

The Yaws Handbook of Vapor Pressure

Antoine Coefficients

Carl L. Yaws

Second Edition



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Vapor Pressure – Organic Compounds

Carl L. Yaws, Marco A. Satyro

TABULATION RESULTS

The tabulation is arranged by carbon number (C, C2, C3,....., C100) to provide ease of use in quickly locating the data by using the chemical formula. The compound name, chemical abstracts registry number (CAS No), and Antoine coefficients are provided in the adjacent columns. The range of application is denoted by minimum and maximum temperatures (TMIN and TMAX). Temperatures outside the range of application should not be used. The next column provides the code for the tabulation, which is based on both experimental data and estimated values.

In preparing the tabulation, a literature search was conducted to identify data source publications (1–52). Both experimental values for the property under consideration and parameter values for estimation of the property are included in the source publications. The publications were screened and copies of appropriate data were made. These data were then keyed into the computer to provide a database of values for compounds for which experimental data are available. The database also served as a basis to check the accuracy of the estimation methods. Upon completion of data collection, estimation of values for the remaining compounds was performed.

The estimates are primarily based on literature methods and empirical procedures developed by the author. If initial analysis using the estimates is favorable, follow-up experimental determination is recommended. This is especially true for highly polar and high molecular weight compounds.

A code of 1 in the tabulation is based on experimental data. A code of 2 indicates an estimate. The estimates with a code of 3 should be considered rough approximations. The estimates with a code of 2 are more accurate. For those substances which undergo decomposition (such as nitro compounds with explosive decomposition and very large compounds with thermal decomposition) prior to attaining the boiling point temperature, the boiling point temperature is a hypothetical value.

A comparison of calculated and data values is shown in Figure 1 for a representative compound. The graph discloses favorable agreement of equation and data.

EXAMPLE

Calculate the vapor pressure of acetone (C₃H₆O) at 47.35°C.

Substitution of the Antoine coefficients from the table and temperature into the equation for vapor pressure yields:

$$\log_{10} P = 7.31742 - 1315.6735 / (47.35 + 240.479) = 2.7464$$

$$P = 10^{2.7464} = 557.70 \text{ mmHg}$$

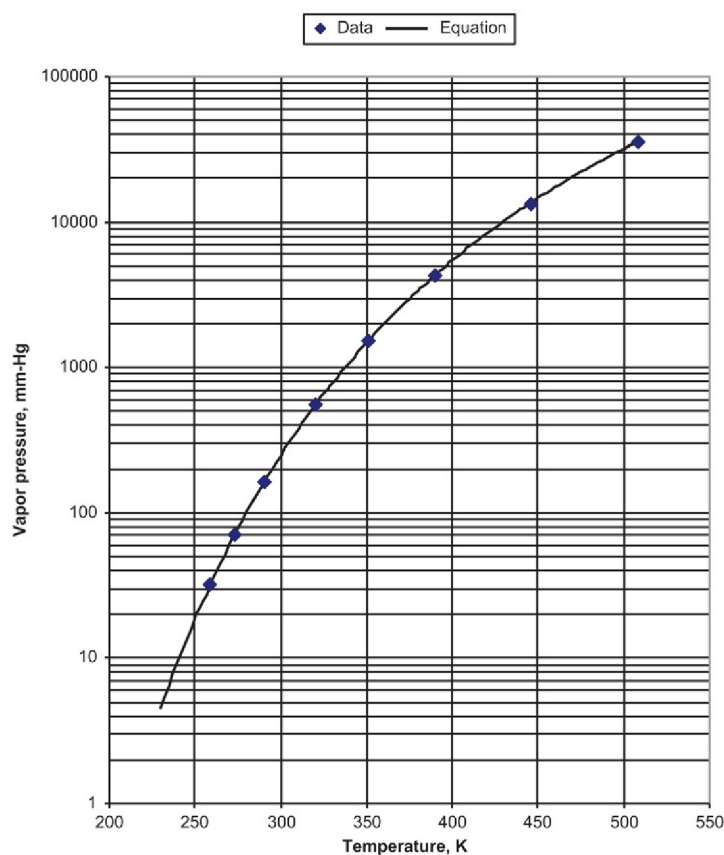


FIGURE 1 Vapor Pressure of Acetone

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mmHg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
1	CAsCl2F3	dichloro(trifluoro-methyl)arsine	421-32-9	6.44199	1078.1800	222.610	-48.15	108.11	3
2	CBrClF2	bromochlorodifluoromethane	353-59-3	6.96434	1008.7093	249.569	-80.45	153.00	1,2
3	CBrCl2F	bromodichlorodifluoromethane	353-58-2	7.53163	1515.7000	273.150	-41.09	75.30	1,2
4	CBrCl3	bromotrichloromethane	75-62-7	7.17536	1468.7621	238.507	-21.00	131.16	1,2
5	CBrFO	carbonic bromide fluoride	753-56-0	7.61850	1196.7000	273.150	-92.34	-3.42	3
6	CBrF3	bromotrifluoromethane	75-63-8	6.96895	800.4823	253.656	-119.55	67.00	1,2
7	CBrN	cyanogen bromide	506-68-3	7.67970	1211.2170	190.995	-13.00	78.42	1,2
8	CBr2ClF	dibromochlorodifluoromethane	353-55-9	7.68319	1697.4000	273.150	-19.17	103.94	1,2
9	CBr2F2	dibromodifluoromethane	75-61-6	7.13810	1187.3002	254.436	-61.01	45.67	1,2
10	CBr3Cl	tribromochloromethane	594-15-0	7.88553	1889.0287	273.150	1.20	128.49	1,2
11	CBr3F	tribromofluoromethane	353-54-8	7.59674	1790.4000	273.150	-1.74	132.39	1,2
12	CBr4	carbon tetrabromide	558-13-4	8.36395	2539.1862	273.540	71.27	216.45	1,2
13	CClFO	carbonyl chloride fluoride	353-49-1	8.10490	1187.2000	273.150	-108.15	-32.00	3
14	CClF2NO	difluorocarbonyl chloride	16847-30-6	7.91171	1347.3400	273.150	-84.15	11.71	3
15	CClF3	chlorotrifluoromethane	75-72-9	7.05630	746.7453	260.340	-137.04	28.85	1,2
16	CClF3O	trifluoromethyl hypochlorite	22082-78-6	7.41310	1025.0000	273.150	-131.15	-30.90	3
17	CClF3O2	chloroperoxytrifluoromethane	32755-26-3	7.74210	1221.0000	273.150	-92.05	-5.40	3
18	CClF3O3S	fluorosulphuric acid, chlorodifluoromethyl ester	6069-31-4	6.71727	965.4680	214.792	-46.15	58.29	3
19	CClF3O4	perchloric acid, trifluoromethyl ester	52003-45-9	7.48280	1301.0000	273.150	-72.47	29.34	3
20	CClF3S	trifluoromethanesulfonyl chloride	421-17-0	6.13058	639.8900	197.500	-72.78	19.51	3
21	CClF4N	difluoro(difluoro-chloromethyl)amine	13880-71-2	7.71462	1388.7700	273.150	-66.32	33.23	3
22	CClF4NO2S	chloro(trifluoro-methyl)sulfamoyl fluoride	19419-95-5	7.77610	1503.0000	273.150	-51.34	54.00	3
23	CClF7S	chlorotetrafluoro-(trifluoromethyl)sulfur	42179-04-4	7.49010	1352.0000	273.150	-64.83	40.67	3
24	CClN	cyanogen chloride	506-77-4	7.04917	913.9610	206.412	-55.32	29.92	1,2
25	CCl2FI	dichlorofluoroiodo-methane	420-48-4	7.71448	1708.8600	273.150	-18.65	103.86	3
26	CCl2F2	dichlorodifluoromethane	75-71-8	6.92200	865.3109	243.873	-97.75	111.97	1,2
27	CCl2F3N	N,N-dichloro-1,1,1-trifluoromethylamine	13880-73-4	7.53148	1347.3700	273.150	-66.86	36.62	3
28	CCl2F3NS	trifluoromethyl-imidosulfurous dichloride	10564-47-3	5.95443	824.6840	173.735	-7.28	123.71	3
29	CCl2F3PS	dichloro(trifluoro-methylthio)phosphine	18799-78-5	7.34500	1655.0000	273.150	-12.31	124.39	3
30	CCl2O	phosgene	75-44-5	7.13083	1060.0797	241.870	-68.96	181.85	1,2
31	CCl3F	trichlorofluoromethane	75-69-4	6.99521	1081.9840	239.265	-58.79	197.96	1,2
32	CCl3NO	trichloronitroso-methane	3711-49-7	7.96010	1690.0000	273.150	-30.34	80.54	3
33	CCl3NO2	trichloronitromethane	76-06-2	8.61837	2388.4332	304.281	9.23	135.05	1,2
34	CCl3NSSi	trichloroisoithio-cyanatosilane	18157-00-1	7.99850	2060.0000	273.150	21.20	154.53	3
35	CCl3NSi	trichlorosilane-carbonitrile	18157-01-2	7.75100	1687.0000	273.150	-46.15	96.07	3
36	CCl4	carbon tetrachloride	56-23-5	7.01101	1278.4541	232.888	-22.82	283.20	1,2
37	CFN	cyanogen fluoride	1495-50-7	7.45379	871.7310	236.627	-101.55	-32.52	1,2
38	CFNO3S	sulfuryl fluoride isocyanate	1495-51-8	8.55887	1905.3600	273.150	-21.08	81.20	3
39	CFNO6S2	pyrosulfonyl fluoride isocyanate	27931-74-4	8.13500	2134.0000	273.150	25.94	157.69	3
40	CFN3O6	fluorotrinitromethane	1840-42-2	7.98686	1821.0700	273.150	-12.51	105.84	1,2
41	CF2N2	difluorocyanamide	7127-18-6	7.97010	1075.0000	273.150	-118.92	-48.64	3
42	CF2N2OS	cyanimidodisulfonyl fluoride	19073-57-5	8.36010	1945.0000	273.150	-11.15	102.46	3
43	CF2N2O4	difluorodinitro-methane	1185-11-1	9.87010	2163.9000	273.150	-29.20	50.39	3
44	CF2N2S	cyanimidodisulfurous difluoride	14453-41-9	8.98510	2302.0000	273.150	-2.15	123.52	3
45	CF2O	carbonyl fluoride	353-50-4	7.01535	623.7781	234.020	-130.32	-71.30	1,2
46	CF2O4S	fluoroformyl fluorosulfate	7519-54-2	8.15675	1898.6650	314.573	-49.28	67.08	3
47	CF2S	thiocarbonyl fluoride	420-32-6	7.18210	908.0000	273.150	-126.27	-46.16	3
48	CF3I	trifluoroiodomethane	2314-97-8	7.55367	1174.2900	273.150	-93.97	123.29	1,2
49	CF3NO	trifluoronitroso-methane	334-99-6	7.67410	895.8600	273.150	-138.92	-73.73	3
50	CF3NO	(difluoroamino)-carbonyl fluoride	2368-32-3	7.98400	1129.0000	273.150	-130.15	-38.05	3
51	CF3NOS	S,S-difluoro-N-(fluoroformyl)-sulfilimine	3855-41-2	8.94060	1950.0000	273.150	-53.15	65.46	3
52	CF3NOS	N-sulfinyltrifluoro-methanamine	10564-49-5	7.73310	1413.0000	273.150	-63.29	37.31	3
53	CF3NO2	fluoropicrin	335-02-4	4.98325	217.2670	134.456	-79.91	-13.85	3
54	CF3NO4	trifluoromethyl peroxonitrate	50311-48-3	7.62347	1297.3600	273.150	-80.15	18.94	3
55	CF3NO6S2	N-(fluoroformyl)-N,O-bis-(fluorosulfonyl)-hydroxylamine	19252-48-3	7.66950	1895.0000	273.150	10.98	149.12	3
56	CF4	carbon tetrafluoride	75-73-0	6.95095	536.0296	259.748	-169.67	-45.64	1,2
57	CF4N2O	fluoro(trifluoro-methyl)diazine	815-10-1	6.57768	744.0700	208.900	-75.50	10.21	3
58	CF4N2O3S2	carbonyl bis(imidosulfonyl fluoride)	25523-80-2	8.38200	2159.0000	273.150	19.32	142.03	3
59	CF4O	trifluoromethylhypofluorite	373-91-1	7.07781	689.2300	259.370	-145.97	-82.33	1,2
60	CF4OS	trifluoromethane sulfinyl fluoride	812-12-4	8.32352	1772.2020	328.111	-86.12	16.56	3
61	CF4O2	trifluoromethyl peroxyhypochlorite	34511-13-2	7.03915	749.7100	249.850	-125.71	-55.49	3
62	CF4O2S	trifluoromethane sulfonyl fluoride	335-05-7	7.73610	1221.0000	273.150	-91.89	-5.05	3
63	CF4O5S2	anhydride fluorosulfonic acid and trifluoromethane sulfonic acid	21595-44-8	7.91810	1721.0000	273.150	-24.38	90.22	3
64	CF5NO	pentafluoro-methoxyamine	4217-93-0	7.37500	968.6000	273.150	-121.21	-42.15	3
65	CF5OPS	phosphorothionic difluoride, S-trifluoromethyl ester	52752-66-6	6.90200	1207.4000	273.150	-68.58	51.41	3
66	CF5O3P	peroxyphosphoro-dichloric acid, trifluoromethyl ester	39125-42-3	8.67700	1672.8000	273.150	-55.25	31.26	3
67	CF6N2S2	N,N-(difluoromethylene)-bis(S,S-difluorosulfilimine)	17686-45-2	8.08110	1880.0000	273.150	-7.65	110.58	3
68	CF6PS	difluoro(trifluoro-methylthio)phosphine	52752-65-5	7.08600	1164.2000	273.150	-81.86	25.05	3
69	CF8OS	pentafluoro(trifluoro-methoxy)sulfur	1873-23-0	7.04054	951.5640	239.691	-82.16	6.91	3
70	CF8S	(trifluoromethyl)sulfur pentafluoride	373-80-8	6.87018	862.5720	236.218	-89.28	-2.35	1,2
71	CF10O5S2	[mi-[carbonodiper-oxoato(2-)]][decafluoro disulfur	60672-59-5	8.08910	1988.4000	273.150	7.34	132.05	3
72	CHBrClF	bromochlorodifluoromethane	593-98-6	7.50414	1429.3000	273.150	-53.40	57.53	1,2
73	CHBrCl2	bromodichloromethane	75-27-4	7.50709	1679.3368	273.150	-15.07	115.32	1,2
74	CHBrFI	bromofluoroiodo-methane	1512-27-2	7.57428	1765.4480	273.150	-4.61	128.78	3
75	CHBrF2	bromodifluoromethane	1511-62-2	7.17517	1001.2154	248.627	-86.49	138.83	1,2
76	CHBr2I	dibromoiodomethane	593-94-2	7.70155	2212.9104	273.150	57.06	216.46	3
77	CHBr2F	dibromofluoromethane	1868-53-7	10.34916	2524.6760	273.150	-3.11	79.10	1,2
78	CHBr3	bromoform	75-25-2	7.03871	1512.0403	214.805	8.05	177.71	1,2
79	CHClF2	chlorodifluoromethane	75-45-6	7.06821	848.3508	243.376	-103.57	96.15	1,2
80	CHCl2F	dichlorodifluoromethane	75-43-4	7.04611	1020.7998	236.222	-67.39	178.43	1,2

Table 1 Vapor Pressure – Organic Compounds

log ₁₀ P = A - B/(T + C) (P - mmHg, T - C)									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
81	CHCl ₂ FO ₃ S	fluorosulfuric acid, dichloromethyl ester	42016-50-2	8.00010	1890.0000	273.150	-3.15	119.11	3
82	CHCl ₂ I	dichloriodomethane	594-04-7	7.61157	1916.6640	273.150	16.75	159.53	1,2
83	CHCl ₃	chloroform	67-66-3	7.11289	1233.0732	230.213	-28.50	263.25	1,2
84	CHCl ₃ Ge	trichloro(dichloro-methyl)germane	21572-22-5	7.02412	1568.5700	209.020	39.85	199.22	3
85	CHF ₂ I	fluorodiiodomethane	1493-01-2	6.89756	1357.9000	238.060	-7.81	156.99	1,2
86	CHFN ₂ O ₄	fluorodinitromethane	7182-87-8	8.65010	2278.1000	273.150	24.64	143.45	3
87	CHFO	formyl fluoride	1493-02-3	8.04359	1273.4000	273.150	-95.15	-11.23	1,2
88	CHF ₂ I	difluoriodomethane	1493-03-4	7.11645	1170.9000	254.840	-63.41	42.75	1,2
89	CHF ₃	fluoroform	75-46-7	7.17660	724.7979	250.743	-133.40	26.14	1,2
90	CHF ₃ O ₂	trifluoromethyl hydroperoxide	16156-36-8	8.55680	1614.5000	273.150	-59.50	27.22	3
91	CHF ₃ O ₃ S	trifluoromethanesulfonic acid	1493-13-6	8.58237	2492.1520	273.150	55.53	188.31	1,2
92	CHF ₃ S	trifluoromethanethiol	1493-15-8	7.13011	920.6530	254.640	-105.15	-21.46	3
93	CHF ₇ S	(difluoromethyl)-sulfur	420-67-7	6.89241	932.7300	227.390	-69.10	23.98	3
94	CHI ₃	iodoform	75-47-8	6.48485	969.2667	58.939	-117.78	245.81	1,2
95	CHN	hydrogen cyanide	74-90-8	8.00604	1602.8822	286.893	-58.11	183.50	1,2
96	CHNO	cyanic acid	420-05-3	7.54917	1247.0196	243.792	-53.38	41.74	1,2
97	CH ₂ BrCl	bromochloromethane	74-97-5	7.30547	1357.0605	238.654	-23.43	90.44	1,2
98	CH ₂ Br ₂	dibromomethane	74-95-3	7.24310	1424.3958	229.675	-1.52	121.19	1,2
99	CH ₂ ClF	chlorofluoromethane	593-70-4	7.19639	1029.4612	247.695	-81.56	8.82	1,2
100	CH ₂ Cl ₂	dichloromethane	75-09-2	7.10959	1151.4617	232.442	-43.97	236.85	1,2
101	CH ₂ Cl ₄ Ge	trichloro(chloro-methyl)germane	21572-18-9	6.82539	1381.5500	197.330	29.85	181.85	3
102	CH ₂ Cl ₄ OSi	trichloro(chloro-methoxy)silane	18157-08-9	8.39500	2159.0000	273.150	-0.15	140.99	3
103	CH ₂ Cl ₆ Si ₂	bis(trichlorosilyl)methane	4142-85-2	8.10986	2380.0000	273.150	54.85	209.80	3
104	CH ₂ F ₂	difluoromethane	75-10-5	7.29020	863.5921	247.503	-110.21	78.11	1,2
105	CH ₂ F ₃ NS	1,1,1-trifluoromethane-sulfenamide	1512-33-0	8.46010	1783.0000	273.150	-55.15	64.65	3
106	CH ₂ I ₂	diiodomethane	75-11-6	6.95585	1572.4651	204.877	59.14	213.13	1,2
107	CH ₂ O	formaldehyde	50-00-0	8.15816	1194.1401	254.377	-92.00	-2.56	1,2
108	CH ₂ O ₂	formic acid	64-18-6	6.96405	1162.8529	184.037	8.40	314.85	1,2
109	CH ₃ AsCl ₂	methyldichloroarsine	593-89-5	8.19810	2142.6000	273.150	24.51	153.98	3
110	CH ₃ AsF ₂	methyldifluoroarsine	420-24-6	7.26094	1276.0025	214.816	-15.00	98.00	3
111	CH ₃ BCl ₂ O	dichloromethoxy-borane(3)	867-46-9	6.80260	1067.7000	214.270	-30.27	80.61	3
112	CH ₃ BO	borane carbonyl	13205-44-2	7.99762	1090.2080	277.064	-124.00	-50.68	3
113	CH ₃ Br	methyl bromide	74-83-9	7.34706	1147.2897	253.430	-93.60	153.85	1,2
114	CH ₃ BrHg	bromomethylmercury	506-83-2	9.97310	3530.0000	273.150	120.25	246.64	3
115	CH ₃ Cl	methyl chloride	74-87-3	7.12118	888.0835	235.586	-97.70	103.10	1,2
116	CH ₃ ClHg	chloromethyl mercury	115-09-3	9.42880	3371.4000	273.150	126.84	266.54	3
117	CH ₃ Cl ₂ FSi	dichlorofluoro-methylsilane	420-58-6	7.74530	1472.3000	273.150	-54.88	49.48	3
118	CH ₃ Cl ₂ P	dichloromethylphosphine	676-83-5	8.11696	1857.0000	273.150	-12.22	103.13	3
119	CH ₃ Cl ₃ Ge	trichloromethyl-germane	993-10-2	7.04305	1412.5200	227.100	6.64	138.72	3
120	CH ₃ Cl ₃ Si	methyl trichlorosilane	75-79-6	7.19041	1371.1567	251.814	-30.32	243.85	1,2
121	CH ₃ Cl ₅ Si ₂	pentachloromethyl-disilane	26980-40-5	7.91847	2186.1100	281.290	34.69	180.24	3
122	CH ₃ F	methyl fluoride	593-53-3	7.15783	754.1698	254.481	-141.80	44.13	1,2
123	CH ₃ F ₂ N	N,N-difluoromethanamine	753-58-2	6.85087	871.0500	235.370	-86.49	2.04	3
124	CH ₃ F ₂ NS	methylimidisulfurous difluoride	758-20-3	8.05280	1498.4600	273.150	-79.15	34.48	3
125	CH ₃ F ₂ OPS	difluorothiophosphoric acid, S-methyl ester	25237-37-0	6.77589	1107.4900	229.214	-37.47	78.93	3
126	CH ₃ F ₂ OPS	phosphorothionic difluoride, S-trifluoromethyl ester	900001-60-7	6.77589	1107.4900	229.210	-37.47	78.94	3
127	CH ₃ F ₂ P	methylphosphorous difluoride	753-59-3	7.83010	1220.0000	273.150	-99.15	-10.69	3
128	CH ₃ F ₂ PS ₂	phosphorodithionic difluoride, methyl ester	21348-13-0	8.16244	1857.0700	260.930	-20.15	111.93	3
129	CH ₃ F ₃ Si	trifluoromethylsilane	373-74-0	7.98069	1239.2703	273.150	-95.62	-14.85	1,2
130	CH ₃ F ₄ NP ₂ S ₂	N,N-bis(difluorothio-phosphoryl)methyl-amine	25741-62-2	7.99091	2092.1200	278.040	-0.15	157.00	3
131	CH ₃ Hgl	iodomethylmercury	143-36-2	9.50320	3393.7000	273.150	125.96	263.71	3
132	CH ₃ I	methyl iodide	74-88-4	7.32759	1315.1641	253.207	-66.45	64.03	1,2
133	CH ₃ NO	formamide	75-12-7	7.63804	2012.7029	203.234	99.97	248.43	1,2
134	CH ₃ NOS	N-sulfinylmethanamine	4291-05-8	7.92501	1659.9500	273.150	-33.45	76.82	3
135	CH ₃ NO ₂	nitromethane	75-52-5	7.55040	1591.7183	239.919	-28.55	315.00	1,2
136	CH ₃ NO ₃	methyl nitrate	598-58-3	7.34608	1351.0264	237.714	-24.82	88.27	1,2
137	CH ₄	methane	74-82-8	6.84377	435.4534	271.361	-196.85	-82.59	1,2
138	CH ₄ ClFSi	chlorofluoro-methylsilane	373-67-1	7.60660	1296.6000	273.150	-76.89	19.88	3
139	CH ₄ Cl ₂ Ge	dichloromethyl-germane	1111-82-6	6.87108	1383.9900	233.170	2.56	141.97	3
140	CH ₄ Cl ₂ OSi	dichloromethoxy-silane	6485-89-8	7.84000	1600.0000	273.150	-39.23	70.33	3
141	CH ₄ Cl ₂ Si	methyl dichlorosilane	75-54-7	7.26897	1279.3211	250.690	-46.62	63.26	1,2
142	CH ₄ F ₂ NPS	N-methylphosphor-amidithionic	31411-30-0	10.33813	3721.2300	373.610	-0.15	146.38	3
143	CH ₄ F ₂ Si	difluoromethylsilane	420-34-8	7.76550	1160.4000	273.150	-101.63	-19.99	3
144	CH ₄ O	methyl alcohol	67-56-1	8.08404	1580.4585	239.096	-15.99	199.45	1,2
145	CH ₄ S	methyl mercaptan	74-93-1	7.07302	1008.9751	234.729	-68.59	156.80	1,2
146	CH ₅ ClSi	methyl chlorosilane	993-00-0	7.04725	1054.7751	244.460	-70.04	28.42	3
147	CH ₅ ClSi	(chloromethyl)silane	10112-09-1	8.09302	1719.2800	298.600	-56.21	51.48	3
148	CH ₅ FGe	fluoromethyl germane	30123-02-5	8.41300	1728.0000	273.150	-47.15	57.18	3
149	CH ₅ N	methylamine	74-89-5	7.36511	1025.6120	235.062	-93.46	116.90	1,2
150	CH ₆ CIN	methylamine hydrochloride	593-51-1	7.55103	3176.4452	273.150	211.73	453.86	1,2
151	CH ₆ GeS	(methylthio)germane	16643-16-6	7.22735	1556.1500	273.150	-50.15	111.51	3
152	CH ₆ N ₂	methylhydrazine	60-34-4	6.56358	997.6946	180.059	-0.73	115.76	1,2
153	CH ₆ OSi	methyl silyl ether	2171-96-2	3.98012	185.6317	149.984	-90.20	82.56	3
154	CH ₆ Si	methyl silane	992-94-9	7.10688	873.3901	263.567	-120.55	-41.05	3
155	CH ₇ ClSi ₂	[(chlorosilyl)methyl]-silane	35483-45-5	7.83841	1674.1300	273.150	-28.34	86.37	3
156	CH ₇ ClSi ₂	(chloromethyl)-disilane	54713-74-5	8.09282	1875.0700	273.150	-23.15	108.66	3
157	CIN	cyanogen iodide	506-78-5	7.77010	2090.1000	273.150	35.58	182.38	3
158	Cl ₄	carbon tetraiodide	507-25-5	7.02508	2058.5919	167.532	174.14	368.11	3
159	CNNa	sodium cyanide	143-33-9	7.60389	8476.9617	298.798	984.83	1618.18	3
160	CN ₄ O ₈	tetranitromethane	509-14-8	8.32676	2186.3824	275.420	18.00	149.54	1,2

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mmHg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
161	CO	carbon monoxide	630-08-0	6.72828	295.2279	268.243	-216.70	-140.29	1,2
162	COS	carbonyl sulfide	463-58-1	7.00732	833.1578	252.064	-113.37	105.62	1,2
163	COSe	carbon oxyselenide	1603-84-5	7.16912	1024.3828	260.378	-94.33	-3.47	3
164	CO2	carbon dioxide	124-38-9	9.81367	1340.9768	271.883	-119.74	-8.96	1,2
165	CSSe	carbonyl selenide sulfide	5951-19-9	6.85564	1257.9970	230.793	-15.96	111.63	3
166	CS2	carbon disulfide	75-15-0	7.22603	1305.4917	254.394	-44.71	238.85	1,2
167	CSe2	carbon diselenide	506-80-9	6.81633	1364.5803	221.235	13.38	154.22	3
168	C2AsClF6	chlorobis(trifluoromethyl)arsine	359-53-5	8.20855	1705.6100	275.050	-65.15	64.26	3
169	C2BrClF3O4	1,2,2-trifluoro-1-chloro-2-bromoethyl perchlorate	900001-86-7	8.59682	2217.9000	273.150	-0.15	136.44	3
170	C2BrCl3O	trichloroacetyl bromide	34069-94-8	7.18625	1612.9888	231.640	29.10	171.16	1,2
171	C2BrCl5	bromopentachloroethane	79504-02-2	7.33000	2320.0000	273.150	93.36	286.14	3
172	C2BrF3	bromotrifluoroethylene	598-73-2	6.94612	998.6736	246.808	-78.85	18.50	1,2
173	C2BrF5	bromopentafluoroethane	354-55-2	7.43006	1147.0931	273.150	-94.75	-3.13	1,2
174	C2BrF5Se	pentafluoroethane selenyl bromide	6123-59-7	8.26010	1800.0000	273.150	-31.15	81.30	3
175	C2BrF9S	(1-bromo-1,2,2-tetrafluoroethyl)-pentafluoro	63011-81-4	7.73200	1603.0000	273.150	-35.03	79.15	3
176	C2Br2ClF3	1,2-dibromo-1-chloro-1,2,2-trifluoroethane	354-51-8	6.73180	1166.3480	209.870	-6.38	118.68	1,2
177	C2Br2Cl2F2	1,2-dibromo-1,2-dichlorodifluoroethane	421-69-2	7.81510	2037.6000	273.150	25.83	166.63	3
178	C2Br2Cl2F2	1,2-dibromo-1,1,2-dichlorodifluoroethane	558-57-6	7.81510	2033.1000	273.150	25.17	165.66	3
179	C2Br2Cl4	1,2-dibromo-1,1,2,2-tetrachloroethane	630-25-1	8.18010	2740.0000	273.150	108.46	275.04	3
180	C2Br2F4	1,2-dibromotetrafluoroethane	124-73-2	7.05861	1207.6931	242.224	-42.89	214.65	1,2
181	C2Br3F3	1,1,1-tribromo-2,2,2-trifluoroethane	354-48-3	7.85210	1922.3000	273.150	7.39	138.46	3
182	C2Br4	tetrabromoethene	79-28-7	3.47164	182.6382	82.571	-8.68	547.65	1,2
183	C2ClFN2	trans-chloro(fluoroimino) acetonitrile	30915-39-0	7.41725	1278.8100	236.492	-37.21	65.44	3
184	C2ClFN2	cis-chloro(fluoroimino)acetonitrile	30915-40-3	7.50782	1358.2600	247.698	-38.99	66.28	3
185	C2ClF3	chlorotrifluoroethylene	79-38-9	7.03729	881.5941	240.451	-94.43	106.00	1,2
186	C2ClF3O2	trifluoromethyl chloroformate	23213-83-4	6.50354	849.3200	227.220	-78.15	28.47	3
187	C2ClF3O4S	difluorochloroacetic fluorosulfonic anhydride	6069-32-5	7.30232	1293.4400	214.110	-8.88	99.80	3
188	C2ClF5	chloropentafluoroethane	76-15-3	6.91015	854.2785	249.665	-105.12	79.95	1,2
189	C2ClF5O	hypochlorous acid, pentafluoroethyl ester	22675-67-8	6.75332	855.5000	229.110	-80.41	10.43	3
190	C2ClF5OS	pentafluoroethane-sulfinyl	39937-08-1	7.97400	1707.4000	273.150	-28.33	83.14	3
191	C2ClF5O4	perchloric acid, pentafluoroethyl ester	53011-52-2	7.63560	1430.8000	273.150	-57.53	48.11	3
192	C2ClF5O6S2	1-chloro-1,2,2-trifluoro-1,2-ethanediol	1957-17-1	5.07505	473.7380	83.873	32.38	166.36	3
193	C2ClF5Se	pentafluoroethane selenyl chloride	6123-50-8	7.78010	1580.0000	273.150	-58.15	70.46	3
194	C2ClF9S	(2-chloro-1,1,2,2-tetrafluoroethyl)-pentafluoro	646-63-9	7.49400	1479.0000	273.150	-45.40	69.83	3
195	C2ClF9S	chlorotetrafluoro-(pentafluoroethyl)-sulfur	42769-85-7	7.50010	1497.0000	273.150	-42.85	73.52	3
196	C2Cl2F2	1,1-dichloro-2,2-difluoroethene	79-35-6	7.09974	1058.3177	232.000	-58.50	38.29	1,2
197	C2Cl2F2	1,2-dichloro-1,2-difluoroethene	598-88-9	7.05132	1053.6527	231.294	-57.17	41.00	1,2
198	C2Cl2F2	dichlorodifluoroethylene	27156-03-2	7.53055	1253.2151	250.490	-58.59	39.04	2
199	C2Cl2F2N2	dichloro(difluoroamino) acetonitrile	30913-21-4	9.64628	3177.1900	401.155	-35.15	90.33	3
200	C2Cl2F2O	dichlorodifluoroacetyl fluoride	354-18-7	6.79223	1297.3700	290.610	-66.63	68.73	3
201	C2Cl2F3NOS	S,S-dichloro-N-(trifluoroacetyl)-sulfilimine	24433-67-8	8.53300	2309.0000	273.150	32.85	158.35	3
202	C2Cl2F3NO2S	(trifluoromethyl)-sulfonylcarbonimidic	51587-33-8	7.90024	1878.7500	241.533	30.74	156.64	3
203	C2Cl2F4	1,2-dichloro-1,1,2,2-tetrafluoroethane	76-14-2	6.93818	971.7388	235.910	-92.52	145.68	1,2
204	C2Cl2F4	1,1-dichloro-1,2,2,2-tetrafluoroethane	374-07-2	6.82593	910.5268	227.948	-71.66	145.40	1,2
205	C2Cl2F4	dichlorotetrafluoroethane	1320-37-2	7.54440	1198.9766	255.120	-71.91	19.71	3
206	C2Cl2F4O4	1,1,2,2-tetrafluoro-2-chloroethyl perchlorate	38126-28-2	6.63039	1088.5100	217.420	-24.15	98.22	3
207	C2Cl2F5NS	S,S-dichloro-N-(pentafluoroethyl)-sulfilimine	10564-48-4	8.03100	1956.0000	273.150	5.05	130.22	3
208	C2Cl3F3	1,1,2-trichloro-1,2,2-trifluoroethane	76-13-1	6.95822	1139.7442	231.677	-40.39	214.06	1,2
209	C2Cl3F3	1,1,1-trichloro-2,2,2-trifluoroethane	354-58-5	7.30951	1325.3535	253.615	-43.56	68.20	1,2
210	C2Cl3F3O4	1,2,2-trifluoro-1,2-dichloroethyl perchlorate	38126-27-1	6.14455	1405.2300	273.150	-0.15	201.16	3
211	C2Cl3N	trichloroacetonitrile	545-06-2	7.29775	1438.4046	239.957	-16.00	109.52	1,2
212	C2Cl4	tetrachloroethylene	127-18-4	7.07670	1460.3201	226.986	13.33	148.22	1,2
213	C2Cl4F2	1,1,2,2-tetrachloro-1,2-difluoroethane	76-12-0	6.95599	1269.9665	218.785	-5.56	117.71	1,2
214	C2Cl4F2	1,1,1,2-tetrachloro-2,2-difluoroethane	76-11-9	6.72750	1105.5611	195.906	-2.88	115.90	1,2
215	C2Cl4F2O4	1,2-difluoro-1,1,2-trichloroethyl perchlorate	38126-29-3	6.08003	1578.5300	273.150	-0.15	271.51	3
216	C2Cl4F6OS	pentafluoro(1,1,2,2-tetrachloro-2-fluoroethoxy) sulfur	762-90-3	6.58923	1229.9370	188.427	31.63	172.54	3
217	C2Cl4O	trichloroacetyl chloride	76-02-8	7.24512	1488.9557	223.167	15.25	143.28	1,2
218	C2Cl4O	tetrachloroethylene oxide	16650-10-5	6.27325	996.8000	182.660	6.37	139.78	3
219	C2Cl4Si	trichloro(chloroethynyl)silane	29442-46-4	3.91348	374.6700	113.290	15.31	398.81	3
220	C2Cl5F	pentachlorofluoroethane	354-56-3	6.68077	1162.7750	168.097	36.59	164.23	1,2
221	C2Cl6	hexachloroethane	67-72-1	6.53008	1214.2873	147.899	71.68	214.77	1,2
222	C2FNO2	fluorocarbonyl isocyanate	15435-14-0	8.69510	1750.0000	273.150	-45.73	44.27	3
223	C2F2N4O8	1,2-difluoro-1,1,2,2-tetranitroethane	20165-39-3	11.50010	3280.4000	273.150	23.85	121.21	3
224	C2F3N	trifluoroacetonitrile	353-85-5	7.65870	925.9256	262.594	-126.10	-55.77	1,2
225	C2F3NO	trifluoromethyl isocyanate	460-49-1	7.83810	1176.0000	273.150	-101.17	-20.59	3
226	C2F3NO	trifluoronitrosoethylene	2713-04-4	8.25150	1340.0000	273.150	-88.36	-8.83	3
227	C2F3NOS	trifluoromethane-sulfonyl isocyanate	691-03-2	7.74100	1458.0000	273.150	-56.86	46.65	3
228	C2F3NO2S	2,2,2-trifluoro-N-sulfinylacetamide	26454-68-2	8.33824	1902.7300	273.150	-13.86	95.85	3
229	C2F3NO2S2	trifluoromethane-sulfonyl isothiocyanate	51587-30-5	7.64290	1655.0700	235.544	13.60	135.46	3
230	C2F3NO3S	trifluoromethane-sulfonyl isocyanate	30227-06-6	7.71897	1511.1200	240.146	-15.24	92.91	3
231	C2F3NS	trifluoromethyl thiocyanate	690-24-4	8.39500	1704.0000	273.150	-47.15	53.72	3
232	C2F3N3O6	1,1,2-trifluoro-1,2,2-trinitroethane	20165-38-2	10.40010	3016.3000	273.150	39.85	144.72	3
233	C2F4	tetrafluoroethylene	116-14-3	7.04485	717.0359	248.497	-132.30	33.30	1,2
234	C2F4N2	(difluoroamino)difluoroacetonitrile	5131-88-4	7.52120	1018.9000	251.800	-95.56	-17.00	3
235	C2F4N2O3	1,1,2,2-tetrafluoro-1-nitro-2-nitrosoethane	679-08-3	7.93300	1503.0000	273.150	-56.36	43.19	3
236	C2F4N2O4	1,1,2,2-tetrafluoro-1,2-dinitroethane	356-16-1	7.62106	1410.9558	239.154	-30.00	78.68	1,2
237	C2F4N2O6S2	1,2-bis(fluoroformyl)-1,2-bis(fluorosulfonyl)	19252-50-7	9.64693	2599.0600	273.150	-0.15	128.86	3
238	C2F4O2S	trifluoroethylene sulfonyl fluoride	684-10-6	7.22780	1412.0000	273.150	-46.42	75.84	3
239	C2F4O3	trifluoromethyl fluoroperoxy-methanoate	16118-40-4	8.40920	1423.8000	273.150	-80.98	-0.78	3
240	C2F4O4S	trifluoroacetyl fluorosulfate	5762-53-8	8.67673	1949.1480	290.293	-36.39	64.43	3

Table 1 Vapor Pressure – Organic Compounds

log ₁₀ P = A - B/(T + C) (P - mmHg, T - C)									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
241	C2F4S2	2,2,4,4-tetrafluoro-1,3-dithietane	1717-50-6	7.64010	1524.0000	273.150	-43.64	68.69	3
242	C2F5I	pentafluoro-iodoethane	354-64-3	4.16419	158.6582	111.176	-61.03	50.33	1,2
243	C2F5NO	pentafluoronitroso-ethane	354-72-3	7.69000	1094.0000	273.150	-109.62	-30.48	3
244	C2F5NOS	S,S-difluoro-N-(trifluoroacetyl)-sulfilimine	24433-65-6	8.26500	1798.0000	273.150	-33.15	80.57	3
245	C2F5NOS	1,1,1-trifluoro-N-(fluoroformyl)-methanesulfinimidyl fluoride	28103-61-9	8.72000	2033.0000	273.150	-9.81	93.94	3
246	C2F5NOS	1,1,2,2,2-pentafluoro-N-sulfinylethanamine	10564-50-8	7.64300	1516.0000	273.150	-44.94	66.67	3
247	C2F5NO4S	(fluorosulfonyl)-(trifluoromethoxy)-carbamoylfluoride	19252-49-4	7.23080	1582.3000	273.150	-19.20	117.64	3
248	C2F5N3O3	fluoro(1,1,2,2-tetrafluoro-2-nitroethyl)-2-oxidediimide	755-68-0	6.84935	1115.5000	205.310	-16.15	98.85	3
249	C2F6	hexafluoroethane	76-16-4	7.16111	800.2085	265.102	-135.22	19.88	1,2
250	C2F6HgS2	bis(trifluoromethyl-thio)mercury	900001-62-9	8.83101	2760.0000	283.850	68.67	204.82	3
251	C2F6IN	N-iodo-bis(trifluoromethyl)-amine	5764-87-4	7.40010	1490.0000	273.150	-40.34	80.08	3
252	C2F6N2	bis(trifluoromethyl)diazene	372-63-4	7.82296	1196.0000	273.150	-97.86	-15.45	1,2
253	C2F6N2O2	1,1,1-trifluoro-N-(nitrosooxy)-N-(trifluoromethyl)-methanamine	359-75-1	7.71600	1399.0000	273.150	-64.84	35.40	3
254	C2F6N2O2	N-Nitroso-O,N-bis(trifluoromethyl)-hydroxylamine	367-54-4	7.57600	1329.1000	273.150	-71.04	29.32	3
255	C2F6OS	pentafluoroethyl sulfinyl fluoride	20621-31-2	7.12778	1096.9560	237.429	-58.42	40.57	3
256	C2F6OS	bis(trifluoromethyl) sulfoxide	30341-37-8	7.60974	1458.7720	271.935	-51.23	57.52	3
257	C2F6OS2	methanesulfinothioic acid, trifluoro, S-(trifluoromethyl)	63548-54-9	7.54620	1605.9800	273.150	-27.82	94.83	3
258	C2F6OS2	S-trifluoromethyl-(trifluoromethyl)-thiosulfinate	63548-94-7	7.54620	1605.9800	273.150	-27.82	94.83	3
259	C2F6O3	bis(trifluoromethyl)-trioxide	1718-18-9	8.71572	1712.4300	310.560	-88.62	-1.11	3
260	C2F6O3S	trifluoromethane sulfonic acid, trifluoromethyl ester	3582-05-6	6.62022	867.0370	210.579	-56.31	41.59	3
261	C2F6O5S	peroxysulfuric acid, bis(trifluoromethyl) ester	41765-14-4	7.07606	1147.0430	227.257	-38.48	67.29	3
262	C2F6O6S2	tetrafluoroethylene glycol, bis(fluorosulfate)	1479-53-4	6.30118	893.0940	157.959	10.51	128.35	3
263	C2F6S	bis(trifluoromethyl)sulfide	371-78-8	7.81728	1239.3000	273.150	-91.36	-5.73	1,2
264	C2F6S2	bis(trifluoromethyl) disulfide	372-64-5	7.76414	1502.8424	273.150	-50.97	54.82	1,2
265	C2F7N	heptafluoroethanamine	354-80-3	7.50962	1088.0000	273.150	-106.01	-17.35	1,2
266	C2F7N	perfluorodimethylamine	359-62-6	7.00000	972.7000	273.150	-111.03	-18.39	3
267	C2F7NO3S	tetrafluoro-2-(difluoroamino)ethyl fluorosulfonate	4188-34-5	7.87510	1625.0000	273.150	-36.79	73.09	3
268	C2F8OS	difluorooxo-bis(trifluoromethyl)-sulfur	33716-15-3	7.43124	1542.8090	312.746	-72.85	50.32	3
269	C2F8OS	pentafluoro(trifluoro-acetyl)	82390-51-0	7.69810	1391.1000	273.150	-65.46	34.87	3
270	C2F8O3S	pentafluoro(trifluoro-ethaneperoxoato) sulfur	60672-61-9	7.47470	1465.3000	273.150	-46.84	68.18	3
271	C2F8S	pentafluoro(trifluoro-vinyl) sulfur	1186-51-2	7.36010	1310.0000	273.150	-74.15	40.38	3
272	C2F8S	difluorobis(trifluoro-methyl)sulfur	30341-38-9	8.00010	1507.0000	273.150	-57.87	39.62	3
273	C2F10OS	pentafluoro(penta-fluorethoxy)sulfur	900001-56-6	6.86143	938.9100	220.880	-60.70	34.29	3
274	C2F10O2S	tetrafluorobis(tri-fluoromethoxy)sulfur	2004-38-8	6.94478	1030.5340	224.382	-51.03	49.48	3
275	C2F10O3S	(trifluoromethoxy)-{(trifluoromethyl)-dioxy} sulfur tetrafluoride	41938-43-6	7.25728	1198.2740	229.924	-38.42	64.10	3
276	C2F10O3S2	pentafluoro[1,2,2,2-tetrafluoro-1-[(fluorosulfonyl)oxy]-ethyl sulfur	68010-32-2	7.98010	1819.0000	273.150	-12.55	105.95	3
277	C2F10S	trans-tetrafluoro-bis(trifluoromethyl) sulfur	42179-02-2	7.02700	1217.6000	273.150	-71.13	43.51	3
278	C2F11NS	[bis(trifluoromethyl)-amino]sulfur pentafluoride	13888-13-6	7.87010	1530.0000	273.150	-50.45	53.20	3
279	C2F12S2	1,1,1,1,2,2,3,3,3,3,4,4-dodecafluoro-1,1,1,1,3,3,3,3-octahydro-1,3-dithietane	42060-66-2	8.29010	1857.0000	273.150	-18.42	90.38	3
280	C2F14S2	octafluorobis(trifluoromethyl)disulfide	1580-11-6	7.82010	1792.0000	273.150	-10.40	113.20	3
281	C2HAsF6	bis(trifluoromethyl)-arsine	371-74-4	6.45303	852.7400	217.880	-66.15	42.80	3
282	C2HBr	bromoacetylene	593-61-3	7.02850	1016.5185	240.331	-71.71	23.93	1,2
283	C2HBrClF3	halothane	151-67-7	6.55116	951.7304	209.103	-50.00	73.37	1,2
284	C2HBrClF3	1-bromo-2-chloro-1,1,2-trifluoroethane	354-06-3	6.72382	1017.6702	212.311	-34.52	75.01	1,2
285	C2HBrClF3	2-bromo-1-chloro-1,1,2-trifluoroethane	354-20-1	7.55110	1516.2000	273.150	-41.71	73.87	3
286	C2HBr2ClF2	1,2-dibromo-2-chloro-1,1-difluoroethane	421-36-3	7.64625	1864.0000	273.150	7.31	144.37	3
287	C2HBr2Cl2F	1,2-dibromo-1,2-dichlorofluoroethane	421-33-0	7.84910	2169.2000	273.150	43.56	191.62	3
288	C2HBr2FO2	dibromofluoroacetic acid	353-99-1	8.09896	2029.9000	191.160	94.78	221.66	3
289	C2HBr2F3	1,1-dibromo-2,2,2-trifluoroethane	354-30-3	7.53816	1625.5548	273.150	-24.52	100.00	2
290	C2HBr2F3	1,2-dibromo-1,1,2-trifluoroethane	354-04-1	7.67574	1673.4308	273.150	-22.48	99.43	1,2
291	C2HBr3O	tribromoacetaldehyde	115-17-3	7.85566	2100.2287	248.170	58.18	201.19	2
292	C2HCl	chloroacetylene	593-63-5	4.62145	415.8216	227.312	-112.49	61.53	2
293	C2HClF2	2-chloro-1,1-difluoroethylene	359-10-4	7.10734	969.9059	248.080	-89.27	127.40	1,2
294	C2HClF4	1-chloro-1,1,2,2-tetrafluoroethane	354-25-6	7.16447	1020.7868	250.037	-84.45	126.85	1,2
295	C2HClF4	2-chloro-1,1,1,2-tetrafluoroethane	2837-89-0	6.80539	859.5544	230.978	-82.92	122.28	1,2
296	C2HClF4	chlorotetrafluoroethane	63938-10-3	7.58740	1154.4338	259.358	-84.11	2.68	3
297	C2HClF8S	(1,1,2-trifluoro-2-chloroethyl)sulfur pentafluoride	22756-13-4	7.67610	1580.0000	273.150	-36.48	78.41	3
298	C2HCl2F3	1,1-dichloro-1,2,2-trifluoroethane	812-04-4	7.04651	1185.4209	248.280	-52.23	58.45	2
299	C2HCl2F3	1,2-dichloro-1,1,2-trifluoroethane	354-23-4	7.21220	1187.6480	246.346	-55.17	188.45	1,2
300	C2HCl2F3	2,2-dichloro-1,1,1-trifluoroethane	306-83-2	7.10698	1118.9704	236.952	-53.72	183.68	1,2
301	C2HCl3	trichloroethylene	79-01-6	6.87550	1156.9806	202.580	-5.66	110.65	1,2
302	C2HCl3F2	1,1,1-trichloro-2,2-difluoroethane	354-12-1	7.00964	1246.6926	227.506	-20.06	98.19	3
303	C2HCl3F2	1,1,2-trichloro-1,2-difluoroethane	354-15-4	6.98456	1238.2912	227.304	-20.39	98.33	3
304	C2HCl3F2	1,2,2-trichloro-1,1-difluoroethane	354-21-2	7.07338	1254.3627	227.337	-20.80	95.06	1,2
305	C2HCl3F2O3S	fluorosulfuric acid, 2-fluoro-1,1,2-trichloroethyl ester	42087-88-7	7.43010	1911.0000	273.150	24.05	176.68	3
306	C2HCl3O	dichloroacetyl chloride	79-36-7	7.38739	1476.0086	219.973	11.11	132.99	1,2
307	C2HCl3O	trichloroacetaldehyde	75-87-6	7.52332	1647.7201	257.070	-4.48	122.46	1,2
308	C2HCl3O2	trichloroacetic acid	76-03-9	7.49368	1707.8546	174.187	83.80	224.00	1,2
309	C2HCl4F	1,1,1,2-tetrachloro-2-fluoroethane	354-11-0	6.77224	1129.6939	174.559	21.15	141.82	2
310	C2HCl4F	1,1,2,2-tetrachloro-1-fluoroethane	354-14-3	6.72063	1118.6365	174.776	20.77	141.40	1,2
311	C2HCl4FS	(dichloromethyl)-(dichlorofluoro-methyl) sulfide	900001-57-2	8.82661	2507.3350	273.150	47.21	171.04	3
312	C2HCl4FS	(dichloromethyl)-(fluorodichloro-methyl)sulfide	900001-57-7	8.59377	2427.1900	273.150	46.48	175.34	3
313	C2HCl5	pentachloroethane	76-01-7	6.85378	1477.3553	209.802	42.57	192.53	1,2
314	C2HF3	trifluoroethene	359-11-5	8.62844	1840.7531	371.413	-130.11	-33.45	1,2
315	C2HF3O2	trifluoroacetic acid	76-05-1	7.50596	1399.7554	230.840	-15.69	218.10	1,2
316	C2HF5	pentafluoroethane	354-33-6	6.99546	810.9068	245.168	-109.91	66.02	1,2
317	C2HF5O	trifluoromethyl difluoromethyl ether	3822-68-2	6.98021	842.1762	239.989	-99.16	-18.27	1,2
318	C2HF6N	bis(trifluoromethyl)-amine	371-77-7	7.89610	1335.0000	273.150	-79.56	10.03	3
319	C2HF6OP	bis(trifluoromethyl)-phosphinous acid	359-65-9	9.81350	1998.3000	250.400	-40.15	50.93	3
320	C2HF6OPS	bis(trifluoromethyl)-phosphinothioic acid	35814-49-4	8.05330	2001.0000	273.150	9.85	137.61	3

Table 1 Vapor Pressure – Organic Compounds

log ₁₀ P = A - B/(T + C) (P - mmHg, T - C)									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
321	C2HF6PS2	thiophosphinous acid, bis(trifluoromethyl)-ester	1486-19-7	7.85546	1561.9600	260.970	-56.15	73.24	3
322	C2HF6PS2	phosphinodithioic acid, bis(trifluoromethyl)-ester	18799-75-2	8.90300	2188.0000	273.150	-0.15	109.29	3
323	C2HF7S	pentafluoro(difluoro-ethenyl) sulfur	58636-78-5	7.69010	1447.6000	273.150	-56.77	47.95	3
324	C2HF9S	pentafluoro(1,2,2,2-tetrafluoroethyl) sulfur	63011-80-3	7.76010	1463.0000	273.150	-56.73	46.40	3
325	C2HI	iodoacetylene	14545-08-5	7.09390	1176.2780	247.196	-54.17	53.48	3
326	C2H2	acetylene	74-86-2	8.53026	1011.5834	262.859	-128.52	-4.85	1,2
327	C2H2AsCl3	dichloro-cis-(2-chlorovinyl)arsine	34461-56-8	5.48788	785.0900	115.650	59.29	224.80	3
328	C2H2AsCl3	dichloro-trans-(2-chlorovinyl)arsine	50361-05-2	8.65300	2648.0000	273.150	72.86	210.84	3
329	C2H2BrClF2	2-bromo-1-chloro-1,1-difluoroethane	421-01-2	7.50825	1580.5000	273.150	-30.30	92.16	1,2
330	C2H2BrCl2F	1-bromo-1,2-dichloro-2-fluoroethane	430-88-6	7.67110	1907.4000	273.150	12.77	151.73	3
331	C2H2BrF3	2-bromo-1,1,1-trifluoroethane	421-06-7	7.43137	1361.3000	273.150	-61.48	47.51	1,2
332	C2H2Br2	1,1-dibromoethene	593-92-0	7.12267	1368.1621	230.488	-7.03	116.69	1,2
333	C2H2Br2	cis-1,2-dibromoethene	590-11-4	7.24768	1466.5340	221.486	13.25	139.21	1,2
334	C2H2Br2	trans-1,2-dibromoethene	590-12-5	7.18770	1696.5839	273.168	-4.00	150.36	2
335	C2H2Br2	1,2-dibromoethylene; (cis+trans)	540-49-8	7.11164	1426.0862	225.220	8.12	137.67	1,2
336	C2H2Br2Cl2	1,2-dibromo-1,1-dichloroethane	75-81-0	6.00415	1261.2479	201.854	50.19	245.03	1,2
337	C2H2Br2Cl2	1,2-dibromo-1,2-dichloroethane	683-68-1	8.44170	2729.0938	295.766	70.96	223.09	1,2
338	C2H2Br2F2	1,2-dibromo-1,1-difluoroethane	75-82-1	7.07059	1352.0368	230.349	-7.63	117.53	1,2
339	C2H2Br4	1,1,2,2-tetrabromoethane	79-27-6	7.58424	2031.5098	188.371	120.17	273.08	1,2
340	C2H2Br4	1,1,1,2-tetrabromoethane	630-16-0	8.38512	2303.6713	186.564	125.37	256.17	3
341	C2H2ClFO	fluoroacetyl chloride	359-06-8	8.49540	1916.6000	273.150	-17.45	87.55	3
342	C2H2ClFO	chloroacetyl fluoride	359-14-8	8.60300	1982.5000	273.150	-12.40	92.55	3
343	C2H2ClF3	1-chloro-1,1,2-trifluoroethane	421-04-5	7.13323	1075.3095	238.240	-62.92	33.89	2
344	C2H2ClF3	1-chloro-1,2,2-trifluoroethane	431-07-2	7.71686	1274.7465	248.963	-59.18	35.26	2
345	C2H2ClF3	2-chloro-1,1,1-trifluoroethane	75-88-7	7.29037	1221.1962	269.993	-75.86	27.24	1,2
346	C2H2ClF3O2S	2,2,2-trifluoroethanesulfonyl chloride	1648-99-3	7.92010	1881.0000	273.150	-1.33	123.83	3
347	C2H2ClF7S	pentafluoro(2-chloro-2,2-difluoroethyl) sulfur	68010-35-5	7.88010	1719.9000	273.150	-23.17	92.92	3
348	C2H2Cl2	1,1-dichloroethylene	75-35-4	7.42876	1265.8783	247.291	-50.38	51.46	1,2
349	C2H2Cl2	cis-1,2-dichloroethylene	156-59-2	7.43392	1364.0900	239.245	-27.23	230.85	1,2
350	C2H2Cl2	trans-1,2-dichloroethylene	156-60-5	7.40724	1315.6216	242.804	-49.80	243.35	1,2
351	C2H2Cl2	1,2-dichloroethylene, cis and trans	540-59-0	7.57331	1391.1237	240.774	-29.14	76.00	3
352	C2H2Cl2	dichloroethylene	25323-30-2	7.46616	1352.9841	239.384	-57.00	76.41	3
353	C2H2Cl2F2	1,1-dichloro-1,2-difluoroethane	1842-05-3	9.14022	1462.8208	215.741	-36.04	29.77	3
354	C2H2Cl2F2	1,1-dichloro-2,2-difluoroethane	471-43-2	10.71955	2027.8056	240.732	-32.10	28.29	3
355	C2H2Cl2F2	1,2-dichloro-1,1-difluoroethane	1649-08-7	7.10334	1142.7349	224.278	-37.05	67.51	1,2
356	C2H2Cl2F2	1,2-dichloro-1,2-difluoroethane	431-06-1	6.91184	1016.9190	205.473	-33.46	67.16	1,2
357	C2H2Cl2F2	dichlorodifluoroethane	25915-78-0	9.90175	1832.5481	243.054	-37.19	29.65	3
358	C2H2Cl2O	chloroacetyl chloride	79-04-9	7.30233	1420.7980	215.487	9.95	129.53	1,2
359	C2H2Cl2O	dichloroacetaldehyde	79-02-7	7.24047	1377.4803	225.411	-4.68	113.98	1,2
360	C2H2Cl2O2	dichloroacetic acid	79-43-6	7.64586	1868.4350	198.063	83.08	220.49	1,2
361	C2H2Cl3F	1,1,1-trichloro-2-fluoroethane	2366-36-1	7.09722	1396.9319	237.758	-8.65	119.02	2
362	C2H2Cl3F	1,1,2-trichloro-1-fluoroethane	811-95-0	6.88577	1172.9403	205.022	-5.74	111.86	1,2
363	C2H2Cl3F	1,1,2-trichloro-2-fluoroethane	359-28-4	7.58810	1619.1502	241.516	4.25	125.95	1,2
364	C2H2Cl4	1,1,1,2-tetrachloroethane	630-20-6	6.77165	1402.2168	222.340	20.61	168.27	1,2
365	C2H2Cl4	1,1,2,2-tetrachloroethane	79-34-5	6.87194	1369.9004	197.086	36.21	174.15	1,2
366	C2H2Cl4S	bis(dichloromethyl) sulfide	51174-93-7	10.14900	4255.9670	396.563	68.62	214.30	3
367	C2H2FN	fluoroacetone nitrile	503-20-8	8.53174	1992.8000	273.150	-8.56	99.34	1,2
368	C2H2F2	1,1-difluoroethylene	75-38-7	6.89769	695.5101	256.297	-144.00	29.65	1,2
369	C2H2F4	1,1,1,2-tetrafluoroethane	811-97-2	7.04073	906.7124	244.514	-101.15	101.06	1,2
370	C2H2F4	1,1,2,2-tetrafluoroethane	359-35-3	7.27202	1020.1046	255.456	-92.81	118.65	1,2
371	C2H2F4O	tetrafluorodimethyl ether	1691-17-4	7.93422	1308.8268	254.299	-65.55	23.27	1,2
372	C2H2F4O2S	fluorosulfurous acid, 2,2,2-trifluoroethyl ester	75988-14-6	8.18010	1755.0000	273.150	-28.72	77.97	3
373	C2H2F6P2	1,2-bis(trifluoromethyl)-diphosphine	462-57-7	7.15120	1285.0300	232.770	-40.15	90.97	3
374	C2H2F8S	tetrafluoro(fluro-methyl)(trifluoro-methyl) sulfur	56919-36-9	7.20010	1425.0000	273.150	-43.31	81.48	3
375	C2H2F8S	pentafluoro(2,2,2-trifluoroethyl)sulfur	65227-29-4	7.77010	1530.8000	273.150	-47.04	60.48	3
376	C2H2I2	cis-1,2-diiodoethene	590-26-1	7.48298	1791.5709	208.247	60.85	208.29	3
377	C2H2I2	trans-1,2-diiodoethylene	590-27-2	7.41224	1743.5390	203.724	68.18	208.42	3
378	C2H2I4	1,1,1,2-tetraiodoethane	---	6.20184	1839.4417	161.172	192.44	447.92	3
379	C2H2I4	1,1,2,2-tetraiodoethane	---	6.28755	1882.5285	159.885	196.15	446.27	3
380	C2H2O	ketene	463-51-4	7.14290	893.7123	259.188	-113.70	-33.56	1,2
381	C2H2O4	oxalic acid	144-62-7	6.10678	1659.1509	149.212	175.68	418.03	1,2
382	C2H3Br	vinyl bromide	593-60-2	7.40485	1204.6473	250.427	-62.34	34.83	1,2
383	C2H3BrClF	2-bromo-2-chloro-1-fluoroethane	430-54-6	7.58510	1672.5000	273.150	-19.17	106.68	3
384	C2H3BrO	acetyl bromide	506-96-7	5.58620	641.7985	161.230	-21.29	105.70	1,2
385	C2H3BrSi	(bromoethynyl)silane	68196-78-1	8.19400	1763.0000	273.150	-28.08	78.60	3
386	C2H3Br2F	1,2-dibromo-1-fluoroethane	358-97-4	7.42882	1561.8952	219.574	23.38	158.10	1,2
387	C2H3Br3	1,1,1-tribromoethane	2311-14-0	6.95466	1603.2336	207.970	61.27	216.97	2
388	C2H3Br3	1,1,2-tribromoethane	78-74-0	7.42274	1782.6680	203.542	74.01	216.81	1,2
389	C2H3Cl	vinyl chloride	75-01-4	6.90863	910.2860	239.800	-85.74	4.46	1,2
390	C2H3ClF2	1-chloro-1,1-difluoroethane	75-68-3	7.07437	968.4959	240.899	-81.46	137.11	1,2
391	C2H3ClF2	1-chloro-1,2-difluoroethane	338-64-7	6.24457	972.1871	253.968	-68.60	63.46	1,2
392	C2H3ClF2	2-chloro-1,1-difluoroethane	338-65-8	7.29712	1286.5162	256.210	-51.91	56.41	1,2
393	C2H3ClF2	chlorodifluoroethane	25497-29-4	7.08932	1128.7775	253.968	-68.60	34.91	3
394	C2H3ClF6OS	pentafluoro(2-fluoro-2-chloroethoxy) sulfur	900001-58-3	6.76698	1114.5920	197.264	-3.99	113.63	3
395	C2H3ClGe	(chloroethynyl)-germane	68196-76-9	8.23200	1761.0000	273.150	-29.65	75.55	3
396	C2H3ClO	acetyl chloride	75-36-5	7.28361	1259.9327	234.317	-33.81	72.85	1,2
397	C2H3ClO	chloroacetaldehyde	107-20-0	7.26359	1338.8586	220.432	-6.68	107.58	1,2
398	C2H3ClO2	chloroacetic acid	79-11-8	7.54242	1714.4498	178.731	78.40	214.84	1,2
399	C2H3ClO2	methyl chloroformate	79-22-1	7.46446	1367.8815	227.876	-16.28	91.93	1,2
400	C2H3ClSi	(chloroethynyl)silane	58468-21-6	8.26300	1645.0000	273.150	-46.66	50.60	3

Table 1 Vapor Pressure – Organic Compounds

log ₁₀ P = A - B/(T + C) (P - mmHg, T - C)									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
401	C2H3Cl2F	1,1-dichloro-1-fluoroethane	1717-00-6	7.09864	1149.7160	240.735	-52.21	204.35	1,2
402	C2H3Cl2F	1,1-dichloro-2-fluoroethane	430-53-5	7.58024	1375.5860	241.358	-32.31	73.44	2
403	C2H3Cl2F	1,2-dichloro-1-fluoroethane	430-57-9	7.01625	1271.8248	231.693	-20.29	99.99	1,2
404	C2H3Cl3	1,1,1-trichloroethane	71-55-6	7.00849	1253.4670	229.624	-30.05	271.85	1,2
405	C2H3Cl3	1,1,2-trichloroethane	79-00-5	7.15173	1459.5820	228.099	9.16	139.83	1,2
406	C2H3Cl3Si	trichlorovinylsilane	75-94-5	7.06319	1402.9767	242.600	-11.21	118.87	1,2
407	C2H3Cl5Si	(1,2-dichloroethyl)-trichlorosilane	684-00-4	7.93559	2227.0000	260.000	60.85	208.47	3
408	C2H3F	vinyl fluoride	75-02-5	7.24384	857.1623	268.611	-131.33	54.65	1,2
409	C2H3FO	acetyl fluoride	557-99-3	5.08638	597.8901	250.282	-103.97	63.65	1,2
410	C2H3FO2	fluoroacetic acid	144-49-0	9.13653	2775.1000	275.610	65.46	190.43	1,2
411	C2H3F3	1,1,1-trifluoroethane	420-46-2	7.11963	867.8636	251.982	-111.33	72.71	1,2
412	C2H3F3	1,1,2-trifluoroethane	430-66-0	6.75947	842.3240	212.319	-84.00	23.33	1,2
413	C2H3F3N2	1,1,1-trifluoroazomethane	690-21-1	7.87600	1377.0000	273.150	-72.89	20.19	3
414	C2H3F3O	methyl trifluoromethyl ether	421-14-7	7.78956	1173.9579	262.736	-89.83	-7.96	1,2
415	C2H3F3O	2,2,2-trifluoroethanol	75-89-8	7.66460	1328.0818	203.622	-4.35	92.64	1,2
416	C2H3F3O2Si	silyl(trifluoroacetate)	6876-44-4	8.16800	1604.0000	273.150	-49.38	48.54	3
417	C2H3F3Se	methyl(trifluoro-methyl) selenide	1544-45-2	7.66010	1448.0000	273.150	-64.15	50.19	3
418	C2H3F5O3S	pentafluorosulfur peroxyacetate	60672-60-8	7.90540	1895.0000	273.150	1.27	128.03	3
419	C2H3I	vinyl iodide	593-66-8	7.03683	1239.1024	242.097	-36.84	79.33	1,2
420	C2H3IO	acetyl iodide	507-02-8	10.19619	3691.9656	396.686	-0.60	129.66	1,2
421	C2H3I3	1,1,1-triiodoethane	594-21-8	10.61802	3154.6606	187.065	140.93	272.24	2
422	C2H3I3	1,1,2-triiodoethane	---	10.87620	3253.7253	186.289	143.16	275.16	2
423	C2H3N	acetonitrile	75-05-8	7.54423	1583.4004	257.887	-43.83	272.35	1,2
424	C2H3N	methyl isocyanide	593-75-9	5.97357	847.8977	192.506	-45.00	111.21	2
425	C2H3NO	methyl isocyanate	624-83-9	6.69617	915.4883	200.848	-40.13	59.65	1,2
426	C2H3NS	methyl isothiocyanate	556-61-6	7.46672	1696.4200	250.920	11.41	144.99	1,2
427	C2H3NS	methyl thiocyanate	556-64-9	7.25578	1625.7275	238.698	21.18	160.36	1,2
428	C2H4	ethylene	74-85-1	6.96867	649.8057	262.730	-169.15	9.20	1,2
429	C2H4BrCl	1-bromo-1-chloroethane	593-96-4	6.00037	770.1900	163.891	-9.86	109.37	1,2
430	C2H4BrCl	1-bromo-2-chloroethane	107-04-0	6.58011	1130.0726	198.483	-0.40	134.06	1,2
431	C2H4BrF	1-bromo-2-fluoroethane	762-49-2	7.39003	1554.1000	273.150	-29.94	96.15	1,2
432	C2H4BrF	1-bromo-1-fluoroethane	2311-13-9	7.42302	1565.9000	273.150	-29.35	96.06	3
433	C2H4Br2	1,1-dibromoethane	557-91-5	6.98331	1329.8026	216.095	6.16	133.72	1,2
434	C2H4Br2	1,2-dibromoethane	106-93-4	7.24196	1610.3596	238.402	9.79	377.00	1,2
435	C2H4ClF	1-chloro-1-fluoroethane	1615-75-4	7.20144	1178.5829	256.631	-66.58	36.58	1,2
436	C2H4ClF	1-chloro-2-fluoroethane	762-50-5	6.71862	947.7790	193.809	-28.07	74.17	1,2
437	C2H4ClF	chlorofluoroethane	110587-14-9	7.54750	1306.1113	246.452	-46.97	54.25	2
438	C2H4ClN3	1-chloro-2-azidoethane	53422-48-3	7.08983	1806.3690	273.150	-0.15	189.08	3
439	C2H4Cl2	1,1-dichloroethane	75-34-3	7.18076	1268.9377	237.755	-32.45	249.85	1,2
440	C2H4Cl2	1,2-dichloroethane	107-06-2	7.29016	1406.7116	235.480	-35.66	288.45	1,2
441	C2H4Cl2O	bis(chloromethyl) ether	542-88-1	7.28725	1449.7134	224.949	5.63	129.24	1,2
442	C2H4Cl2S	bis(chloromethyl) sulfide	3592-44-7	8.42601	2383.4550	273.150	46.85	181.35	3
443	C2H4Cl6Si2	1,2-bis(trichlorosilyl)ethane	2504-64-5	7.83551	2242.0000	251.000	76.99	230.77	3
444	C2H4Cl6Si2	1,1,1,3,3,3-hexachloro-2-methyl-1,3-disilapropane	18076-92-1	8.10890	2425.0000	273.150	54.85	219.03	3
445	C2H4FNO2	2-fluoroethyl nitrate	4528-33-0	8.83010	2000.0000	273.150	-17.73	80.94	3
446	C2H4F2	1,1-difluoroethane	75-37-6	7.14682	937.8957	244.854	-92.27	113.26	1,2
447	C2H4F2	1,2-difluoroethane	624-72-6	7.39569	1124.5264	238.572	-62.75	28.29	1,2
448	C2H4F3OP	methyl(trifluoro-methyl)phosphinite	6395-71-7	7.17177	1174.8000	236.910	-46.56	57.53	3
449	C2H4F6OS	pentafluoro(2-fluoroethoxy)sulfur	900001-59-4	6.63058	1023.8700	183.760	-1.92	113.12	3
450	C2H4I2	1,1-diiodoethane	594-02-5	5.13339	736.5900	103.620	63.01	273.82	2
451	C2H4I2	1,2-diiodoethane	624-73-7	6.17867	1068.7721	124.031	82.35	232.60	1,2
452	C2H4N2O4	1,1-dinitroethane	600-40-8	7.93517	1971.4288	204.495	79.77	210.25	1,2
453	C2H4N2O4	1,2-dinitroethane	7570-26-5	8.55452	2147.4868	204.495	79.77	195.21	3
454	C2H4N2O6	ethylene glycol dinitrate	628-96-6	5.83284	1378.9295	192.638	92.69	327.52	3
455	C2H4N2S2	ethanedithioamide	79-40-3	12.71300	5515.0000	273.150	197.69	305.48	3
456	C2H4O	acetaldehyde	75-07-0	7.31939	1176.3175	244.272	-58.13	192.85	1,2
457	C2H4O	ethylene oxide	75-21-8	7.19462	1100.6722	243.301	-65.62	196.00	1,2
458	C2H4O	ethanol	557-75-5	8.84622	1551.2083	249.531	-51.83	24.32	3
459	C2H4O2	acetic acid	64-19-7	7.27594	1327.1634	183.913	16.66	318.80	1,2
460	C2H4O2	methyl formate	107-31-3	7.05336	1138.3109	236.959	-48.91	214.05	1,2
461	C2H4O3	peroxyacetic acid	79-21-0	12.02234	3061.7732	258.895	14.40	87.44	3
462	C2H4S	ethylene sulfide	420-12-2	7.11139	1238.6882	237.244	-34.56	77.98	1,2
463	C2H5AsBr2	dibromoethylarsine	683-43-2	8.49558	2608.7000	273.150	74.88	217.79	3
464	C2H5AsCl2	ethylchloroarsine	598-14-1	6.21139	1035.2000	155.450	43.19	186.25	3
465	C2H5AsF2	ethyldifluoroarsine	430-40-0	7.57623	1563.9941	238.790	-0.96	117.12	3
466	C2H5BCl2O	dichloroethoxyborane	16339-28-9	6.76300	1101.1000	205.750	-14.69	101.72	3
467	C2H5Br	bromoethane	74-96-4	7.31438	1260.4164	245.939	-46.33	230.65	1,2
468	C2H5BrHg	bromoethylmercury	107-26-6	10.44600	3994.0000	273.150	149.67	276.67	3
469	C2H5Cl	ethyl chloride	75-00-3	6.94677	1064.7090	246.009	-66.97	187.20	1,2
470	C2H5ClO	2-chloroethanol	107-07-3	8.52842	2283.2820	275.442	27.85	151.61	1,2
471	C2H5ClO	chloromethyl methyl ether	107-30-2	7.35419	1277.4295	229.513	-28.48	81.27	1,2
472	C2H5ClO2S	ethanesulfonyl chloride	594-44-5	8.02158	2187.4700	250.174	61.36	201.81	3
473	C2H5Cl2FSi	dichloroethylfluoro-silane	421-22-7	7.68110	1609.5000	273.150	-32.25	84.58	3
474	C2H5Cl2P	dichloroethylphosphine	1498-40-4	6.34080	1029.0000	185.400	7.27	140.34	3
475	C2H5Cl3OSi	trichloroethoxysilane	1825-82-7	7.15854	1427.2045	231.736	0.01	127.16	3
476	C2H5Cl3Si	dichloro(chloromethyl)methylsilane	1558-33-4	5.77755	916.8893	195.025	-3.11	158.21	3
477	C2H5F	ethyl fluoride	353-36-6	7.21141	953.9420	257.429	-103.85	102.15	1,2
478	C2H5FO	2-fluoroethanol	371-62-0	9.03031	2315.4694	273.030	15.31	122.88	1,2
479	C2H5FO3S	ethyl fluorosulfonate	371-69-7	8.08800	2010.7000	273.150	-0.15	136.68	3
480	C2H5F2N	N,N-difluoroethanamine	758-18-9	6.91589	1009.5300	233.370	-62.72	36.99	3

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mmHg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
481	C2H5F3NP	amide methyl(trifluoro-methyl)phosphinite	4669-74-3	7.23614	1311.9100	224.680	-35.15	98.91	3
482	C2H5F3OSi	ethoxytrifluorosilane	460-55-9	5.25420	358.5000	158.050	-73.78	14.94	3
483	C2H5F3Si	ethyltrifluorosilane	353-89-9	7.49669	1165.1400	256.820	-77.48	13.21	3
484	C2H5HgI	ethylmercuriodide	2440-42-8	11.15210	4163.0000	273.150	136.91	249.17	3
485	C2H5I	ethyl iodide	75-03-6	7.19600	1336.7770	237.434	-21.69	95.58	1,2
486	C2H5N	ethyleneimine	151-56-4	7.15959	1176.4863	219.609	-28.61	76.83	1,2
487	C2H5NO	acetamide	60-35-5	7.40606	1807.1500	178.098	81.00	249.71	1,2
488	C2H5NO	N-methylformamide	123-39-7	7.49425	1885.0045	209.081	81.18	228.03	1,2
489	C2H5NO2	nitroethane	79-24-3	7.50847	1640.8054	240.115	11.99	139.12	1,2
490	C2H5NO3	ethyl nitrate	625-58-1	7.30952	1413.0669	231.820	-7.86	110.52	1,2
491	C2H6	ethane	74-84-0	6.95185	698.9298	260.264	-142.83	32.17	1,2
492	C2H6AlCl	dimethylaluminum chloride	1184-58-3	6.83350	1342.7861	213.714	16.47	154.00	3
493	C2H6BCl2N	dichloro(dimethyl-amino)borane	1113-31-1	6.97855	1392.6000	225.330	7.60	141.46	3
494	C2H6BF3S	dimethyl sulfide-boron trifluoride(1:1)-complex	353-43-5	9.80600	2227.0000	273.150	-20.25	63.04	3
495	C2H6Cl2Ge	dimethylgermanium dichloride	1529-48-2	7.10756	1454.9300	221.220	17.00	149.40	3
496	C2H6Cl2OSi	dichloroethoxysilane	6485-90-1	7.90040	1744.5000	273.150	-20.34	96.56	3
497	C2H6Cl2Si	dichlorodimethylsilane	75-78-5	7.12722	1292.1504	234.923	-24.04	247.20	1,2
498	C2H6Cl2Si	ethyldichlorosilane	1789-58-8	7.62493	1664.0000	276.000	-24.83	98.51	1,2
499	C2H6Cl4Si2	1,2,2,2-tetrachloro-1,1-dimethyldisilane	26980-43-8	7.14487	1680.7900	236.840	26.85	187.28	3
500	C2H6FO3P	dimethyl fluorophosphate	5954-50-7	8.42510	2319.5000	274.150	38.24	168.23	3
501	C2H6F3NS	dimethylaminosulfur trifluoride	3880-03-3	8.29564	2115.3000	273.150	16.79	140.50	1,2
502	C2H6Hg	dimethyl mercury	593-74-8	6.91434	1293.4307	227.670	-13.50	118.86	3
503	C2H6N2O	N-nitrosodimethylamine	62-75-9	7.53813	1890.2752	253.022	30.70	180.90	1,2
504	C2H6N2S	dimethyl sulfur diimide	13849-02-0	8.07884	1941.7000	273.150	-25.15	123.36	3
505	C2H6O	ethyl alcohol	64-17-5	8.12875	1660.8713	238.131	-5.15	240.75	1,2
506	C2H6O	dimethyl ether	115-10-6	7.15400	977.8136	252.976	-94.08	127.23	1,2
507	C2H6OS	2-mercaptoethanol	60-24-2	7.45119	1624.2221	198.330	53.44	183.04	1,2
508	C2H6O2	ethylene glycol	107-21-1	9.69599	3145.8596	264.246	97.51	350.00	1,2
509	C2H6O2S	dimethyl sulfone	67-71-0	7.33080	1903.4848	189.900	108.90	269.09	1,2
510	C2H6O3S	dimethyl sulfite	616-42-2	6.40627	1222.9320	221.036	5.17	158.44	1,2
511	C2H6O4S	dimethyl sulfate	77-78-1	6.55929	1436.9444	193.786	64.69	231.67	1,2
512	C2H6S	ethyl mercaptan	75-08-1	7.12083	1193.8233	245.711	-50.67	226.00	1,2
513	C2H6S	dimethyl sulfide	75-18-3	7.07585	1150.8686	236.491	-47.07	229.89	1,2
514	C2H6S2	1,2-ethanedithiol	540-63-6	7.13440	1537.7260	215.462	35.21	173.58	1,2
515	C2H6S2	dimethyl disulfide	624-92-0	7.25695	1502.7256	233.641	6.53	341.85	1,2
516	C2H6Se	dimethyl selenide	593-79-3	7.20612	1315.9800	247.251	-35.21	79.76	3
517	C2H6Te	dimethyl telluride	593-80-6	7.59028	1688.8200	263.460	-7.20	119.63	3
518	C2H7BO2	dimethoxyborane	4542-61-4	6.91474	1033.6979	230.351	-55.58	46.56	3
519	C2H7ClO2Si	chlorodimethoxy-silane	4861-14-7	8.06160	1774.0000	273.150	-21.93	90.39	3
520	C2H7ClSi	chlorodimethylsilane	1066-35-9	7.60461	1458.0000	273.150	-52.40	56.51	3
521	C2H7FGe	fluorodimethyl-germane	34117-35-6	8.41000	1822.0000	273.150	-31.15	75.35	3
522	C2H7N	ethylamine	75-04-7	6.65765	759.2548	183.179	-48.98	183.00	1,2
523	C2H7N	dimethylamine	124-40-3	7.10456	996.0027	227.960	-64.80	164.05	1,2
524	C2H7NO	monoethanolamine	141-43-5	7.44237	1560.9667	171.200	71.10	365.05	1,2
525	C2H8N2	ethylenediamine	107-15-3	7.61655	1593.2458	218.580	11.14	140.69	1,2
526	C2H8N2	1,1-dimethylhydrazine	57-14-7	7.27607	1252.9463	221.118	-21.48	84.91	1,2
527	C2H8N2	1,2-dimethylhydrazine	540-73-8	5.59067	629.2035	145.140	-8.90	116.07	1,2
528	C2H8Si	dimethyl silane	1111-74-6	7.33941	943.6066	241.120	-92.27	-0.82	2
529	C2H9BS	borane-methyl sulfide complex	13292-87-0	10.27794	2346.0000	273.150	-20.29	57.45	3
530	C2H9FOSi2	1-fluoro-1,3-dimethyldisiloxane	35192-38-2	6.32253	1162.7400	274.470	-78.15	95.75	3
531	C2N2	cyanogen	460-19-5	6.94416	779.2370	212.922	-81.83	127.00	1,2
532	C3AsF9	tris(trifluoromethyl)-arsine	432-02-0	7.86600	1528.0000	273.150	-50.60	53.06	3
533	C3BF9S3	tris(trifluoromethyl-thio)borane(3)	36884-78-3	7.32315	1772.5400	273.150	7.18	154.87	3
534	C3BrClF6O4	1,1,2,3,3,3-hexafluoro-2-bromopropyl perchlorate	38126-26-0	8.13464	1991.1400	273.150	-0.15	128.87	3
535	C3BrF5O	2,3,3,3-tetrafluoro-2-bromopropionyl fluoride	6129-62-0	6.77572	943.9700	213.040	-49.60	49.62	3
536	C3BrF7Se	heptafluoro-1-propane selenyl bromide	662-44-2	7.85210	1829.0000	273.150	-22.15	118.48	3
537	C3Br2F6O	(trifluoromethyl)-(1,2,2-trifluoro-1,2-dibromoethyl)ether	2356-57-2	8.18410	1806.0000	273.150	-21.76	87.89	3
538	C3Br3F6NO	1,1,1,1,1',1'-hexafluoro-N-(tribromomethoxy)-dimethylamine	29528-78-7	5.72010	1510.0000	273.150	23.85	321.75	3
539	C3ClF5O	chloropentafluoroacetone	79-53-8	6.68208	869.4219	220.719	-67.71	27.67	1,2
540	C3ClF5O	propanoyl fluoride, 2-chloro-2,3,3,3-tetrafluoro-	28627-00-1	7.28100	1248.0000	273.150	-78.15	31.30	3
541	C3ClF6NO2	O-(chloroformyl)-N,N-bis(trifluoromethyl)-hydroxylamine	15496-01-2	8.69630	1804.5000	273.150	-46.15	54.08	3
542	C3ClF7	1-chloro-1,1,2,2,3,3,3-heptafluoropropane	422-86-6	7.41303	1156.8487	256.620	-76.23	16.79	3
543	C3ClF7	2-chloro-1,1,1,2,2,3,3,3-heptafluoropropane	76-18-6	7.46073	1165.4538	256.620	-76.23	15.95	1,2
544	C3ClF7O	heptafluoroisopropyl hypochlorite	22675-68-9	6.47146	966.2040	248.237	-79.15	45.48	3
545	C3ClF8N	N-chloro-N,1,2,2,2-pentafluoro-1-(trifluoromethyl)ethylamine	33757-13-0	7.70881	1503.0000	273.150	-49.12	58.86	3
546	C3ClF11S	chlorotetrafluoro-(heptafluoropropyl) sulfur	42769-86-8	7.93010	1768.0000	273.150	-18.03	99.20	3
547	C3Cl2F6	1,2-dichlorohexafluoropropane	661-97-2	7.48297	1298.3996	246.029	-45.75	55.85	1,2
548	C3Cl2F6	1,3-dichloro-1,1,2,2,3,3-hexafluoropropane	662-01-1	7.44318	1290.4308	246.029	-45.75	56.79	2
549	C3Cl2F6O	1,1,2,3,3,3-hexafluoro-2-chloropropyl	22675-69-0	6.91865	1546.9500	273.150	-11.78	140.83	3
550	C3Cl2F7N	N,N-dichloro-1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethylamine	32751-04-5	7.84704	1706.1000	273.150	-23.98	92.56	3
551	C3Cl2F7NS	S,S-dichloro-N-tetrafluoro-1-(trifluoromethyl)-ethylsulfonamide	26454-66-0	8.13703	2055.2700	273.150	14.82	141.62	3
552	C3Cl3F5	1,1,1-trichloro-2,2,3,3,3-pentafluoropropane	4259-43-2	7.30658	1368.9204	235.492	-18.43	96.39	3
553	C3Cl3F5	1,2,2-trichloro-1,1,3,3,3-pentafluoropropane	1599-41-3	7.19017	1335.3113	236.048	-20.33	97.09	3
554	C3Cl3F5	1,2,3-trichloro-1,1,2,3,3-pentafluoropropane	76-17-5	7.29978	1366.4587	235.576	-18.67	96.32	1,2
555	C3Cl3F5O	chlorodifluoromethyl 2,2-dichloro-1,1,2-trifluoroethyl ether	37136-24-6	6.87986	1174.8000	216.240	-16.44	101.44	3
556	C3Cl4F4	1,1,1,3-tetrachloro-2,2,3,3-tetrafluoropropane	2268-46-4	7.95789	2093.5160	298.497	2.39	139.84	1,2
557	C3Cl5F3	1,1,1,3,3-pentachloro-2,2,3-trifluoropropane	2354-06-5	7.30364	1638.6494	214.248	45.70	183.31	1,2
558	C3Cl5F3O	trichloromethyl 2,2-dichloro-1,1,2-trifluoroethyl ether	428-73-9	6.89569	1421.2500	203.240	37.83	179.45	3
559	C3Cl6	hexachloropropene	1888-71-7	7.25117	1813.7477	205.462	84.68	240.25	1,2
560	C3Cl6F2	hexachlorodifluoropropane	661-96-1	7.48104	1841.6775	201.354	82.81	227.02	2

Table 1 Vapor Pressure – Organic Compounds

log ₁₀ P = A - B/(T + C) (P - mmHg, T - C)									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
561	C3Cl7F	1,1,1,2,2,3,3-heptachloro-3-fluoropropane	422-78-6	7.88722	2093.7157	190.790	113.21	254.17	3
562	C3F3N2P	dicyano(trifluoro-methyl)phosphine	58310-46-6	7.54118	1490.5500	209.420	17.85	132.50	3
563	C3F3N3	cyanuric fluoride	675-14-9	7.43863	1320.9000	217.110	-11.96	93.19	1,2
564	C3F4	tetrafluoropropyne	20174-11-2	7.28010	980.0000	273.150	-117.10	-34.02	3
565	C3F4O	trifluoroacryloyl fluoride	667-49-2	7.67819	1462.0000	273.150	-54.23	52.00	1,2
566	C3F5N	2,2-difluoro-3-(trifluoromethyl)-2h-azirine	3291-42-7	7.83010	1254.0000	273.150	-89.55	-3.37	3
567	C3F5NO3	1,1,1,3,3-pentafluoro-3-nitro-2-propanone	388-00-1	7.89300	1532.0000	273.150	-50.90	52.04	3
568	C3F6	hexafluoropropylene	116-15-4	6.84685	887.1637	251.690	-99.96	-9.63	1,2
569	C3F6O	hexafluoroacetone	684-16-2	7.04955	872.2772	236.513	-92.32	83.99	1,2
570	C3F6O	perfluorooxetane	425-82-1	6.76093	751.4296	222.661	-92.23	-10.72	1,2
571	C3F6O	trifluoromethyl trifluorovinyl ether	1187-93-5	7.71609	1195.0385	273.150	-95.21	-9.53	1,2
572	C3F6O4S	anhydride of pentafluoropropionic acid and fluorosulfuric acid	51689-98-6	6.73481	969.9670	190.202	-21.15	82.80	3
573	C3F6O7S2	hydroacrylic acid, tetrafluoroanhydride with fluorosulfuric acid, fluorosulfate	6378-48-9	7.13427	1325.9410	181.594	34.56	153.88	3
574	C3F7NOS	1,1,1,2,2,3,3-heptafluoro-N-sulfinyl-2-propanamine	26454-67-1	8.20920	1781.0900	273.150	-26.09	81.13	3
575	C3F7NO2	perfluoro-1-nitropropane	423-33-6	7.86500	1491.0000	273.150	-55.96	45.23	3
576	C3F7NO2	O-(fluoroformyl)-N,N-bis(trifluoromethyl)-hydroxylamine	15496-00-1	6.45010	1494.0000	273.150	0.97	183.97	3
577	C3F8	octafluoropropane	76-19-7	7.35663	982.6014	258.535	-103.96	71.87	1,2
578	C3F8OS	(trifluoromethyl)-(pentafluoroethyl) sulfoxide	33622-17-2	7.66010	1483.0000	273.150	-50.48	58.01	3
579	C3F8S	(trifluoromethyl)-(pentafluoroethyl) sulfide	33547-10-3	7.28010	1228.0000	273.150	-77.61	26.49	3
580	C3F9N	tris(trifluoromethyl)-amine	432-03-1	7.61010	1250.0000	273.150	-84.05	9.13	3
581	C3F9NO	1,1,1-trifluoro-N-(trifluoromethoxy)-N-(trifluoromethyl)-methanamine	671-63-6	8.03160	1410.0000	273.150	-72.63	17.59	3
582	C3F9NO2S3	1,1,1-trifluoro-N,N-bis[(trifluoromethyl)-thio]methanesulfon-amide	29749-02-8	7.77848	1799.3600	239.854	14.85	151.60	3
583	C3F9N3O	nitroso-tris(trifluoro-methyl)hydrazine	10405-30-8	7.92000	1540.0000	273.150	-50.61	51.87	3
584	C3F9N3O2	nitro-tris(trifluoro-methyl)hydrazine	10405-31-9	7.90500	1650.0000	273.150	-34.19	76.19	3
585	C3F9P	tris(trifluoromethyl)-phosphine	423-04-1	7.32300	1289.6000	273.150	-69.20	38.26	3
586	C3F9PS2	bis(trifluoromethyl)(trifluoromethyl)phosphonodithioate	36121-49-0	8.40300	1980.0000	273.150	-5.69	106.08	3
587	C3F10OS	difluorooxo(trifluoromethyl)(pentafluoro-ethyl)sulfur	33564-24-8	7.83331	1598.8100	273.150	-39.18	70.57	3
588	C3F10O3S	pentafluoro(penta-fluoropropaneper-oxoato) sulfur	60672-62-0	8.27860	1798.4000	273.150	-26.07	79.70	3
589	C3F10S	[2,2-difluoro-1-(trifluoromethyl)-ethenyl]pentafluoro sulfur	68010-33-3	7.76010	1561.5000	273.150	-42.16	67.92	3
590	C3F10S	difluoro(pentafluoro-ethyl)(trifluoromethyl) sulfur	31222-06-7	7.69010	1525.0000	273.150	-45.20	65.12	3
591	C3F12O3S2	pentafluoro(2,2,2-trifluoro-1-[(fluorosulfonyl)oxy]-1-(trifluoromethyl)ethyl] sulfur	68010-30-0	8.02010	1942.5000	273.150	3.56	128.34	3
592	C3HClF6	1-chloro-1,1,2,2,3,3-hexafluoropropane	422-55-9	5.98415	860.9772	260.693	-87.95	46.55	3
593	C3HClF6	2-chloro-1,1,1,3,3,3-hexafluoropropane	431-87-8	6.06296	874.5913	260.693	-87.95	42.87	1,2
594	C3HClF6	1-chloro-1,1,2,3,3,3-hexafluoropropane	359-58-0	5.97213	858.9007	260.693	-87.95	47.13	1,2
595	C3HClF6	chlorohexafluoropropane	134308-72-8	5.98415	860.9772	260.693	-87.95	46.55	3
596	C3HClF6	2-chloro-1,1,1,2,2,3,3-hexafluoropropane	51346-64-6	5.98415	860.9772	260.693	-87.95	46.55	3
597	C3HClF6	3-chloro-1,1,1,2,2,3,3-hexafluoropropane	422-57-1	5.98415	860.9772	260.693	-87.95	46.55	3
598	C3HClF6O2S	chlorosulfurous acid, 2,2,2-trifluoro-1-(trifluoromethyl) ethyl ester	57169-81-0	8.06010	1918.0000	273.150	-1.48	120.02	3
599	C3HClF10S	[1-(chlorodifluoromethyl)-2,2,2-trifluoroethyl] pentafluoro sulfur	68010-36-6	7.51010	1628.5000	273.150	-23.00	103.10	3
600	C3HCl2F3	1,2-dichloro-3,3,3-trifluoropropene	431-27-6	7.34693	1316.7696	241.136	-33.67	75.01	1,2
601	C3HCl2F5	3,3-dichloro-1,1,1,2,2-pentafluoropropane	422-56-0	7.47191	1346.5222	241.886	-33.83	71.98	2
602	C3HCl2F5	1,3-dichloro-1,1,2,2,3-pentafluoropropane	507-55-1	7.60933	1385.8089	241.025	-31.35	74.69	1,2
603	C3HCl2F5	1,1-dichloro-1,2,2,3,3-pentafluoropropane	13474-88-9	7.60314	1381.9254	241.233	-31.95	73.91	2
604	C3HCl2F5	1,2-dichloro-1,1,3,3,3-pentafluoropropane	431-86-7	7.60314	1381.9254	241.233	-31.95	73.91	2
605	C3HCl2F5	1,3-dichloro-1,1,2,3,3-pentafluoropropane	136013-79-1	7.60314	1381.9254	241.233	-31.95	73.91	2
606	C3HCl2F5	1,1-dichloro-1,2,3,3,3-pentafluoropropane	111512-56-2	7.60314	1381.9254	241.233	-31.95	73.91	2
607	C3HCl2F5	dichloropentafluoropropane	127564-92-5	7.60314	1381.9254	241.233	-31.95	73.91	2
608	C3HCl2F5	2,2-dichloro-1,1,1,3,3-pentafluoropropane	128903-21-9	7.60314	1381.9254	241.233	-31.95	73.91	2
609	C3HCl2F5	2,3-dichloro-1,1,1,2,3-pentafluoropropane	422-48-0	7.57238	1375.4871	241.233	-31.95	73.91	1,2
610	C3HCl2F5	1,2-dichloro-1,1,2,3,3-pentafluoropropane	422-44-6	7.60314	1381.9254	241.233	-31.95	73.91	2
611	C3HCl3F4	trichlorotetrafluoropropane	134237-38-0	6.41726	1169.8027	236.090	-20.15	125.47	3
612	C3HCl3F4	1,3,3-trichloro-1,1,2,2-tetrafluoropropane	422-54-8	6.41726	1169.8027	236.090	-20.15	125.47	3
613	C3HCl3F4	1,1,3-trichloro-1,2,2,3-tetrafluoropropane	422-53-7	6.41726	1169.8027	236.090	-20.15	125.47	3
614	C3HCl3F4	1,1,1-trichloro-2,2,3,3-tetrafluoropropane	422-51-5	6.41726	1169.8027	236.090	-20.15	125.47	3
615	C3HCl4F3	tetrachlorotrifluoropropane	134237-37-9	6.67745	1333.4295	224.414	10.45	157.04	2
616	C3HCl4F3	1,1,3,3-tetrachloro-1,2,2-trifluoropropane	422-52-6	6.66928	1331.5102	224.414	10.45	157.39	1,2
617	C3HCl4F3	1,1,1,3-tetrachloro-2,2,3-trifluoropropane	422-50-4	6.67745	1333.4295	224.414	10.45	157.04	2
618	C3HCl5F2	pentachlorodifluoropropane	134237-36-8	7.15126	1622.8983	212.182	51.65	196.67	2
619	C3HCl5F2	1,1,1,3-pentachloro-2,2-difluoropropane	422-49-1	7.01942	1588.1154	212.182	51.65	201.65	1,2
620	C3HCl6F	1,1,1,2,2,3-hexachloro-3-fluoropropane	422-26-4	7.04899	1715.9050	201.618	82.05	242.10	1,2
621	C3HF3	3,3,3-trifluoro-1-propyne	661-54-1	7.70803	1095.7776	273.150	-109.80	-31.05	1,2
622	C3HF6N	2,2,3-trifluoro-3-(trifluoromethyl)-aziridine	3291-64-3	8.09010	1576.0000	273.150	-50.87	47.94	3
623	C3HF7	heptafluoropropane	431-89-0	7.92294	1231.6250	260.607	-82.70	101.75	1,2
624	C3HF7	1,1,2,2,3,3,3-heptafluoropropane	2252-84-8	7.91461	1230.0697	260.612	-82.72	-0.71	1,2
625	C3HF7O	trifluoromethyl 1,1,2,2-tetrafluoroethyl ether	2356-61-8	6.99430	1102.1616	256.898	-73.03	32.20	3
626	C3HF7O	trifluoromethyl 1,2,2,2-tetrafluoroethyl ether	2356-62-9	6.99430	1102.1616	256.898	-73.03	32.20	3
627	C3HF7O2S	fluorosulfurous acid, 2,2,2-trifluoro-1-(trifluoromethyl)ethyl ester	52225-56-6	8.21010	1766.0000	273.150	-28.22	78.07	3
628	C3HF11S	pentafluoro[2,2,2-trifluoro-1-(trifluoromethyl)ethyl] sulfur	68010-34-4	7.71010	1571.5000	273.150	-38.95	73.89	3
629	C3HN	cyanoacetylene	1070-71-9	6.21699	712.9241	171.145	-34.49	63.74	1,2
630	C3H2ClF5	3-chloro-1,1,1,2,2-pentafluoropropane	422-02-6	6.28889	915.1099	260.543	-87.52	33.98	3
631	C3H2ClF5	chloropentafluoropropane	134237-41-5	6.28889	915.1099	260.543	-87.52	33.98	3
632	C3H2ClF5	1-chloro-1,2,2,3,3-pentafluoropropane	28103-66-4	6.28889	915.1099	260.543	-87.52	33.98	3
633	C3H2ClF5	1-chloro-1,1,2,2,3-pentafluoropropane	679-99-2	6.28889	915.1099	260.543	-87.52	33.98	3
634	C3H2ClF5	1-chloro-1,1,3,3,3-pentafluoropropane	677-55-4	5.68942	811.3862	260.543	-87.52	63.03	1,2
635	C3H2ClF5	2-chloro-1,1,1,3,3-pentafluoropropane	134251-06-2	6.28889	915.1099	260.543	-87.52	33.98	3
636	C3H2ClF5	3-chloro-1,1,1,2,3-pentafluoropropane	422-02-6	5.69428	812.2265	260.543	-87.52	62.74	1,2
637	C3H2ClF5O	enflurane	13838-16-9	6.98926	1108.0483	213.200	-28.19	77.83	1,2
638	C3H2ClF5O	isoflurane	26675-46-7	6.97013	1077.7400	215.050	-34.53	69.88	1,2
639	C3H2Cl2F4	1,1-dichloro-1,3,3,3-tetrafluoropropane	64712-27-2	7.55591	1120.6190	215.338	-53.51	40.86	3
640	C3H2Cl2F4	1,1-dichloro-1,2,2,3-tetrafluoropropane	70192-63-1	7.59547	1287.5189	248.726	-53.51	42.99	3

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mmHg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
641	C3H2Cl2F4	1,1-dichloro-2,2,3,3-tetrafluoropropane	4071-01-6	7.59547	1287.5189	248.726	-53.51	42.99	3
642	C3H2Cl2F4	1,2-dichloro-1,1,2,3-tetrafluoropropane	149329-26-0	7.59547	1287.5189	248.726	-53.51	42.99	3
643	C3H2Cl2F4	1,2-dichloro-1,2,3,3-tetrafluoropropane	425-94-5	7.59547	1287.5189	248.726	-53.51	42.99	3
644	C3H2Cl2F4	1,3-dichloro-1,1,2,2-tetrafluoropropane	422-00-5	7.59547	1287.5189	248.726	-53.51	42.99	3
645	C3H2Cl2F4	1,3-dichloro-1,1,3,3-tetrafluoropropane	76140-39-1	7.59547	1287.5189	248.726	-53.51	42.99	3
646	C3H2Cl2F4	1,3-dichloro-1,2,2,3-tetrafluoropropane	70341-81-0	7.59547	1287.5189	248.726	-53.51	42.99	3
647	C3H2Cl2F4	2,2-dichloro-1,1,3,3-tetrafluoropropane	17705-30-5	7.59547	1287.5189	248.726	-53.51	42.99	3
648	C3H2Cl2F4	2,2-dichloro-1,1,1,3-tetrafluoropropane	149329-24-8	7.59547	1287.5189	248.726	-53.51	42.99	3
649	C3H2Cl2F4	2,3-dichloro-1,1,1,2-tetrafluoropropane	149329-25-9	7.59547	1287.5189	248.726	-53.51	42.99	3
650	C3H2Cl2F4	2,3-dichloro-1,1,1,3-tetrafluoropropane	146916-90-7	7.59547	1287.5189	248.726	-53.51	42.99	3
651	C3H2Cl2F4	dichlorotetrafluoropropane	127564-83-4	7.59547	1287.5189	248.726	-53.51	42.99	3
652	C3H2Cl3F3	1,1,1-trichloro-3,3,3-trifluoropropane	7125-84-0	11.82547	2534.4983	214.193	19.93	79.03	3
653	C3H2Cl3F3	1,1,1-trichloro-2,2,3-trifluoropropane	131211-71-7	7.36442	1370.1805	236.438	-21.15	91.15	3
654	C3H2Cl3F3	1,1,3-trichloro-1,2,2-trifluoropropane	421-99-8	7.36442	1370.1805	236.438	-21.15	91.15	3
655	C3H2Cl3F3	trichlorotrifluoropropane	134237-40-4	7.36442	1370.1805	236.438	-21.15	91.15	3
656	C3H2Cl3F3	1,1,3-trichloro-2,2,3-trifluoropropane	131221-36-8	7.36442	1370.1805	236.438	-21.15	91.15	3
657	C3H2Cl4	1,2,3,3-tetrachloro-1-propene	20589-85-9	7.94691	1785.3441	211.028	45.97	163.65	3
658	C3H2Cl4	1,1,2,3-tetrachloropropene	10436-39-2	8.23670	1879.6508	209.569	50.17	162.28	3
659	C3H2Cl4F2	tetrachlorodifluoropropane	134237-39-1	7.48845	1550.1417	223.858	15.05	140.45	2
660	C3H2Cl4F2	1,1,3,3-tetrachloro-2,2-difluoropropane	1112-14-7	7.48845	1550.1417	223.858	15.05	140.45	2
661	C3H2Cl4F2	1,1,1,3-tetrachloro-2,2-difluoropropane	677-54-3	7.48845	1550.1417	223.858	15.05	140.45	2
662	C3H2Cl5F	pentachlorofluoropropane	134190-48-0	7.83872	1815.1610	211.334	54.09	178.45	3
663	C3H2FNOS	fluoroacetylthio-cyanate	459-71-2	9.02530	2576.8000	273.150	47.93	167.82	3
664	C3H2F4	2,3,3,3-tetrafluoropropene	754-12-1	7.49380	1088.4413	264.251	-96.64	94.70	1,2
665	C3H2F4	1,3,3,3-tetrafluoropropene	1645-83-6	7.51822	1137.7051	261.332	-86.79	109.37	1,2
666	C3H2F6	1,1,1,2,2,3-hexafluoropropane	677-56-5	7.06094	864.8229	208.329	-65.64	18.18	1,2
667	C3H2F6	1,1,1,2,3,3-hexafluoropropane	431-63-0	8.11795	1364.2566	254.327	-62.66	139.29	1,2
668	C3H2F6	1,1,1,3,3,3-hexafluoropropane	690-39-1	6.81006	833.4205	213.597	-70.15	124.92	1,2
669	C3H2F6	1,1,2,2,3,3-hexafluoropropane	680-00-2	7.45522	942.7107	206.380	-60.34	28.07	2
670	C3H2F6	hexafluoropropane	---	8.42668	1408.8166	254.327	-64.63	22.82	2
671	C3H2F6N2S	2,2,2-trifluoro-N-[(trifluoromethyl)thio]ethanimidamide	62067-09-8	8.02010	2080.0000	273.150	23.14	156.76	3
672	C3H2F6O	1,1,1,3,3,3-hexafluoro-2-propanol	920-66-1	8.36276	1637.2498	239.662	-17.29	76.35	1,2
673	C3H2F6O	1,2,2,2-tetrafluoroethyl difluoromethyl ether	57041-67-5	7.81696	1347.1886	249.573	-51.95	41.08	1,2
674	C3H2F6O2S	trifluoromethane-sulfinic acid, 2,2,2-trifluoroethyl ester	30957-44-9	8.20010	1931.0000	273.150	-4.96	111.65	3
675	C3H2F6Se2	bis[(trifluoromethyl)-seleno] methane	691-25-8	7.74600	1850.0000	273.150	-0.15	132.18	3
676	C3H2F8N2S	S,S-difluoro-N-[1-amino-2,2,2-trifluoro-1-(trifluoromethyl)ethyl]	2433-66-1	8.33600	2023.0000	273.150	2.61	119.35	3
677	C3H2F14S2	octafluoromethylene bis(trifluoromethyl) disulfur	56919-35-8	7.24010	1639.0000	273.150	-10.49	130.72	3
678	C3H2N2	malononitrile	109-77-3	7.74819	2272.2242	246.777	89.94	250.82	1,2
679	C3H2O	2-propynal	624-67-9	7.71925	1442.9882	239.384	-24.63	80.15	1,2
680	C3H2O2	2-propynoic acid	471-25-0	7.68257	1835.3724	207.485	67	200	3
681	C3H3Cl	propargyl chloride	624-65-7	7.02798	1230.7354	238.915	-34.74	81.08	1,2
682	C3H3ClF4	2-chloro-1,1,1,2-tetrafluoropropane	421-73-8	7.41577	1201.3850	252.964	-65.71	30.79	3
683	C3H3ClF4	3-chloro-1,1,2,2-tetrafluoropropane	679-85-6	7.41577	1201.3850	252.964	-65.71	30.79	3
684	C3H3ClF4	1-chloro-1,1,2,2-tetrafluoropropane	421-75-0	7.41577	1201.3850	252.964	-65.71	30.79	3
685	C3H3ClF4	1-chloro-1,2,2,3-tetrafluoropropane	67406-66-0	7.41577	1201.3850	252.964	-65.71	30.79	3
686	C3H3ClF4	2-chloro-1,1,3,3-tetrafluoropropane	19041-02-2	7.41577	1201.3850	252.964	-65.71	30.79	3
687	C3H3ClF4	2-chloro-1,1,1,3-tetrafluoropropane	117970-90-8	7.41577	1201.3850	252.964	-65.71	30.79	3
688	C3H3ClF4	3-chloro-1,1,2,3-tetrafluoropropane	---	7.41577	1201.3850	252.964	-65.71	30.79	3
689	C3H3ClF4	2-chloro-1,2,3,3-tetrafluoropropane	---	7.41577	1201.3850	252.964	-65.71	30.79	3
690	C3H3ClF4	3-chloro-1,1,1,2-tetrafluoropropane	---	7.41577	1201.3850	252.964	-65.71	30.79	3
691	C3H3ClF4	chlorotetrafluoropropane	134190-50-4	7.41577	1201.3850	252.964	-65.71	30.79	3
692	C3H3ClF4	1-chloro-1,1,2,3-tetrafluoropropane	---	7.41577	1201.3850	252.964	-65.71	30.79	3
693	C3H3ClF4	3-chloro-1,1,1,3-tetrafluoropropane	134190-50-4	7.41577	1201.3850	252.964	-65.71	30.79	3
694	C3H3ClF4	1-chloro-1,1,3,3-tetrafluoropropane	2730-64-5	7.41577	1201.3850	252.964	-65.71	30.79	3
695	C3H3Cl2F3	2,3-dichloro-1,1,1-trifluoropropane	338-75-0	7.48993	1436.1505	234.839	-13.55	98.52	1,2
696	C3H3Cl2F3	1,1-dichloro-3,3,3-trifluoropropane	460-69-5	7.55442	1284.1784	214.359	-18.43	95.29	2
697	C3H3Cl2F3	1,1-dichloro-1,2,2-trifluoropropane	7125-99-7	8.36282	1621.6240	235.395	-15.15	95.90	2
698	C3H3Cl2F3	1,1-dichloro-2,2,3-trifluoropropane	70192-70-0	8.36282	1621.6240	235.395	-15.15	95.90	2
699	C3H3Cl2F3	1,3-dichloro-1,2,3-trifluoropropane	151771-08-3	8.36282	1621.6240	235.395	-15.15	95.90	2
700	C3H3Cl2F3	1,3-dichloro-1,1,2-trifluoropropane	149329-27-1	8.36282	1621.6240	235.395	-15.15	95.90	2
701	C3H3Cl2F3	1,3-dichloro-1,2,2-trifluoropropane	67406-68-2	8.36282	1621.6240	235.395	-15.15	95.90	2
702	C3H3Cl2F3	dichlorotrifluoropropane	134237-43-7	8.36282	1621.6240	235.395	-15.15	95.90	2
703	C3H3Cl3	1,1,2-trichloro-1-propene	21400-25-9	6.86519	1378.4963	223.260	11.77	150.99	2
704	C3H3Cl3	1,2,3-trichloropropene	96-19-5	7.95584	1721.9762	216.588	30.97	169.73	2
705	C3H3Cl3	3,3,3-trichloro-1-propene	2233-00-3	6.73689	1337.8628	224.233	8.97	152.09	2
706	C3H3Cl3	1,1,3-trichloro-1-propene	2567-14-8	7.06065	1467.3039	219.493	22.61	158.79	1,2
707	C3H3Cl3F2	trichlorodifluoropropane	134237-42-6	7.22621	1419.4013	229.682	-1.71	121.28	3
708	C3H3Cl4F	tetrachlorofluoropropane	134190-49-1	7.82760	1751.3772	217.144	39.37	163.93	2
709	C3H3Cl5	1,1,1,2,3-pentachloropropane	21700-31-2	6.63084	1487.2921	206.163	57.97	225.06	2
710	C3H3Cl5	1,1,2,3,3-pentachloropropane	15104-61-7	6.99247	1643.8075	200.742	73.57	230.63	1,2
711	C3H3Cl5	1,1,2,2,3-pentachloropropane	16714-68-4	7.01098	1624.5690	202.897	67.37	222.45	2
712	C3H3F3	3,3,3-trifluoropropene	677-21-4	6.44064	863.7582	260.790	-102.52	105.44	1,2
713	C3H3F3O2S	trifluoromethane-sulfinic acid, ethyl ester	30957-43-8	8.00007	1893.0000	273.150	-2.72	119.73	3
714	C3H3F4I	1,1,1,3-tetrafluoro-2-iodopropane	460-74-2	7.44200	1630.0000	273.150	-20.12	109.47	3
715	C3H3F4I	1,1,1,2-tetrafluoro-3-iodopropane	1737-76-4	7.04500	1486.0000	273.150	-27.33	111.51	3
716	C3H3F5	1,1,1,2,2-pentafluoropropane	1814-88-6	6.81134	805.4062	223.161	-84.57	-1.25	1,2
717	C3H3F5	1,1,1,2,3-pentafluoropropane	431-31-2	7.96356	1286.7964	256.940	-72.15	12.17	3
718	C3H3F5	1,1,1,3,3-pentafluoropropane	460-73-1	7.91140	1343.1435	251.855	-57.52	154.01	1,2
719	C3H3F5	1,1,2,2,3-pentafluoropropane	679-86-7	8.18359	1453.4713	248.836	-46.50	134.42	1,2
720	C3H3F5	1,1,2,3,3-pentafluoropropane	24270-66-4	11.08356	2012.1957	249.078	-49.53	5.57	3

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mmHg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
721	C3H3F5O	2,2,3,3,3-pentafluoro-1-propanol	422-05-9	6.77285	965.3800	167.040	-0.15	101.79	1,2
722	C3H3F5O	methyl pentafluoroethyl ether	22410-44-2	7.81693	1283.9852	254.510	-66.16	22.50	1,2
723	C3H3F5O	difluoromethyl 2,2,2-trifluoroethyl ether	1885-48-9	6.59387	1053.6186	254.510	-66.16	54.29	1,2
724	C3H3F5O	difluoromethyl 1,1,2-trifluoroethyl ether	69948-24-9	7.18537	1165.0282	254.510	-66.16	36.49	3
725	C3H3F5Se	methyl pentafluoroethyl selenide	6123-56-4	8.11010	1666.0000	273.150	-39.15	64.90	3
726	C3H3F6O2P	methyl bis(trifluoromethyl)-phosphinite	25439-11-6	8.64061	2115.0000	273.150	-15.15	114.30	3
727	C3H3F6PS2	methyl bis(trifluoro-methyl)phosphino-dithioate	18799-79-6	8.30613	2168.9000	273.150	-0.15	150.11	3
728	C3H3F7SeSi	heptafluoropropyl-selenyl silane	1647-59-2	7.83300	1729.0000	273.150	-40.15	98.59	3
729	C3H3I	1-iodo-1-propyne	624-66-8	6.96813	1395.6734	225.484	8.37	143.13	3
730	C3H3I	3-iodo-1-propyne	659-86-9	7.17331	1459.7668	224.094	12.37	141.63	3
731	C3H3N	acrylonitrile	107-13-1	7.40834	1477.2856	248.440	-17.91	101.09	1,2
732	C3H3NO	oxazole	288-42-6	7.28148	1351.5928	237.583	-22.41	92.10	1,2
733	C3H3NS	thiazole	288-47-1	7.27165	1498.4197	223.260	15.66	143.12	1,2
734	C3H4	methylacetylene	74-99-7	7.15681	923.3106	241.079	-102.65	129.23	1,2
735	C3H4	allene	463-49-0	6.54464	674.8483	217.342	-95.63	120.85	1,2
736	C3H4	cyclopropene	2781-85-3	130.77526	5.0003E+05	3943.492	-94.00	-24.55	3
737	C3H4Br2	1,1-dibromo-1-propene	13195-80-7	6.57474	1341.7526	221.314	19.37	174.14	2
738	C3H4Br2	cis-1,3-dibromo-1-propene	32121-06-5	7.12875	1524.6805	217.005	31.77	169.29	2
739	C3H4Br2	trans-1,3-dibromo-1-propene	32121-07-6	7.12875	1524.6805	217.005	31.77	169.29	2
740	C3H4Br2	2,3-dibromo-1-propene	513-31-5	7.36075	1685.0562	235.084	29.83	168.15	1,2
741	C3H4Br2	1,3-dibromo-1-propene	627-15-6	7.79816	1744.4451	212.835	43.77	183.09	2
742	C3H4Br4	1,1,1,2-tetrabromopropane	62127-49-5	7.75144	2106.0053	186.564	125.37	274.31	3
743	C3H4Br4	1,1,1,3-tetrabromopropane	62127-50-8	8.18524	2278.8291	183.784	133.37	271.67	3
744	C3H4Br4	1,1,2,2-tetrabromopropane	34570-59-7	7.19899	1885.1400	190.734	113.37	278.54	3
745	C3H4Br4	1,1,2,3-tetrabromopropane	34581-76-5	8.42614	2374.6134	182.394	137.37	270.41	3
746	C3H4Br4	1,1,3,3-tetrabromopropane	51525-97-4	8.96549	2588.6585	179.614	145.37	267.97	3
747	C3H4Br4	1,2,2,3-tetrabromopropane	54268-02-9	7.75144	2106.0053	186.564	125.37	274.31	3
748	C3H4ClF3	3-chloro-1,1,1-trifluoropropane	460-35-5	6.90352	1074.5183	221.263	-39.25	67.46	1,2
749	C3H4ClF3	1-chloro-2,2,3-trifluoropropane	56758-54-4	7.59508	1351.8373	243.527	-38.55	65.27	2
750	C3H4ClF3	1-chloro-1,2,2-trifluoropropane	70192-76-6	7.59508	1351.8373	243.527	-38.55	65.27	2
751	C3H4ClF3	1-chloro-1,2,3-trifluoropropane	---	7.59508	1351.8373	243.527	-38.55	65.27	2
752	C3H4ClF3	1-chloro-1,1,2-trifluoropropane	26588-23-8	7.59508	1351.8373	243.527	-38.55	65.27	2
753	C3H4ClF3	1-chloro-1,1,3-trifluoropropane	---	7.59508	1351.8373	243.527	-38.55	65.27	2
754	C3H4ClF3	2-chloro-1,2,3-trifluoropropane	---	7.59508	1351.8373	243.527	-38.55	65.27	2
755	C3H4ClF3	2-chloro-1,1,2-trifluoropropane	---	7.59508	1351.8373	243.527	-38.55	65.27	2
756	C3H4ClF3	3-chloro-1,1,2-trifluoropropane	---	7.59508	1351.8373	243.527	-38.55	65.27	2
757	C3H4ClF3	3-chloro-1,3,3-trifluoropropane	---	7.59508	1351.8373	243.527	-38.55	65.27	2
758	C3H4ClF3	chlorotrifluoropropane	134237-44-8	7.59508	1351.8373	243.527	-38.55	65.27	2
759	C3H4ClF3O2S	trifluoromethane-sulfonic acid, 2-chloroethyl ester	61915-99-9	7.80010	2117.0000	273.150	38.17	185.25	3
760	C3H4Cl2	2,3-dichloropropene	78-88-6	7.41779	1470.7203	230.113	-0.95	117.09	1,2
761	C3H4Cl2	1,1-dichloropropene	563-58-6	7.43643	1418.3783	234.797	-14.43	98.58	1,2
762	C3H4Cl2	cis-1,2-dichloropropene	6923-20-2	7.69011	1531.9025	230.210	-1.23	109.59	3
763	C3H4Cl2	trans-1,2-dichloropropene	7069-38-7	6.93517	1309.4660	234.658	-14.03	114.22	3
764	C3H4Cl2	cis-1,3-dichloropropene	10061-01-5	8.36792	1730.5683	227.069	7.81	106.63	3
765	C3H4Cl2	trans-1,3-dichloropropene	10061-02-6	8.94221	1893.0812	224.928	13.97	104.74	3
766	C3H4Cl2	3,3-dichloropropene	563-57-5	7.56649	1474.1176	232.601	-8.11	106.78	1,2
767	C3H4Cl2	cis-1,3-dichloropropene	10061-01-5	7.61485	1564.7391	226.179	10.37	130.97	1,2
768	C3H4Cl2	1,3-dichloropropene	542-75-6	7.52612	1550.2762	226.179	11.37	130.68	1,2
769	C3H4Cl2	1,2-dichloropropene	563-54-2	6.85387	1285.4186	235.214	-15.63	114.84	3
770	C3H4Cl2	dichloropropene	26952-23-8	7.71093	1539.8793	230.488	-1.03	109.51	3
771	C3H4Cl2F2	1,1-dichloro-1,2-difluoropropane	---	9.38786	1827.4628	236.660	-18.79	57.81	3
772	C3H4Cl2F2	1,1-dichloro-2,2-difluoropropane	1112-01-2	9.38786	1827.4628	236.660	-18.79	57.81	3
773	C3H4Cl2F2	1,2-dichloro-1,1-difluoropropane	7126-15-0	9.38786	1827.4628	236.660	-18.79	57.81	3
774	C3H4Cl2F2	1,3-dichloro-2,2-difluoropropane	1112-36-3	9.38786	1827.4628	236.660	-18.79	57.81	3
775	C3H4Cl2F2	dichlorodifluoropropane	134190-52-6	9.38786	1827.4628	236.660	-18.79	57.81	3
776	C3H4Cl2F2O	methoxyflurane	76-38-0	7.07756	1336.5800	213.480	5.85	129.61	1,2
777	C3H4Cl2O	1,1-dichloroacetone	513-88-2	6.63588	1283.9828	221.883	1.00	149.85	1,2
778	C3H4Cl2O	1,3-dichloroacetone	534-07-6	7.75292	1936.6612	224.050	62.74	199.63	1,2
779	C3H4Cl2O2	methyl dichloroacetate	116-54-1	7.29207	1551.0098	208.703	37.80	168.65	1,2
780	C3H4Cl3F	trichlorofluoropropane	134190-51-5	7.34778	1523.6607	223.260	16.77	142.70	2
781	C3H4Cl3NSi	3-trichlorosilylpropionitrile	1071-22-3	6.16709	1172.7300	139.540	68.85	253.30	3
782	C3H4Cl4	1,1,1,2-tetrachloropropane	812-03-3	6.37869	1328.5532	210.255	36.75	205.33	2
783	C3H4Cl4	1,1,1,3-tetrachloropropane	1070-78-6	7.14749	1582.5619	211.862	45.57	187.21	1,2
784	C3H4Cl4	1,1,2,2-tetrachloropropane	13116-60-4	7.22191	1588.7282	212.974	42.37	182.95	1,2
785	C3H4Cl4	1,1,2,3-tetrachloropropane	18495-30-2	7.09818	1630.3491	206.580	60.77	209.71	1,2
786	C3H4Cl4	1,1,3,3-tetrachloropropane	1653-17-4	7.21803	1644.8555	209.680	54.85	197.85	2
787	C3H4Cl4	1,2,2,3-tetrachloropropane	13116-53-5	7.11610	1590.4452	210.472	49.57	193.78	1,2
788	C3H4F2	1,1-difluoro-1-propene	430-63-7	16.29027	2856.0691	256.940	-70.15	-27.69	2
789	C3H4F2O2	methyl difluoroacetate	433-53-4	8.98374	2187.9000	273.150	-0.15	103.95	1,2
790	C3H4F4	1,1,1,2-tetrafluoropropane	421-48-7	6.39863	743.5718	206.929	-69.20	24.22	2
791	C3H4F4	1,1,1,3-tetrafluoropropane	460-36-6	8.65068	1185.4321	201.008	-46.06	48.88	2
792	C3H4F4	1,1,2,2-tetrafluoropropane	40723-63-5	9.56077	1690.3237	248.600	-51.15	45.44	2
793	C3H4F4	1,1,2,3-tetrafluoropropane	---	9.56077	1690.3237	248.600	-51.15	45.44	2
794	C3H4F4	1,1,3,3-tetrafluoropropane	---	9.56077	1690.3237	248.600	-51.15	45.44	2
795	C3H4F4	1,2,2,3-tetrafluoropropane	813-75-2	9.56077	1690.3237	248.600	-51.15	45.44	2
796	C3H4F4O	2,2,3,3-tetrafluoro-1-propanol	76-37-9	7.33526	1313.5638	185.388	21.95	130.87	1,2
797	C3H4F4O	methyl 1,1,2,2-tetrafluoroethyl ether	425-88-7	9.44337	1816.2541	240.260	-25.15	76.16	1,2
798	C3H4F5NSe	pentafluoroethyl-seleno methylamine	6123-53-1	7.82010	1765.0000	273.150	-30.15	107.38	3
799	C3H4I4	1,1,1,2-tetraiodopropane	66794-31-8	6.44849	1990.4833	154.933	210.39	454.40	3
800	C3H4I4	1,1,1,3-tetraiodopropane	66794-32-9	6.45727	1994.9441	154.811	210.75	454.25	3

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mmHg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
801	C3H4I4	1,1,2,2-tetraiodopropane	66794-33-0	6.44849	1990.4833	154.933	210.39	454.40	3
802	C3H4I4	1,1,2,3-tetraiodopropane	66794-21-6	6.50471	2019.0391	154.158	212.63	453.46	3
803	C3H4I4	1,1,3,3-tetraiodopropane	66794-34-1	6.50471	2019.0391	154.158	212.63	453.46	3
804	C3H4I4	1,2,2,3-tetraiodopropane	66794-20-5	6.45727	1994.9441	154.811	210.75	454.25	3
805	C3H4O	acrolein	107-02-8	7.17735	1300.7837	245.902	-35.33	79.66	1,2
806	C3H4O	propargyl alcohol	107-19-7	7.99097	1827.5576	243.282	18.13	136.74	1,2
807	C3H4O2	acrylic acid	79-10-7	7.92262	1843.5808	226.609	13.50	164.83	1,2
808	C3H4O2	beta-propiolactone	57-57-8	6.84519	1579.3476	218.335	51.86	212.79	1,2
809	C3H4O2	vinyl formate	692-45-5	9.47116	1735.1483	226.856	-22.03	67.45	2
810	C3H4O3	ethylene carbonate	96-49-1	7.80111	2245.0133	211.926	118.17	279.16	1,2
811	C3H4O3	pyruvic acid	127-17-3	15.87095	4563.4413	248.318	58.55	111.32	3
812	C3H4O4	malonic acid	141-82-2	5.52737	1507.5295	182.811	150.17	459.91	1,2
813	C3H5Br	1-bromo-1-propene	590-14-7	7.49757	1384.0817	239.245	-26.23	81.46	1,2
814	C3H5Br	cis-1-bromo-1-propene	590-13-6	7.20925	1274.1824	236.525	-31.32	79.85	1,2
815	C3H5Br	trans-1-bromo-1-propene	590-15-8	6.97445	1022.3330	189.862	-18.74	84.21	2
816	C3H5Br	2-bromo-1-propene	557-93-7	7.31858	1345.7303	254.595	-41.62	70.72	1,2
817	C3H5Br	3-bromo-1-propene	106-95-6	7.31228	1408.6729	247.429	-24.27	93.62	1,2
818	C3H5Br3	1,1,1-tribromopropane	62127-61-1	7.05909	1691.4456	202.688	76.47	233.56	2
819	C3H5Br3	1,1,2-tribromopropane	14602-62-1	7.38764	1813.1708	200.186	83.67	230.93	2
820	C3H5Br3	1,1,3-tribromopropane	23511-78-6	7.54683	1872.0293	199.074	86.87	233.61	2
821	C3H5Br3	1,2,2-tribromopropane	14476-30-3	7.44264	1795.1542	202.966	75.67	218.95	1,2
822	C3H5Br3	1,2,3-tribromopropane	96-11-7	7.52415	1923.9826	194.304	100.60	251.58	1,2
823	C3H5Cl	1-chloro-1-propene	590-21-6	7.42755	1271.0811	247.905	-50.15	51.48	2
824	C3H5Cl	cis-1-chloro-1-propene	16136-84-8	7.01502	1111.8574	236.491	-51.64	54.04	1,2
825	C3H5Cl	trans-1-chloro-1-propene	16136-85-9	7.00566	1125.7795	235.477	-48.02	58.94	1,2
826	C3H5Cl	2-chloro-1-propene	557-98-2	6.90698	1035.3053	234.594	-59.33	43.47	1,2
827	C3H5Cl	3-chloro-1-propene	107-05-1	6.88205	1094.4537	228.479	-42.41	241.00	1,2
828	C3H5ClF2	1-chloro-2,2-difluoropropane	420-99-5	8.03043	1477.4045	240.774	-30.63	63.93	3
829	C3H5ClF2	chlorodifluoropropane	134190-53-7	8.03043	1477.4045	240.774	-30.63	63.93	3
830	C3H5ClF2	3-chloro-1,1-difluoropropane	---	8.03043	1477.4045	240.774	-30.63	63.93	3
831	C3H5ClF2	1-chloro-1,3-difluoropropane	---	8.03043	1477.4045	240.774	-30.63	63.93	3
832	C3H5ClO	alpha-epichlorohydrin	106-89-8	7.17970	1432.3739	217.147	14.64	144.43	1,2
833	C3H5ClO	chloroacetone	78-95-5	8.40861	2251.6373	287.280	16.64	143.51	1,2
834	C3H5ClO2	methyl chloroacetate	96-34-4	7.40326	1554.9343	214.006	28.83	154.34	1,2
835	C3H5ClO2	ethyl chloroformate	541-41-3	8.04588	1574.3265	211.753	11.69	235.00	1,2
836	C3H5Cl2F	1,2-dichloro-2-fluoropropane	420-97-3	7.62050	1507.3775	231.434	-3.75	110.82	1,2
837	C3H5Cl2F	dichlorofluoropropane	134237-45-9	7.98173	1589.6247	231.434	-3.75	110.82	2
838	C3H5Cl3	1,1,1-trichloropropane	7789-89-1	6.91645	1386.0258	226.596	7.67	144.53	1,2
839	C3H5Cl3	1,1,2-trichloropropane	598-77-6	7.30421	1562.4250	219.368	28.47	159.64	1,2
840	C3H5Cl3	1,1,3-trichloropropane	20395-25-9	7.39362	1629.8073	215.601	39.31	171.36	1,2
841	C3H5Cl3	1,2,2-trichloropropane	3175-23-3	7.33014	1539.1117	221.870	21.27	149.15	1,2
842	C3H5Cl3	1,2,3-trichloropropane	96-18-4	7.44393	1680.6413	212.460	48.35	183.19	1,2
843	C3H5Cl3Si	trichloro-2-propenylsilane	107-37-9	7.19072	1469.2455	223.399	13.93	143.10	3
844	C3H5F	1-fluoro-1-propene	---	7.25783	1063.2453	262.736	-92.83	-1.88	2
845	C3H5F	cis-1-fluoro-1-propene	19184-10-2	7.25783	1063.2453	262.736	-92.83	-1.88	2
846	C3H5F	trans-1-fluoro-1-propene	20327-65-5	7.25783	1063.2453	262.736	-92.83	-1.88	2
847	C3H5F	2-fluoro-1-propene	1184-60-7	7.30099	1073.7276	262.736	-92.33	-2.07	2
848	C3H5F	3-fluoro-1-propene	818-92-8	8.09831	1287.4086	256.898	-75.53	14.36	1,2
849	C3H5FO	(fluoromethyl)oxirane	503-09-3	8.69317	2084.6000	273.150	-2.18	105.09	1,2
850	C3H5FOSe	fluoroselenoacetic acid, Se-methyl ester	367-52-2	9.03700	2420.0000	273.150	-0.15	140.16	3
851	C3H5FO2	methyl fluoroacetate	453-18-9	8.77841	2227.2285	273.150	-0.15	124.81	1,2
852	C3H5F3	1,1,1-trifluoropropane	421-07-8	6.99878	941.1610	240.550	-83.66	6.03	3
853	C3H5F3	1,1,2-trifluoropropane	---	6.60002	992.1247	258.338	-81.17	31.91	3
854	C3H5F3	1,1,3-trifluoropropane	24270-67-5	6.61954	996.8720	258.216	-80.82	31.77	3
855	C3H5F3	1,2,2-trifluoropropane	811-94-9	6.13124	902.7774	258.992	-83.05	47.10	1,2
856	C3H5F3	1,2,3-trifluoropropane	66794-36-3	6.61954	996.8720	258.216	-80.82	31.77	3
857	C3H5F3	trifluoropropane	---	6.40813	945.3674	259.595	-84.79	33.43	3
858	C3H5F3O	2,2,2-trifluoroethyl methyl ether	460-43-5	7.81638	1376.4989	247.274	-45.33	49.74	1,2
859	C3H5F3O	1,1,1-trifluoropropan-2-ol	374-01-6	7.73896	1334.2400	199.640	-1.65	93.14	1,2
860	C3H5F3OS	[(trifluoromethyl)-sulfinyl]ethane	56919-38-1	5.74010	1198.0000	273.150	-20.41	195.14	3
861	C3H5F3S2	ethyl(trifluoromethyl) disulfide	691-05-4	7.85010	1766.0000	273.150	-20.15	105.15	3
862	C3H5F3Se	ethyl(trifluoromethyl) selenide	690-25-5	7.89010	1650.0000	273.150	-50.15	77.30	3
863	C3H5F7S	ethyltetrafluoro (trifluoromethyl) sulfur	56919-37-0	7.62010	1630.0000	273.150	-26.93	94.11	3
864	C3H5I	1-iodo-1-propene	---	7.94557	1608.2995	230.435	1.12	113.86	2
865	C3H5I	cis-1-iodo-1-propene	7796-36-3	7.94557	1608.2995	230.435	1.12	113.86	2
866	C3H5I	trans-1-iodo-1-propene	7796-54-5	7.94557	1608.2995	230.435	1.12	113.86	2
867	C3H5I	2-iodo-1-propene	4375-96-6	8.43857	1752.7824	228.264	7.37	122.04	2
868	C3H5I	3-iodo-1-propene	556-56-9	7.61291	1565.1663	227.706	8.98	125.52	1,2
869	C3H5I3	1,1,1-triiodopropane	---	11.54356	3584.1560	180.704	159.23	296.19	2
870	C3H5I3	1,1,2-triiodopropane	---	11.80206	3685.2825	180.051	161.11	298.65	2
871	C3H5I3	1,1,3-triiodopropane	---	11.85197	3704.8026	179.928	161.47	299.11	2
872	C3H5I3	1,2,2-triiodopropane	---	11.54356	3584.1560	180.704	159.23	296.19	2
873	C3H5I3	1,2,3-triiodopropane	---	11.85197	3704.8026	179.928	161.47	299.11	2
874	C3H5N	propionitrile	107-12-0	7.06340	1275.0453	207.996	2.29	291.25	1,2
875	C3H5N	ethyl isocyanide	624-79-3	6.16868	940.4482	189.186	-7.23	125.68	2
876	C3H5NO	hydracrylonitrile	109-78-4	8.65837	3018.1390	294.341	99.76	256.76	1,2
877	C3H5NO	lactonitrile	78-97-7	15.45069	4060.5381	199.035	81.96	131.93	3
878	C3H5NO	ethyl isocyanate	109-90-0	7.51146	1404.8750	239.384	-23.63	85.10	2
879	C3H5NS	ethyl isothiocyanate	542-85-8	8.77959	2652.4469	318.160	17.40	155.68	1,2
880	C3H5NS	ethyl thiocyanate	542-90-5	6.90620	1343.5436	187.768	39.71	172.98	1,2

Table 1 Vapor Pressure – Organic Compounds

log ₁₀ P = A - B/(T + C) (P - mmHg, T - C)									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
881	C3H5N3O9	nitroglycerine	55-63-0	5.48111	1410.9663	173.838	141.03	439.82	3
882	C3H6	cyclopropane	75-19-4	7.10799	919.9453	250.776	-100.16	125.15	1,2
883	C3H6	propylene	115-07-1	7.00725	859.7220	255.895	-112.78	91.06	1,2
884	C3H6BrCl	1-bromo-3-chloropropane	109-70-6	7.12968	1521.5155	215.249	32.97	170.76	1,2
885	C3H6BrNO	2-bromo-2-nitrosopropane	7119-91-7	8.06622	1704.5100	245.710	-4.49	103.26	3
886	C3H6Br2	1,1-dibromopropane	598-17-4	6.86491	1508.7464	228.819	28.43	180.82	2
887	C3H6Br2	1,2-dibromopropane	78-75-1	7.32866	1572.1414	212.611	35.81	166.51	1,2
888	C3H6Br2	1,3-dibromopropane	109-64-8	7.90498	1839.3099	209.242	57.13	193.99	1,2
889	C3H6Br2	2,2-dibromopropane	594-16-1	6.91913	1173.9062	175.592	22.73	138.51	1,2
890	C3H6ClF	1-chloro-3-fluoropropane	462-38-4	8.10809	1586.4841	233.824	-10.63	101.81	2
891	C3H6ClF	chlorofluoropropane	134190-54-8	8.10809	1586.4841	233.824	-10.63	101.81	2
892	C3H6ClF	2-chloro-2-fluoropropane	420-44-0	8.24002	1615.9319	233.824	-10.63	101.81	1,2
893	C3H6ClF	2-chloro-1-fluoropropane	---	8.10809	1586.4841	233.824	-10.63	101.81	2
894	C3H6ClF	1-chloro-1-fluoropropane	430-55-7	8.10809	1586.4841	233.824	-10.63	101.81	2
895	C3H6ClFO	1-chloro-3-fluoro-2-propanol	453-11-2	9.72890	2801.8000	273.150	47.83	154.80	3
896	C3H6Cl2	1,1-dichloropropane	78-99-9	7.08956	1335.8123	229.239	-9.88	112.60	1,2
897	C3H6Cl2	1,2-dichloropropane	78-87-5	7.17775	1448.2346	240.189	-5.76	122.24	1,2
898	C3H6Cl2	1,2-dichloropropane, (±)	26198-63-0	7.56369	1508.0405	229.265	0.49	119.72	2
899	C3H6Cl2	1,3-dichloropropane	142-28-9	7.15546	1490.3725	227.804	14.32	147.26	1,2
900	C3H6Cl2	2,2-dichloropropane	594-20-7	6.85847	1153.9314	220.853	-33.79	93.08	1,2
901	C3H6Cl2O	2,3-dichloro-1-propanol	616-23-9	8.50950	2566.6799	273.150	68.64	208.62	1,2
902	C3H6Cl2O	1,3-dichloro-2-propanol	96-23-1	8.37507	2370.4039	257.083	64.32	199.36	1,2
903	C3H6Cl2Si	dichlorovinylmethylsilane	124-70-9	7.09728	1383.0000	234.200	-7.38	119.02	3
904	C3H6Cl4Si	trichloro(3-chloropropyl)silane	2550-06-3	7.12326	1646.2800	206.550	39.85	211.14	3
905	C3H6Cl4Si	trichloro(2-chloropropyl)silane	7787-89-5	6.88594	1461.4800	198.480	39.85	196.08	3
906	C3H6F2	1,1-difluoropropane	430-61-5	6.62108	953.8002	238.284	-68.60	39.05	2
907	C3H6F2	1,2-difluoropropane	62126-90-3	6.63360	838.3626	206.672	-57.86	36.21	2
908	C3H6F2	1,3-difluoropropane	462-39-5	8.53726	1223.2480	199.533	-37.24	61.52	2
909	C3H6F2	2,2-difluoropropane	420-45-1	6.65876	786.7441	209.396	-70.37	17.91	1,2
910	C3H6F2	difluoropropane	---	15.62442	2736.7343	253.029	-65.89	-33.08	3
911	C3H6F3NS	dimethyl(trifluoro-methylthio)amine	62067-13-4	6.90606	1130.8400	225.570	-34.10	78.08	3
912	C3H6F3O2P	dimethyl(trifluoro-methyl)phosphonite	684-56-0	7.69311	1633.6200	251.600	-36.15	110.52	3
913	C3H6I2	1,1-diiodopropane	10250-52-9	6.34159	1530.0966	202.800	83.65	281.45	2
914	C3H6I2	1,2-diiodopropane	598-29-8	5.88426	1150.7734	143.825	57.00	282.01	2
915	C3H6I2	1,3-diiodopropane	627-31-6	6.01340	1202.4599	144.530	95.32	280.13	2
916	C3H6I2	2,2-diiodopropane	630-13-7	4.91665	681.6627	95.506	78.54	297.43	2
917	C3H6N2O4	1,1-dinitropropane	601-76-3	7.26221	1735.4897	198.942	78.19	226.38	3
918	C3H6N2O4	1,3-dinitropropane	6125-21-9	7.37671	1807.6832	204.912	78.57	226.02	3
919	C3H6N2O4	2,2-dinitropropane	595-49-3	7.93517	1971.4288	204.495	79.77	210.25	1,2
920	C3H6O	allyl alcohol	107-18-6	7.79842	1557.4031	219.849	9.23	271.95	1,2
921	C3H6O	methyl vinyl ether	107-25-5	7.92038	1612.7791	314.474	-81.43	25.88	1,2
922	C3H6O	propionaldehyde	123-38-6	7.26342	1277.1176	242.556	-38.65	231.25	1,2
923	C3H6O	acetone	67-64-1	7.31742	1315.6735	240.479	-32.22	234.95	1,2
924	C3H6O	1,2-propylene oxide	75-56-9	7.14539	1155.5706	236.220	-48.18	209.10	1,2
925	C3H6O	1,3-propylene oxide	503-30-0	7.07350	1219.2621	240.757	-40.01	72.54	1,2
926	C3H6O	methylloxirane	16033-71-9	6.93419	1046.5626	224.195	-47.83	56.07	1,2
927	C3H6O	(S)-(-)-propylene oxide	16088-62-3	7.53870	1309.3888	246.362	-46.11	54.37	1,2
928	C3H6O	(R)-(+)-propylene oxide	15448-47-2	6.80145	1188.2982	243.606	-38.78	84.69	2
929	C3H6O2	propanoic acid	79-09-4	7.68217	1730.2269	219.512	39.42	327.66	1,2
930	C3H6O2	ethyl formate	109-94-4	7.24059	1257.4237	234.565	-33.07	235.25	1,2
931	C3H6O2	methyl acetate	79-20-9	7.28492	1277.2143	233.155	-29.94	233.40	1,2
932	C3H6O2	1,3-dioxolane	646-06-0	7.23026	1314.6555	227.708	-16.70	99.00	1,2
933	C3H6O2S	3-mercaptopropionic acid	107-96-0	12.57448	3760.8511	218.905	106.02	181.50	3
934	C3H6O3	lactic acid	50-21-5	6.25028	1511.8752	181.639	106.32	311.08	1,2
935	C3H6O3	methoxyacetic acid	625-45-6	7.72293	1869.1405	182.467	95.56	231.20	1,2
936	C3H6O3	trioxane	110-88-3	7.30228	1472.5206	218.039	15.61	139.33	1,2
937	C3H6S	thiacyclobutane	287-27-4	7.08800	1351.5517	226.499	-4.50	119.80	1,2
938	C3H6S	2-methylthiacyclopropane	1072-43-1	7.07766	1248.2025	224.864	-19.49	98.03	1,2
939	C3H7Br	1-bromopropane	106-94-5	7.34233	1406.0482	244.400	-22.71	93.89	1,2
940	C3H7Br	2-bromopropane	75-26-3	7.25045	1335.2821	245.732	-32.10	82.46	1,2
941	C3H7Cl	1-chloropropane	540-54-5	7.09612	1205.1080	239.039	-41.35	230.00	1,2
942	C3H7Cl	2-chloropropane	75-29-6	6.90045	1016.7307	218.091	-45.78	56.48	1,2
943	C3H7ClO	2-chloro-1-propanol	78-89-7	7.75775	1097.0586	135.182	23.00	104.56	3
944	C3H7Cl3Si	trichloroisopropylsilane	4170-46-1	6.72845	1293.5000	215.180	9.85	149.53	3
945	C3H7F	1-fluoropropane	460-13-9	7.00543	976.5126	239.952	-77.35	15.44	1,2
946	C3H7F	2-fluoropropane	420-26-8	6.86925	867.4505	227.642	-79.85	8.71	1,2
947	C3H7F	fluoropropane	---	7.34420	1118.1418	256.164	-79.92	19.56	2
948	C3H7I	1-iodopropane	107-08-4	7.32968	1567.2388	249.929	-2.33	128.05	1,2
949	C3H7I	2-iodopropane	75-30-9	7.21666	1435.7720	241.890	-10.93	114.29	1,2
950	C3H7N	allylamine	107-11-9	7.34164	1276.7591	233.166	-31.84	74.10	1,2
951	C3H7N	propyleneimine	75-55-8	4.76125	769.2776	232.545	-44.15	254.52	1,2
952	C3H7NO	N,N-dimethylformamide	68-12-2	7.24128	1597.9245	213.457	42.57	376.45	1,2
953	C3H7NO	N-methylacetamide	79-16-3	7.41445	1828.5293	198.275	86.79	233.74	1,2
954	C3H7NO	N-ethylformamide	627-45-2	7.45688	1825.9422	201.020	81.77	226.10	1,2
955	C3H7NO2	1-nitropropane	108-03-2	7.51580	1715.5936	238.777	24.52	157.07	1,2
956	C3H7NO2	2-nitropropane	79-46-9	7.48721	1670.1399	242.220	15.23	145.70	1,2
957	C3H7NO3	propyl nitrate	627-13-4	7.30927	1488.1025	225.482	10.38	135.06	1,2
958	C3H7NO3	isopropyl nitrate	1712-64-7	7.32258	1459.8881	228.123	2.78	124.44	1,2
959	C3H8	propane	74-98-6	7.02022	889.8642	257.084	-109.27	96.74	1,2
960	C3H8Cl2OSi	dichloroethoxy-methylsilane	1825-75-8	7.21795	1452.9800	234.440	-0.76	125.56	3

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mmHg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
961	C3H8Cl2Si	chloro(chloromethyl)dimethylsilane	1719-57-9	9.01585	2635.0000	314.000	14.72	137.66	3
962	C3H8O	propyl alcohol	71-23-8	7.77658	1518.7957	213.076	11.05	263.63	1,2
963	C3H8O	isopropyl alcohol	67-63-0	7.82517	1482.1331	217.413	-0.26	235.16	1,2
964	C3H8O	methyl ethyl ether	540-67-0	6.23778	610.1240	171.699	-55.21	164.65	1,2
965	C3H8OS2	2,3-dimercapto-1-propanol	59-52-9	10.87880	3792.7621	273.150	79.85	219.61	3
966	C3H8O2	2-methoxyethanol	109-86-4	8.48054	2153.2586	260.079	27.77	146.30	1,2
967	C3H8O2	methylal	109-87-5	6.76055	931.4003	197.918	-36.23	207.45	1,2
968	C3H8O2	1,2-propanediol (propylene glycol)	57-55-6	8.03975	2015.9124	203.912	62.58	212.05	1,2
969	C3H8O2	1,3-propanediol	504-63-2	8.00420	2103.7188	196.461	103.89	410.85	1,2
970	C3H8O2	(R)-(-)-1,2-propanediol	4254-14-2	7.93978	1983.5109	204.078	81.74	212.81	1,2
971	C3H8O2	(S)-(+)-1,2-propanediol	4254-15-3	7.99998	2002.2527	204.078	81.96	211.49	1,2
972	C3H8O3	glycerol	56-81-5	6.93659	1429.6330	62.493	178.32	318.26	1,2
973	C3H8O3S	ethyl methyl sulfite	10315-59-0	6.43983	1273.1167	216.866	17.17	174.11	1,2
974	C3H8O4S	ethyl methyl sulfate	814-40-4	6.76578	1582.4367	200.667	73.79	240.87	3
975	C3H8S	1-propanethiol	107-03-9	7.11726	1284.0192	235.338	-25.44	263.45	1,2
976	C3H8S	2-propanethiol	75-33-2	7.40328	1340.0177	241.453	-32.18	75.98	1,2
977	C3H8S	2-thiabutane	624-89-5	6.95285	1186.3234	224.684	-25.40	259.85	1,2
978	C3H8S2	1,3-propanedithiol	109-80-8	7.86977	2208.5325	273.634	47.85	200.04	1,2
979	C3H8S2	1,2-propanedithiol	814-67-5	6.47051	1388.2972	213.808	39.97	208.34	2
980	C3H8S2	2,3-dithiapentane	20333-39-5	7.82368	1685.0955	217.978	28.97	163.73	2
981	C3H8S2	2,4-dithiapentane	1618-26-4	7.09522	1529.7059	214.920	36.05	175.97	1,2
982	C3H9As	trimethylarsine	593-88-4	7.33536	1394.6777	261.091	-40.95	74.69	3
983	C3H9BO3	trimethyl borate	121-43-7	5.57907	515.7423	123.639	-14.00	91.50	3
984	C3H9BS	methyl dimethylthioborane	19163-05-4	7.74830	1696.2742	277.491	-26.13	93.97	3
985	C3H9BS2	methylbis(methylthio)borane(3)	19163-08-7	6.93660	1468.5000	208.100	26.85	183.00	3
986	C3H9BS3	trimethyl thioborate	997-49-9	7.65358	2345.1000	273.150	51.85	251.28	3
987	C3H9B3Cl3N3	2,4,6-trichloro-1,3,5-trimethylborazine	703-86-6	8.83474	3024.7600	273.150	89.85	261.93	3
988	C3H9ClSi	trimethylchlorosilane	75-77-4	7.02676	1203.2562	233.375	-37.80	224.60	1,2
989	C3H9Cl3Si2	1,1,1-trichloro-2,2,2-trimethyldisilane	18026-87-4	7.16654	1604.4300	223.906	19.85	178.74	3
990	C3H9FGe	fluorotrimethyl-germane	661-37-0	7.18571	1403.1400	244.090	-17.25	106.36	3
991	C3H9FSi	fluorotrimethylsilane	420-56-4	7.72564	1405.0000	273.150	-64.25	36.06	3
992	C3H9N	propylamine	107-10-8	7.01531	1093.4453	215.619	-33.84	223.80	1,2
993	C3H9N	isopropylamine	75-31-0	7.05448	1081.6722	226.316	-47.66	198.70	1,2
994	C3H9N	methylethylamine	624-78-2	6.87759	945.2317	200.649	-39.83	201.85	1,2
995	C3H9N	trimethylamine	75-50-3	7.00312	990.9392	238.535	-73.46	160.10	1,2
996	C3H9NO	1-amino-2-propanol	78-96-6	8.57442	2343.2904	251.515	57.85	183.02	1,2
997	C3H9NO	3-amino-1-propanol	156-87-6	8.06788	1946.1871	187.650	87.71	210.67	1,2
998	C3H9NO	methylethanolamine	109-83-1	7.68956	1731.2946	201.980	56.83	182.09	1,2
999	C3H9NO	2-amino-1-propanol, (±)	6168-72-5	7.87192	1907.1171	207.553	69.97	199.08	1,2
1000	C3H9NO	s(+)-2-amino-1-propanol	2749-11-3	11.05813	2791.3668	207.553	69.97	146.85	3
1001	C3H9NO	(R)-(-)-1-amino-2-propanol	2799-16-8	7.87426	1855.7363	211.584	24.50	183.89	1,2
1002	C3H9NO	(S)-(+)-1-amino-2-propanol	2799-17-9	7.87426	1855.7363	211.584	58.37	183.89	1,2
1003	C3H9NO	(R)-(-)-2-amino-1-propanol	35320-23-1	7.87192	1907.1171	207.553	69.97	199.08	1,2
1004	C3H9NO	2-aminopropanol	78-91-1	10.99957	2772.5033	207.692	69.57	146.95	3
1005	C3H9NO2	(±)-3-amino-1,2-propanediol	616-30-8	8.82471	2656.3106	182.547	156.93	288.32	1,2
1006	C3H9NO3S	N,N-dimethyl-N-sulfomethaninium hydroxide	63147-26-2	11.27600	3165.0000	273.150	18.85	117.87	3
1007	C3H9O4P	trimethyl phosphate	512-56-1	7.57514	2069.6267	243.878	70.89	227.21	3
1008	C3H9P	trimethylphosphine	594-09-2	8.05577	1669.1683	285.047	-48.48	57.42	3
1009	C3H9Sb	trimethylstibine	594-10-5	7.65391	1687.8683	273.021	-19.36	104.40	3
1010	C3H10N2	1,2-propanediamine	78-90-0	7.55640	1576.3098	217.586	22.84	142.75	1,2
1011	C3H10N2	1,2-propanediamine, (±)	10424-38-1	7.66782	1639.0386	222.843	22.97	142.53	1,2
1012	C3H10N2	1,3-propanediamine	109-76-2	7.67176	1711.5667	217.200	39.34	164.00	1,2
1013	C3H10N2	trimethylhydrazine	1741-01-1	7.76344	1557.8646	231.086	-0.75	111.41	2
1014	C3H10Si	trimethyl silane	993-07-7	6.79878	1012.4005	249.550	-74.96	30.36	1,2
1015	C3S2	carbon subsulfide	627-34-9	7.55031	2009.0930	252.070	54.65	207.84	3
1016	C4BrCl2F8N	2-bromo-1,2-dichloro-1,2-difluoro-N,N-bis(trifluoro-methyl)ethylamine	4905-98-0	7.65700	1904.0000	273.150	12.86	152.31	3
1017	C4BrF8N	vinylamine-1-bromo-2,2-difluoro-N,N-bis(trifluoromethyl)	17725-57-4	7.93500	1637.0000	273.150	-37.10	71.25	3
1018	C4Br2F9N	methanamine-1,2-dibromo-1,2,2-trifluoro-N,N-bis(trifluoromethyl)	17725-58-5	7.62400	1790.0000	273.150	-2.92	129.81	3
1019	C4ClF7	1-chloro-1,2,2,3,3,4,4-heptafluorocyclobutane	377-41-3	6.70975	1098.5341	250.226	-57.83	61.16	3
1020	C4ClF8N	N,N-bis(trifluoromethyl)-2-chloro-1,2-difluorovinylamine	13747-22-3	7.72400	1522.0000	273.150	-46.80	61.93	3
1021	C4ClF8N	vinylamine-2-chloro-1,2-difluoro-N,N-bis(trifluoromethyl)	15511-13-4	7.72400	1522.0000	273.150	-46.80	61.93	3
1022	C4ClF9S	1,1,2,2,3,3,4,4,4-nonafluorobutane sulfonyl chloride	42769-81-3	7.89010	1783.0000	273.150	-14.37	105.55	3
1023	C4ClF12S	chlorotetrafluoro-(nonafluorobutyl) sulfur	42769-87-9	8.16010	1940.0000	273.150	-2.20	116.54	3
1024	C4Cl2F6	1,2-dichloro-1,2,3,3,4,4-hexafluorocyclobutane	356-18-3	7.47983	1375.1633	239.662	-27.44	80.29	1,2
1025	C4Cl2F6	trans-2,3-dichloro-1,1,1,4,4,4-hexafluorobutene	2418-21-5	7.88152	1708.9060	275.577	-27.24	88.05	1,2
1026	C4Cl2F6	cis-2,3-dichloro-1,1,1,4,4,4-hexafluorobutene	2418-22-6	7.80139	1664.3789	270.267	-25.56	90.02	2
1027	C4Cl2F6	1,4-dichloro-1,1,2,3,4,4-hexafluoro-2-butene	20972-44-5	7.39927	1541.3913	273.150	-32.28	92.33	2
1028	C4Cl3F7	2,2,3-trichloro-1,1,1,3,4,4,4-heptafluorobutane	335-44-4	6.79378	1198.6270	208.322	-1.44	123.53	3
1029	C4Cl4F4	(+,-)-1,3,4,4-tetrachloro-1,2,3,4-tetrafluoro-1-butene	357-19-7	6.79564	1315.1590	195.716	31.21	168.21	3
1030	C4Cl4F6O	trichloromethyl 2-chloro-1,1,2,3,3,3-hexafluoropropyl ether	61136-57-0	6.87063	1334.6100	204.190	23.15	157.61	3
1031	C4Cl4S	tetrachlorothiophene	6012-97-1	7.16956	1850.8706	198.174	101.83	265.97	3
1032	C4Cl6	hexachloro-1,3-butadiene	87-68-3	6.37413	1284.8734	152.759	86.33	249.73	1,2
1033	C4F6O3	trifluoroacetic acid anhydride	407-25-0	7.53959	1216.0029	221.513	-35.57	57.53	3
1034	C4F7NO3S	3,3,3-trifluoro-2-(trifluoromethyl)-lactonitrile fluorosulfate	26404-53-5	7.23600	1629.0000	273.150	-11.92	128.66	3
1035	C4F8	octafluoro-2-butene	360-89-4	6.76699	961.0382	246.147	-79.50	21.91	1,2
1036	C4F8	perfluoroisobutene	382-21-8	7.97330	1278.8224	254.118	-70.73	26.00	2
1037	C4F8	octafluorocyclobutane	115-25-3	7.05306	967.6082	237.765	-77.91	115.23	1,2
1038	C4F8	1,1,2,3,3,4,4,4-octafluoro-1-butene	357-26-6	7.25759	1137.2802	254.994	-73.25	24.04	1,2
1039	C4F8N2O3	perfluoro-2-(tetrafluoro-2-nitroethyl)-1,2-oxazethylenimine	382-38-7	7.49400	1620.0000	273.150	-23.69	102.53	3
1040	C4F8OS	octafluorotetrahydro-1-thiophene oxide	42060-62-8	8.43010	1939.0000	273.150	-12.18	96.31	3

Table 1 Vapor Pressure – Organic Compounds

log ₁₀ P = A - B/(T + C) (P - mmHg, T - C)									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
1041	C4F8O4S	anhydride of heptafluorobutyric acid and fluorosulfuric acid	6069-35-8	8.21551	1735.5040	245.977	-5.45	98.80	3
1042	C4F8S	octafluorotetra-hydrothiophene	706-76-3	7.38010	1406.0000	273.150	-52.78	61.75	3
1043	C4F8S	2,2,3,3,5,5,6,6-octafluoro-1,4-dithiane	710-65-6	7.90010	1724.0000	273.150	-23.30	92.24	3
1044	C4F9N	perfluoro[n-propyl-(methylenamine)]	378-00-7	7.82700	1478.0000	273.150	-56.66	45.03	3
1045	C4F9N	perfluoro[n-methyl-(propylenamine)]	680-23-9	7.76300	1392.0000	273.150	-67.32	30.70	3
1046	C4F9N	perfluoro[N,N-dimethyl(vinylamine)]	13821-49-3	7.93600	1437.0000	273.150	-65.97	29.11	3
1047	C4F9NO	perfluoro[2,4-bis(trifluoromethyl)-1,2-oxazoethylenimine]	714-52-3	7.46200	1353.0000	273.150	-63.77	42.96	3
1048	C4F9NO2	O-(trifluoroacetyl)-N,N-bis(trifluoromethyl)-hydroxylamine	15496-02-3	8.13390	1592.1000	273.150	-49.98	48.35	3
1049	C4F10	decafluorobutane	355-25-9	7.07330	1003.1379	241.421	-76.25	113.18	1,2
1050	C4F10	perfluoroisobutane	354-92-7	6.87511	1029.1451	259.400	-84.23	19.25	2
1051	C4F10OS	bis(pentafluoroethyl) sulfoxide	33622-25-2	8.35010	1836.0000	273.150	-23.36	82.10	3
1052	C4F10O3S	fluorosulfuric acid, nonafluoro(1-methylpropyl) ester	5762-52-7	7.79866	1658.1850	266.960	-23.06	92.20	3
1053	C4F10O4S	fluoroperoxymono-sulfuric acid, 2,2,2-trifluoro-1,1-bis(trifluoromethyl) ethyl ester	55064-77-2	8.43700	1965.0000	273.150	-8.93	100.77	3
1054	C4F10O6S2	1,1,1,2,3,4,4,4-octafluoro-2,3-bis(fluorosulfato) butane	2261-44-1	3.60682	69.7570	-39.769	66.53	203.91	3
1055	C4F10S	heptafluoropropyl-trifluoromethyl sulfide	33547-11-4	7.50010	1439.0000	273.150	-51.77	60.09	3
1056	C4F10S	1,1,2,2,3,3,4,4,5,5-decafluor-1,1,2,3,4,5-hexahydrothiophene	42060-60-6	9.14010	2171.0000	273.150	-6.45	91.22	3
1057	C4F10Se	bis(pentafluoroethyl) selenide	6123-61-1	8.06010	1650.0000	273.150	-41.15	65.09	3
1058	C4F10Se2	bis(pentafluoroethyl) diselenide	6123-49-5	8.65010	2090.0000	273.150	-1.15	109.06	3
1059	C4F12N2O	perfluoro-2,3-dimethyl-3-oxa-2,4-diazapentane	6141-72-6	7.77300	1574.0000	273.150	-40.76	69.68	3
1060	C4F12N2O	perfluoro-2,3-dimethyl-4-oxa-2,3-diazapentane	10405-32-0	8.22700	1671.0000	273.150	-41.93	58.06	3
1061	C4F12OS	difluorooxobis(penta-fluoroethyl) sulfur	33564-25-9	8.33976	1936.7150	287.242	-23.38	88.24	3
1062	C4F12O2S	bis(trifluoromethyl)-bis(trifluoromethoxy) sulfur	63465-11-2	7.32010	1532.0000	273.150	-30.75	97.05	3
1063	C4F12O3S	oxobis(trifluoro-methoxy)bis(trifluoro-methyl) sulfur	66632-46-0	7.60010	1746.0000	273.150	-8.61	122.03	3
1064	C4F12P4	1,2,3,4-tetrakis-(trifluoromethyl)-tetraphosphethane	393-02-2	11.81980	3413.1300	273.150	18.85	121.98	3
1065	C4F12S	dodecafluoroocta-hydro thiophene	373-83-1	7.79010	1644.0000	273.150	-31.03	83.60	3
1066	C4F12S	difluoro(heptafluoro-propyl)(trifluoro-methyl) sulfur	31206-31-2	7.88010	1712.0000	273.150	-24.32	91.24	3
1067	C4F12S	difluorobis(penta-fluoroethyl) sulfur	33622-15-0	7.79910	1685.0000	273.150	-25.32	91.79	3
1068	C4F16S2	hexadecafluoro-octahydro-1,4-dithiane	4556-31-4	8.08010	2117.0000	273.150	25.86	159.04	3
1069	C4HBrF7N	cis-1-bromo-2-fluoro-N,N-bis(trifluoromethyl)-vinylamine	25273-49-8	7.29510	1559.0000	273.150	-25.50	105.87	3
1070	C4HCl2F5O2	2,2,3,4,4-pentafluoro-3,4-dichlorobutanoic acid	375-07-5	9.15610	2863.0000	273.150	77.88	206.07	3
1071	C4HF5	3,3,4,4,4-pentafluoro-1-butyne	7096-51-7	7.59520	1231.7000	273.150	-86.39	5.93	3
1072	C4HF7	1,1,3,3,4,4,4-heptafluoro-1-butene	681-22-1	8.10010	1450.0000	273.150	-68.93	21.67	3
1073	C4HF7O2	heptafluorobutanoic acid	375-22-4	9.13431	2464.8155	273.150	29.86	140.93	3
1074	C4HF8N	vinylamine-2,2-difluoro-N,N-bis(trifluoromethyl)	13747-23-4	7.81700	1447.0000	273.150	-60.89	39.03	3
1075	C4HF8N	vinylamine-1,2-difluoro-N,N-bis(trifluoromethyl)	13747-24-5	7.92200	1503.0000	273.150	-56.02	43.93	3
1076	C4HF9	1,1,1,2,2,3,3,4,4-nonafuorobutane	375-17-7	7.26237	1182.6877	254.774	-65.92	35.06	1,2
1077	C4HF9O2	2,2,2-trifluoro-1,1-bis(trifluoromethyl)-ethyl	64957-49-9	8.42300	1914.0000	273.150	-15.30	92.04	3
1078	C4HF9O2S	trifluoromethane-sulfonic acid, 2,2,2-trifluoro-1-(trifluoromethyl) ethyl ester	52225-50-0	8.58010	2061.0000	273.150	-1.25	108.64	3
1079	C4HF10NSe2	bis[(pentafluoroethyl)seleno] amine	6123-55-3	7.70010	2000.0000	273.150	-3.15	169.50	3
1080	C4HI	1-iodo-1,3-butadiyne	6088-91-1	7.15778	1314.0201	236.382	-22.99	94.11	1,2
1081	C4H2	biacetylene	460-12-8	6.49050	754.8528	198.268	-60.79	29.88	1,2
1082	C4H2Br2S	3,4-dibromothiophene	3141-26-2	6.70634	2024.7310	307.768	47.05	266.71	3
1083	C4H2Cl2O2	trans-2-butenedioyl dichloride	627-63-4	6.79729	1944.2116	285.072	8.00	252.68	3
1084	C4H2Cl2S	2,5-dichlorothiophene	3172-52-9	6.87250	1720.1701	268.938	23.98	197.15	3
1085	C4H2Cl4	1,2,3,4-tetrachloro-1,3-butadiene	1637-31-6	7.45915	1779.9491	203.800	71.77	212.34	3
1086	C4H2Cl4	1,1,2,3-tetrachloro-1,3-butadiene	921-09-5	4.11724	527.6141	241.747	-72.49	322.30	3
1087	C4H2F4	1,1,4,4-tetrafluoro-1,3-butadiene	407-70-5	7.07341	1168.7240	273.150	-80.72	27.17	3
1088	C4H2F6	1,1,2-trifluoro-3-(trifluoromethyl)-cyclopropane	2967-53-5	8.12900	1553.0000	273.150	-55.31	40.77	3
1089	C4H2F6OS	trifluoroacetic acid, S-(1,2,2-trifluoroethyl) ester	35709-12-7	7.99390	1775.6400	273.150	-19.27	95.85	3
1090	C4H2F6O2	2,2,2-trifluoroethyl trifluoroacetate	407-38-5	7.95016	1663.0000	273.150	-33.88	75.61	3
1091	C4H2F7N	trans-2-fluoro-N,N-bis(trifluoromethyl)-vinylamine	25211-47-6	7.89400	1491.0000	273.150	-56.87	43.27	3
1092	C4H2F7N	cis-2-fluoro-N,N-bis(trifluoromethyl)-vinylamine	25273-51-2	7.72100	1521.0000	273.150	-46.84	61.93	3
1093	C4H2F8	1,1,1,2,3,4,4,4-octafluorobutane	75995-72-1	6.49258	1040.1764	254.496	-65.12	59.69	1,2
1094	C4H2N2O4S	2,5-dinitrothiophene	59434-05-8	8.37253	3081.2400	271.070	114.85	322.54	3
1095	C4H2N2O4S	2,4-dinitrothiophene	900002-53-1	8.38500	3116.1000	273.150	114.85	325.74	3
1096	C4H2O3	maleic anhydride	108-31-6	8.33556	2525.0548	262.860	52.85	229.63	1,2
1097	C4H3BrF7N	2-bromo-2-fluoro-N,N-bis(trifluoromethyl)-ethylamine	25237-12-1	7.37300	1613.0000	273.150	-20.05	111.71	3
1098	C4H3BrS	2-bromothiophene	1003-09-4	6.51813	1600.1300	289.920	0.06	189.69	3
1099	C4H3BrS	3-bromothiophene	872-31-1	6.50998	1614.2250	285.292	7.67	199.73	3
1100	C4H3ClF6O2S	chlorosulfonic acid, 1,1-bis(trifluoromethyl) ethyl ester	57169-82-1	8.04010	2071.0000	273.150	21.02	153.13	3
1101	C4H3ClS	2-chlorothiophene	96-43-5	7.31224	1763.7919	269.719	9.70	157.31	3
1102	C4H3F5OS	trifluorothioacetic acid, S-(2,2-difluoroethyl) ester	35709-11-6	5.87891	842.0300	167.834	4.75	144.37	3
1103	C4H3F6NO2	N,N-bis(trifluoromethyl)-acetamide N-oxide	22743-78-8	9.20124	2160.6000	275.600	-12.15	83.34	3
1104	C4H3F7	1,1,1,2,2,3,3-heptafluorobutane	662-00-0	7.37529	1210.6704	254.218	-64.32	34.49	1,2
1105	C4H3F7O	2,2,3,3,4,4,4-heptafluoro-1-butanol	375-01-9	9.06579	2277.0000	273.150	-0.15	113.84	3
1106	C4H3F7O	perfluoroisopropyl methyl ether	22052-84-2	7.78703	1362.7437	247.888	-47.10	48.03	1,2
1107	C4H3F7O	perfluoropropyl methyl ether	375-03-1	7.81811	1386.1378	246.548	-43.25	52.47	1,2
1108	C4H3F7O2S	fluorosulfonic acid 1,1-bis(trifluoromethyl) ethyl ester	57169-83-2	8.05010	1898.0000	273.150	-3.93	116.72	3
1109	C4H3F7Se	methyl(heptafluoro-propyl) selenide	662-45-3	7.95010	1608.0000	273.150	-41.79	64.08	3
1110	C4H3IS	2-iodothiophene	3437-95-4	9.75844	4664.8473	497.264	35.35	212.05	3
1111	C4H3NO2S	2-nitrothiophene	609-40-5	8.59114	2965.2300	294.775	95.84	253.40	3
1112	C4H4	vinylacetylene	689-97-4	6.77606	842.4945	213.288	-67.43	23.98	1,2
1113	C4H4AsCl3	bis(2-chlorovinyl)chloroarsine	40334-69-8	9.51351	3065.3000	273.150	86.90	210.97	3
1114	C4H4Cl2	1,1-dichloro-1,3-butadiene	6061-06-9	8.21681	1713.1213	222.009	15.37	149.32	2
1115	C4H4Cl2	1,2-dichloro-1,3-butadiene	3574-40-1	5.39871	698.1967	178.253	-19.53	144.16	2
1116	C4H4Cl2	2,3-dichloro-1,3-butadiene	1653-19-6	7.84584	1899.7739	284.581	-7.07	122.75	1,2
1117	C4H4Cl2	dichloro-1,3-butadiene	28577-62-0	8.21681	1713.1213	222.009	15.37	149.32	2
1118	C4H4Cl2O2	butanedioyl dichloride	543-20-4	7.12534	1881.0255	228.260	38.85	248.73	3
1119	C4H4Cl2O3	chloroacetic anhydride	541-88-8	8.00626	2704.7907	285.650	66.85	275.00	3
1120	C4H4Cl4	1,3,4,4-tetrachloro-1-butene	2984-40-9	8.68546	2114.9620	201.340	73.85	182.95	3

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mmHg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
1121	C4H4Cl4	2,3,3,4-tetrachloro-1-butene	64346-45-8	8.68546	2114.9620	201.340	73.85	182.95	3
1122	C4H4Cl4O2S	3,3,4,4-tetrachloro tetrahydrothiophene 1,1-dioxide	3737-41-5	11.69288	4612.8380	273.150	158.24	268.83	3
1123	C4H4F3NO3	trifluoroacetyl glycine	383-70-0	13.48240	5162.6800	273.150	140.45	228.05	3
1124	C4H4F4OS	trifluorothioacetic acid, S-ethyl ester	35709-10-5	5.54644	686.8530	144.904	6.17	145.57	3
1125	C4H4F6N2S	2,2,2-trifluoro-N-methyl-N'-((trifluoromethyl)-ethanimidamide	62067-10-1	7.28010	1821.3000	273.150	16.86	171.26	3
1126	C4H4F6O2S	trifluoromethane-sulfuric acid, 2,2,2-trifluoro-1-methylethyl ester	52225-48-6	8.01010	1921.0000	273.150	0.88	124.72	3
1127	C4H4N2	succinonitrile	110-61-2	7.50711	2096.9064	187.208	135.04	298.86	1,2
1128	C4H4O	furan	110-00-9	7.12250	1143.4466	238.023	-51.26	217.00	1,2
1129	C4H4O	2-butyral	1119-19-3	6.89551	1409.1880	226.457	12.57	153.00	1,2
1130	C4H4O	3-butyral	52844-23-2	9.39343	2006.2585	226.457	12.57	128.85	1,2
1131	C4H4O2	diketene	674-82-8	7.52540	1678.5531	233.950	-6.50	152.50	1,2
1132	C4H4O2	2-butyric acid	590-93-2	7.68792	1935.6616	199.616	90	230	1,2
1133	C4H4O3	succinic anhydride	108-30-5	8.12501	2616.3569	237.855	119.85	294.54	1,2
1134	C4H4S	thiophene	110-02-1	7.06988	1296.8798	225.437	-38.21	306.20	1,2
1135	C4H4Se	selenophene	288-05-1	8.91256	2423.7660	291.385	14.93	131.56	3
1136	C4H5Cl	chloroprene	126-99-8	7.21748	1395.8977	262.433	-37.92	83.46	1,2
1137	C4H5Cl	4-chloro-1,2-butadiene	25790-55-0	8.25767	1592.1169	231.600	-12.23	113.22	2
1138	C4H5Cl	1-chloro-1,3-butadiene	627-22-5	7.11824	1278.2855	237.160	-28.23	92.29	2
1139	C4H5Cl	1-chloro-2-butyne	3355-17-7	7.65358	1571.5767	227.430	8.77	125.54	1,2
1140	C4H5Cl	3-chloro-1-butyne	21020-24-6	6.50173	1200.4286	237.021	-18.83	124.57	2
1141	C4H5ClO	2-methyl-2-propenoyl chloride	920-46-7	6.34434	1137.2678	214.625	-1.83	144.99	3
1142	C4H5Cl3	1,2,4-trichloro-2-butene	2431-54-1	7.17700	1561.9379	215.893	36.97	175.06	2
1143	C4H5Cl3	2,3,4-trichloro-1-butene	2431-50-7	7.17700	1561.9379	215.893	36.97	175.06	2
1144	C4H5Cl3	1,1,3-trichloro-2-methyl-1-propene	31702-33-7	7.17304	1573.3002	212.696	42.17	184.38	1,2
1145	C4H5Cl3	3,3,3-trichloro-2-methyl-1-propene	4749-27-3	6.56745	1352.1134	219.090	23.77	180.28	2
1146	C4H5Cl3O2	ethyl trichloroacetate	515-84-4	5.55385	1403.9127	250.888	15.30	340.98	3
1147	C4H5Cl5	1,1,2,3,4-pentachlorobutane	77753-24-3	7.79547	1974.0447	192.124	98.37	263.01	2
1148	C4H5Cl5	1,2,2,3,4-pentachlorobutane	2431-52-9	7.54126	1879.7106	193.792	93.57	256.73	2
1149	C4H5Cl5	1,1,1,2,3-pentachloroisobutane	4749-31-9	7.19709	1751.6962	196.294	73.50	247.31	2
1150	C4H5Cl5	1,1,2,3-tetrachloro-2-(chloromethyl)propane	66997-45-3	7.66568	1925.9026	192.958	61.25	259.87	2
1151	C4H5Cl5	pentachlorobutane	31391-27-2	7.54126	1879.7106	193.792	93.57	256.73	2
1152	C4H5F2I	1,1-difluoro-4-iodo-1-butene	692-26-2	4.73839	1500.1548	273.150	44.85	690.62	3
1153	C4H5F3	(trifluoromethyl)-cyclopropane	381-74-8	7.74710	1422.0000	273.150	-62.39	38.33	3
1154	C4H5F3O	2,2,2-trifluoroethyl vinyl ether	406-90-6	4.26748	136.8500	56.190	-14.31	69.87	3
1155	C4H5F3OS	S-ethyl trifluorothioacetate	383-64-2	4.71566	369.6720	110.873	-11.38	130.14	3
1156	C4H5F3O2	ethyl trifluoroacetate	383-63-1	8.29455	1809.0000	273.150	-25.16	80.67	3
1157	C4H5F5	1,1,1,3,3-pentafluorobutane	406-58-6	9.45996	1759.7636	244.903	-36.89	35.40	3
1158	C4H5F5Se	ethyl(pentafluoro-ethyl) selenide	6123-57-5	8.21010	1815.0000	273.150	-32.15	87.81	3
1159	C4H5I	2-iodo-1,3-butadiene	19221-28-4	7.44798	1559.7552	224.928	16.97	140.68	3
1160	C4H5I	4-iodo-1,2-butadiene	67885-08-9	8.42712	1866.3937	219.924	31.37	135.90	3
1161	C4H5N	trans-crotonitrile	627-26-9	8.05609	1807.8610	240.409	15.80	146.73	2
1162	C4H5N	cis-crotonitrile	1190-76-7	7.40625	1617.2275	248.446	4.00	134.38	2
1163	C4H5N	methacrylonitrile	126-98-7	7.33434	1526.1480	252.833	-35.80	115.29	1,2
1164	C4H5N	vinylacetoneitrile	109-75-1	7.38376	1612.1365	238.968	13.57	144.70	1,2
1165	C4H5N	2-butenenitrile	4786-20-3	7.21831	1488.2604	222.565	16.77	146.14	1,2
1166	C4H5N	pyrrole	109-97-7	7.20345	1451.5978	205.963	28.04	366.60	1,2
1167	C4H5N	3-isocyano-1-propene	2835-21-4	7.04123	1405.1325	228.820	3.77	135.26	2
1168	C4H5NO2	methyl cyanoacetate	105-34-0	7.51335	1890.3051	202.500	87.72	233.91	1,2
1169	C4H5NS	allyl isothiocyanate	57-06-7	6.65591	1304.5497	193.568	37.08	181.94	3
1170	C4H5NS	2-methylthiazole	3581-87-1	7.05200	1407.0500	209.326	23.17	154.24	3
1171	C4H6	cyclobutene	822-35-5	7.20815	1108.0692	254.012	-77.00	21.93	1,2
1172	C4H6	dimethylacetylene	503-17-3	6.81325	905.3782	203.254	-47.51	46.07	1,2
1173	C4H6	ethylacetylene	107-00-6	7.17140	1070.6177	241.457	-67.98	26.90	1,2
1174	C4H6	1,2-butadiene	590-19-2	7.06482	1097.2562	251.400	-70.48	31.18	1,2
1175	C4H6	butadiene (1,3 butadiene)	106-99-0	7.03009	1000.0303	245.563	-79.72	152.22	1,2
1176	C4H6Br2	1,1-dibromo-1-butene	73383-24-1	7.56875	1737.6940	208.610	55.93	199.00	2
1177	C4H6Br2	1,2-dibromo-1-butene	55030-56-3	6.71561	1443.5279	214.364	38.19	194.13	2
1178	C4H6Br2	1,3-dibromo-2-butene	64930-16-1	7.45076	1697.3914	209.360	53.77	196.18	2
1179	C4H6Br2	3,4-dibromo-1-butene	10463-48-6	7.56875	1737.6940	208.610	55.93	199.00	2
1180	C4H6Br2	trans-1,4-dibromo-2-butene	821-06-7	7.17398	1737.3597	199.630	81.77	235.57	1,2
1181	C4H6Br2	1,3-dibromo-2-methyl-1-propene	35911-17-2	7.56875	1737.6940	208.610	55.93	199.00	2
1182	C4H6Br2	1,4-dibromo-2-butene	6974-12-5	7.56875	1737.6940	208.610	55.93	199.00	2
1183	C4H6Br4	1,1,4,4-tetrabromobutane	116779-77-2	7.61694	2098.5910	183.784	133.37	289.39	3
1184	C4H6Br4	1,2,2,3-tetrabromobutane	116779-78-3	7.61694	2098.5910	183.784	133.37	289.39	3
1185	C4H6Br4	1,2,3,4-tetrabromobutane, (±)	2657-65-0	7.61694	2098.5910	183.784	118.00	289.39	3
1186	C4H6Br4	1,2,3,4-tetrabromobutane	1529-68-6	7.61694	2098.5910	183.784	133.37	289.39	3
1187	C4H6ClFO2	2-chloroethyl fluoroacetate	1537-62-8	10.37159	2945.0000	273.150	41.10	136.46	3
1188	C4H6Cl2	1,3-dichloro-trans-2-butene	7415-31-8	8.01528	1737.6439	220.244	27.45	139.26	3
1189	C4H6Cl2	1,4-dichloro-cis-2-butene	1476-11-5	7.48701	1686.8764	213.669	46.37	178.16	1,2
1190	C4H6Cl2	1,4-dichloro-trans-2-butene	110-57-6	10.02814	2364.6833	212.666	49.26	132.73	3
1191	C4H6Cl2	3,4-dichloro-1-butene	760-23-6	7.11416	1469.7582	224.136	16.25	149.63	1,2
1192	C4H6Cl2	3-chloro-2-(chloromethyl)-1-propene	1871-57-4	7.47851	1635.6301	217.700	34.77	162.97	1,2
1193	C4H6Cl2	1,3-dichloro-1-butene	52497-07-1	7.80642	1672.2310	221.314	24.37	140.28	3
1194	C4H6Cl2	2,3-dichloro-1-butene	7013-11-8	7.19240	1479.3528	224.928	13.97	143.94	3
1195	C4H6Cl2	1,1-dichloro-2-butene	56800-09-0	7.85934	1688.8132	221.036	25.17	140.01	3
1196	C4H6Cl2	1,2-dichloro-2-butene	13602-13-6	8.10920	1767.0298	219.785	28.77	138.83	3
1197	C4H6Cl2	cis-1,3-dichloro-2-butene	10075-38-4	7.46910	1606.2394	219.924	28.37	154.73	1,2
1198	C4H6Cl2	cis-2,3-dichloro-2-butene	1587-26-4	7.83277	1680.4873	221.175	24.77	140.15	3
1199	C4H6Cl2	trans-2,3-dichloro-2-butene	1587-29-7	6.79752	1354.7540	227.708	-27.03	146.98	3
1200	C4H6Cl2	1,1-dichloro-2-methyl-1-propene	6065-93-6	7.04747	1433.6822	225.901	11.17	144.98	3

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mm Hg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
1201	C4H6Cl2	3,3-dichloro-2-methyl-1-propene	22227-75-4	7.02739	1427.3471	226.040	10.77	145.13	3
1202	C4H6Cl2	1,4-dichloro-2-butene	764-41-0	10.11555	2391.8136	212.418	49.97	132.54	3
1203	C4H6Cl2	1,3-dichloro-2-butene, cis and trans	926-57-8	7.51815	1611.6136	220.480	26.77	152.44	1,2
1204	C4H6Cl2	dichlorobutene	11069-19-5	8.02674	1743.1999	220.570	27.51	139.23	3
1205	C4H6Cl2O2	2-chloroethyl chloroacetate	3848-12-2	7.51673	2154.0897	246.220	45.85	250.70	3
1206	C4H6Cl2O2	ethyl dichloroacetate	535-15-9	6.33361	1703.5796	274.958	2.60	265.56	3
1207	C4H6Cl4	1,1,1,2-tetrachlorobutane	39966-95-5	5.66221	1139.1738	218.534	25.81	240.74	2
1208	C4H6Cl4	1,2,2,3-tetrachlorobutane	79630-70-9	6.86904	1581.3429	205.468	63.97	223.41	2
1209	C4H6Cl4	1,2,3,3-tetrachlorobutane	13138-51-7	6.93015	1608.2469	206.129	65.07	222.93	2
1210	C4H6Cl4	1,1,1,2-tetrachloro-2-methylpropane	7086-07-9	3.28044	158.7151	206.129	-136.53	1403.70	2
1211	C4H6Cl4	1,1,2,3-tetrachloro-2-methylpropane	18963-01-4	7.16695	1688.9765	203.105	70.77	220.72	1,2
1212	C4H6Cl4	1,2,3-trichloro-2-(chloromethyl)propane	18963-00-3	7.31597	1797.3761	197.406	87.17	241.57	1,2
1213	C4H6Cl4	1,2,3,4-tetrachlorobutane	3405-32-1	6.93015	1608.2469	206.129	65.07	222.93	2
1214	C4H6FN	4-fluorobutyronitrile	407-83-0	8.35040	2362.0000	273.150	48.19	183.84	3
1215	C4H6F2O2	b-fluoroethyl fluoroacetate	459-99-4	9.71310	2876.0000	273.150	56.93	167.19	3
1216	C4H6F3I	1,1,1-trifluoro-3-iodobutane	540-87-4	7.38900	1690.0000	273.150	-8.63	128.55	3
1217	C4H6F3I	1,1,1-trifluoro-3-iodo-2-methylpropane	26653-47-4	7.17600	1586.0000	273.150	-16.35	123.93	3
1218	C4H6F5NSe	1,1,2,2,2-pentafluoro-N,N-dimethylethane selenamide	6123-52-0	8.07010	1820.0000	273.150	-17.15	99.17	3
1219	C4H6F6N2O	1,1-dimethyl-2,2-bis-(trifluoromethyl)-2-oxide hydrazine	30295-33-1	7.67010	1900.0000	273.150	11.70	150.18	3
1220	C4H6O	crotonaldehyde	123-73-9	7.40352	1490.2413	227.152	5.57	128.04	1,2
1221	C4H6O	cis-crotonaldehyde	15798-64-8	7.23694	1444.9645	227.708	3.97	128.62	1,2
1222	C4H6O	trans-crotonaldehyde	123-73-9	7.19793	1434.1550	227.652	3.74	129.45	1,2
1223	C4H6O	3-butenal	7319-38-2	8.90044	1809.7412	229.098	-0.03	120.72	2
1224	C4H6O	methacrolein	78-85-3	7.14000	1303.3706	237.564	-25.29	92.46	1,2
1225	C4H6O	2,5-dihydrofuran	1708-29-8	7.15647	1271.4358	231.516	-25.00	88.37	1,2
1226	C4H6O	divinyl ether	109-93-3	7.19485	1149.1417	238.323	-52.82	48.37	1,2
1227	C4H6O	2,3-butadien-1-ol	18913-31-0	14.94347	3520.8847	220.341	32.17	111.18	2
1228	C4H6O	3-buten-2-one	78-94-4	7.23753	1403.8453	240.775	-15.71	105.37	1,2
1229	C4H6O	2-buten-1-ol	764-01-2	8.02293	1845.9452	216.435	46	165	1,2
1230	C4H6O	3-buten-1-ol	927-74-2	8.03029	1793.9325	220.522	35	149	1,2
1231	C4H6O	3-buten-2-ol	2028-63-9	8.04107	1723.1762	226.082	19	129	1,2
1232	C4H6O	(S)-(-)-3-buten-2-ol	2914-69-4	8.05061	1665.4892	230.616	6	111	3
1233	C4H6O	(R)-(+)-3-buten-2-ol	42969-65-3	8.05061	1665.4892	230.616	6	111	3
1234	C4H6O	cyclobutanone	1191-95-3	7.23145	1410.9321	225.255	1.17	123.16	1,2
1235	C4H6O	2-methyl-1-propen-1-one	598-26-5	8.01834	1576.8008	230.376	-5.71	116.66	2
1236	C4H6O	methyl vinyl ketone	78-94-4	12.26951	2806.0208	217.422	31.57	125.44	1,2
1237	C4H6OS	dihydro-2(3H)-thiophenone	1003-10-7	9.44907	2854.8855	273.150	64.74	182.38	3
1238	C4H6OS	4,5-dihydro-3(2H)-thiophenone	1003-04-9	8.53670	2534.9689	273.150	63.20	200.25	1,2
1239	C4H6O2	cis-2-butenic acid	503-64-0	7.72397	1783.5774	198.917	66.34	197.13	1,2
1240	C4H6O2	trans-2-butenic acid	107-93-7	7.70116	1753.8442	183.292	71.40	210.68	1,2
1241	C4H6O2	vinylacetic acid	625-38-7	6.84711	1282.8443	153.724	65.67	196.28	2
1242	C4H6O2	methacrylic acid	79-41-4	7.24531	1518.5097	185.373	57.77	188.32	1,2
1243	C4H6O2	cyclopropanecarboxylic acid	1759-53-1	7.68419	1864.6224	205.190	73.77	208.95	3
1244	C4H6O2	crotonic acid	3724-65-0	8.58051	2130.4891	204.078	76.97	213.14	2
1245	C4H6O2	2-butyne-1,4-diol	110-65-6	8.52792	2283.0965	166.445	136.84	260.81	1,2
1246	C4H6O2	gamma-butyrolactone	96-48-0	8.08234	2651.1757	205.142	69.19	235.86	1,2
1247	C4H6O2	methyl acrylate	96-33-3	7.27967	1384.2615	234.137	-13.70	103.67	1,2
1248	C4H6O2	vinyl acetate	108-05-4	7.34212	1393.3201	239.762	-20.07	245.98	1,2
1249	C4H6O2	allyl formate	1838-59-1	8.48353	1689.5818	232.824	-7.05	105.33	2
1250	C4H6O2	2,3-butanedione	431-03-8	7.48223	1470.8452	231.600	-4.70	110.43	1,2
1251	C4H6O2S	diacetylsulfide	3232-39-1	9.68996	2827.8750	273.150	51.85	161.37	3
1252	C4H6O3	acetic anhydride	108-24-7	8.80893	2397.2213	264.961	42.02	292.85	1,2
1253	C4H6O3	propylene carbonate	108-32-7	8.55282	3408.2685	359.193	92.06	275.38	1,2
1254	C4H6O4	dimethyl oxalate	553-90-2	8.30677	2293.6407	258.166	50.50	189.38	1,2
1255	C4H6O4	methylmalonic acid	516-05-2	11.47767	3786.1259	167.702	193.65	288.69	3
1256	C4H6S	vinylthiacyclopentane, 2-vinylthiirane	5954-75-6	11.56744	4465.9870	413.072	-0.15	119.51	3
1257	C4H6S3	trithiarcobane, cyclic trimethylene ester	1748-15-8	11.89025	5004.5010	286.192	173.35	288.48	3
1258	C4H7Br	1-bromo-1-butene	---	7.42093	1453.7291	232.115	-5.71	110.82	2
1259	C4H7Br	cis-1-bromo-1-butene	31849-78-2	6.55817	1023.9960	185.610	-1.38	117.68	1,2
1260	C4H7Br	trans-1-bromo-1-butene	32620-08-9	7.39641	1561.2160	250.989	-6.91	119.44	1,2
1261	C4H7Br	2-bromo-1-butene	23074-36-4	6.89246	1282.4386	231.629	-13.99	113.98	1,2
1262	C4H7Br	3-bromo-1-butene	22037-73-6	7.66741	1280.8275	179.505	12.60	128.73	2
1263	C4H7Br	4-bromo-1-butene	5162-44-7	6.86170	1118.1943	182.341	8.42	121.87	1,2
1264	C4H7Br	1-bromo-2-butene	4784-77-4	7.53421	1541.9636	227.013	8.97	127.47	1,2
1265	C4H7Br	1-bromo-cis-2-butene	39616-19-8	7.66259	1283.7178	180.379	12.30	127.45	2
1266	C4H7Br	1-bromo-trans-2-butene	29576-14-5	7.66259	1283.7178	180.379	12.30	127.45	2
1267	C4H7Br	2-bromo-2-butene	13294-71-8	7.53890	1488.4589	231.461	-3.83	110.71	2
1268	C4H7Br	2-bromo-cis-2-butene	3017-68-3	7.28930	1457.5519	244.824	-13.07	110.03	1,2
1269	C4H7Br	2-bromo-trans-2-butene	3017-71-8	7.73960	1609.9107	245.690	-6.82	119.68	1,2
1270	C4H7Br	3-bromo-2-butene	---	7.88035	1588.8096	229.710	1.21	117.31	2
1271	C4H7Br	4-bromo-2-butene	---	7.88035	1588.8096	229.710	1.21	117.31	2
1272	C4H7Br	1-bromo-2-methyl-1-propene	3017-69-4	6.97921	1107.4503	183.366	1.85	113.90	1,2
1273	C4H7Br	3-bromo-2-methyl-1-propene	1458-98-6	7.12945	1150.1593	182.631	5.01	118.08	2
1274	C4H7Br3	1,1,1-tribromobutane	62127-62-2	7.18056	1786.6548	197.406	91.67	249.40	2
1275	C4H7Br3	1,1,2-tribromobutane	3675-68-1	7.43823	1878.6152	195.961	95.83	245.40	1,2
1276	C4H7Br3	1,1,3-tribromobutane	---	7.31205	1835.9063	196.191	94.67	248.32	2
1277	C4H7Br3	1,1,4-tribromobutane	---	7.32823	1842.0659	196.069	95.02	248.19	2
1278	C4H7Br3	1,2,2-tribromobutane	3675-69-2	7.43682	1870.1407	196.628	93.91	242.89	1,2
1279	C4H7Br3	1,2,3-tribromobutane	632-05-3	7.51427	1913.7259	194.904	98.87	249.32	2
1280	C4H7Br3	1,2,4-tribromobutane	38300-67-3	7.32407	1841.3423	196.294	94.87	248.24	2

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mmHg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
1281	C4H7Br3	1,3,3-tribromobutane	62127-46-2	6.39984	1487.6784	204.634	70.87	257.67	2
1282	C4H7Br3	2,3,3-tribromobutane	62127-47-3	7.01109	1721.9745	198.796	87.67	250.89	2
1283	C4H7Br3	1,1,1-tribromo-2-methylpropane	---	7.21156	1797.6325	196.967	92.43	249.13	2
1284	C4H7Br3	1,1,2-tribromo-2-methylpropane	15331-16-5	7.93572	2073.7407	192.124	106.87	259.79	2
1285	C4H7Br3	1,1,3-tribromo-2-methylpropane	---	7.31205	1835.9063	196.191	94.67	248.32	2
1286	C4H7Br3	1,2,3-tribromo-2-methylpropane	631-28-7	7.51427	1913.7259	194.904	98.87	249.32	2
1287	C4H7Br3	1,3-dibromo-2-(bromomethyl)propane	62127-48-4	7.51427	1913.7259	194.904	98.87	249.32	2
1288	C4H7Cl	1-chloro-1-butene	4461-42-1	7.16740	1318.1557	237.800	-24.07	92.93	2
1289	C4H7Cl	cis-1-chloro-1-butene	7611-86-1	6.67793	969.9535	191.895	-21.07	85.55	1,2
1290	C4H7Cl	trans-1-chloro-1-butene	7611-87-2	6.68032	982.5233	190.542	-17.57	90.37	1,2
1291	C4H7Cl	2-chloro-1-butene	2211-70-3	6.64842	947.7939	193.014	-25.22	80.40	1,2
1292	C4H7Cl	3-chloro-1-butene	563-52-0	7.10812	1300.2550	243.735	-30.86	87.63	1,2
1293	C4H7Cl	4-chloro-1-butene	927-73-1	6.69809	1004.2167	189.222	-12.98	96.58	1,2
1294	C4H7Cl	1-chloro-2-butene	591-97-9	7.32405	1414.5155	234.102	-10.43	107.39	1,2
1295	C4H7Cl	1-chloro-cis-2-butene	4628-21-1	7.40322	1155.5425	185.807	-5.34	107.49	2
1296	C4H7Cl	1-chloro-trans-2-butene	4894-61-5	7.23064	1127.0089	185.543	-4.66	108.45	1,2
1297	C4H7Cl	2-chloro-2-butene	4461-41-0	7.57532	1420.9475	238.133	-22.03	85.29	1,2
1298	C4H7Cl	2-chloro-cis-2-butene	2211-69-0	7.03616	1268.4740	238.463	-28.32	90.64	1,2
1299	C4H7Cl	2-chloro-trans-2-butene	2211-68-9	7.08239	1260.6334	238.538	-31.28	86.14	1,2
1300	C4H7Cl	1-chloro-2-methyl-1-propene	513-37-1	6.63273	967.2831	189.760	-18.03	90.61	1,2
1301	C4H7Cl	3-chloro-2-methyl-1-propene	563-47-3	6.98580	1216.5178	224.801	-21.57	95.88	1,2
1302	C4H7ClO	1-chloro-2-butanone	616-27-3	6.98565	1091.6716	147.580	33.85	139.41	3
1303	C4H7ClO	3-chloro-2-butanone	4091-39-8	7.87412	1954.9675	273.150	11.25	143.48	3
1304	C4H7ClO	3-chloro-2-buten-1-ol	40605-42-3	10.77469	2224.4742	163.430	64.14	129.54	3
1305	C4H7ClO2	ethyl chloroacetate	105-39-5	7.32031	1614.3033	219.423	35.99	170.65	1,2
1306	C4H7ClS	3-chloro-2-buten-1-thiol	900002-51-9	10.55692	3745.2520	353.988	37.90	153.84	3
1307	C4H7Cl2O4P	dichlorvos	62-73-7	10.25070	3581.3000	274.350	112.79	232.28	3
1308	C4H7Cl3	1,1,1-trichlorobutane	13279-85-1	6.74755	1430.4629	218.812	-6.00	182.36	2
1309	C4H7Cl3	1,1,2-trichlorobutane	---	7.36387	1642.4521	215.240	42.85	177.50	2
1310	C4H7Cl3	1,1,3-trichlorobutane	13279-87-3	7.53519	1691.3102	213.530	45.27	179.16	1,2
1311	C4H7Cl3	1,1,4-trichlorobutane	66250-03-1	7.36387	1642.4521	215.240	42.85	177.50	2
1312	C4H7Cl3	1,2,2-trichlorobutane	---	8.35397	1974.7615	209.680	58.85	192.76	2
1313	C4H7Cl3	1,2,3-trichlorobutane	18338-40-4	7.40831	1701.9585	209.916	55.67	192.77	1,2
1314	C4H7Cl3	1,2,4-trichlorobutane	1790-22-3	8.35397	1974.7615	209.680	58.85	192.76	2
1315	C4H7Cl3	1,3,3-trichlorobutane	13280-60-9	7.36387	1642.4521	215.240	42.85	177.50	2
1316	C4H7Cl3	2,2,3-trichlorobutane	10403-60-8	7.43478	1631.7343	216.310	37.27	168.69	1,2
1317	C4H7Cl3	1,1,1-trichloro-2-methylpropane	---	7.16044	1573.8693	216.630	38.85	178.95	2
1318	C4H7Cl3	1,1,2-trichloro-2-methylpropane	29559-52-2	7.12736	1558.5760	215.893	38.47	179.13	2
1319	C4H7Cl3	1,1,3-trichloro-2-methylpropane	62108-65-0	7.16044	1573.8693	216.630	38.85	178.95	2
1320	C4H7Cl3	1,2,3-trichloro-2-methylpropane	1871-58-5	7.49079	1717.0885	210.472	54.07	190.68	1,2
1321	C4H7Cl3	1,3-dichloro-2-(chloromethyl)-propane	2014-83-7	6.71903	1424.5883	220.030	29.07	182.72	2
1322	C4H7F	1-fluoro-1-butene	---	7.55152	1279.0101	249.253	-54.03	43.45	2
1323	C4H7F	cis-1-fluoro-1-butene	66675-34-1	7.55152	1279.0101	249.253	-54.03	43.45	2
1324	C4H7F	trans-1-fluoro-1-butene	66675-35-2	7.55152	1279.0101	249.253	-54.03	43.45	2
1325	C4H7F	2-fluoro-1-butene	430-44-4	7.59346	1290.4937	249.253	-53.53	43.27	2
1326	C4H7F	3-fluoro-1-butene	---	7.55152	1279.0101	249.253	-54.03	43.45	2
1327	C4H7F	4-fluoro-1-butene	---	7.55152	1279.0101	249.253	-54.03	43.45	2
1328	C4H7F	1-fluoro-2-butene	---	7.55152	1279.0101	249.253	-54.03	43.45	2
1329	C4H7F	cis-1-fluoro-2-butene	---	7.55152	1279.0101	249.253	-54.03	43.45	2
1330	C4H7F	trans-1-fluoro-2-butene	---	7.55152	1279.0101	249.253	-54.03	43.45	2
1331	C4H7F	2-fluoro-2-butene	---	7.55152	1279.0101	249.253	-54.03	43.45	2
1332	C4H7F	cis-2-fluoro-2-butene	66675-38-5	7.74954	1329.8505	248.558	-51.53	45.78	2
1333	C4H7F	trans-2-fluoro-2-butene	66675-39-6	7.74954	1329.8505	248.558	-51.53	45.78	2
1334	C4H7F	3-fluoro-2-butene	---	7.70549	1317.8187	248.558	-52.03	45.96	2
1335	C4H7F	4-fluoro-2-butene	---	7.70549	1317.8187	248.558	-52.03	45.96	2
1336	C4H7F	1-fluoro-2-methyl-1-propene	---	7.70549	1317.8187	248.558	-52.03	45.96	2
1337	C4H7F	3-fluoro-2-methyl-1-propene	---	7.70549	1317.8187	248.558	-52.03	45.96	2
1338	C4H7FOS	ethanethioic acid, S-(2-fluoroethyl)ester	462-31-7	8.50240	2336.2000	273.150	38.24	165.94	3
1339	C4H7FO2	ethyl fluoroacetate	459-72-3	8.44841	2188.9000	273.150	-0.15	142.47	3
1340	C4H7F3	1,1,1-trifluorobutane	460-34-4	7.14768	1080.7554	236.550	-60.75	35.97	1,2
1341	C4H7F3	1,1,2-trifluorobutane	---	6.31134	1004.4161	251.978	-62.87	68.97	3
1342	C4H7F3	1,1,3-trifluorobutane	---	6.31134	1004.4161	251.978	-62.87	68.97	3
1343	C4H7F3	1,1,4-trifluorobutane	---	6.32721	1008.6403	251.855	-62.52	68.82	3
1344	C4H7F3	1,2,2-trifluorobutane	---	6.22839	982.3152	252.631	-64.75	69.80	3
1345	C4H7F3	1,2,3-trifluorobutane	---	6.31134	1004.4161	251.978	-62.87	68.97	3
1346	C4H7F3	1,2,4-trifluorobutane	---	6.32721	1008.6403	251.855	-62.52	68.82	3
1347	C4H7F3	1,3,3-trifluorobutane	---	6.22839	982.3152	252.631	-64.75	69.80	3
1348	C4H7F3	2,3,3-trifluorobutane	---	6.21319	978.2612	252.753	-65.10	69.96	3
1349	C4H7F3	1,1,1-trifluoro-2-methylpropane	---	6.21319	978.2612	252.753	-65.10	69.96	3
1350	C4H7F3	1,1,2-trifluoro-2-methylpropane	---	6.21319	978.2612	252.753	-65.10	69.96	3
1351	C4H7F3	1,1,3-trifluoro-2-methylpropane	---	6.31134	1004.4161	251.978	-62.87	68.97	3
1352	C4H7F3	1,3-difluoro-2-(fluoromethyl)-propane	---	6.32721	1008.6403	251.855	-62.52	68.82	3
1353	C4H7I	1-iodo-1-butene	---	7.65539	1601.3109	225.618	14.99	132.33	2
1354	C4H7I	cis-1-iodo-1-butene	54068-75-6	7.65539	1601.3109	225.618	14.99	132.33	2
1355	C4H7I	trans-1-iodo-1-butene	62154-92-1	7.65539	1601.3109	225.618	14.99	132.33	2
1356	C4H7I	2-iodo-1-butene	24308-61-0	7.65539	1601.3109	225.618	14.99	132.33	2
1357	C4H7I	3-iodo-1-butene	62154-74-9	7.65539	1601.3109	225.618	14.99	132.33	2
1358	C4H7I	4-iodo-1-butene	7766-51-0	7.65539	1601.3109	225.618	14.99	132.33	2
1359	C4H7I	1-iodo-2-butene	627-24-7	9.06089	2034.0724	219.368	32.97	155.55	2
1360	C4H7I	1-iodo-cis-2-butene	53121-23-6	9.06089	2034.0724	219.368	32.97	155.55	2

Table 1 Vapor Pressure – Organic Compounds

log ₁₀ P = A - B/(T + C) (P - mmHg, T - C)									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
1361	C4H7I	1-iodo-trans-2-butene	38169-04-9	9.06089	2034.0724	219.368	32.97	155.55	2
1362	C4H7I	2-iodo-2-butene	---	7.94368	1690.3567	224.108	19.33	137.70	2
1363	C4H7I	2-iodo-cis-2-butene	24298-09-7	7.94368	1690.3567	224.108	19.33	137.70	2
1364	C4H7I	2-iodo-trans-2-butene	24298-08-6	7.94368	1690.3567	224.108	19.33	137.70	2
1365	C4H7I	3-iodo-2-butene	---	7.94368	1690.3567	224.108	19.33	137.70	2
1366	C4H7I	4-iodo-2-butene	---	7.94368	1690.3567	224.108	19.33	137.70	2
1367	C4H7I	1-iodo-2-methyl-1-propene	20687-01-8	7.94368	1690.3567	224.108	19.33	137.70	2
1368	C4H7I	3-iodo-2-methyl-1-propene	3756-30-7	7.55330	1569.7362	226.188	13.35	132.90	2
1369	C4H7IO2	ethyl iodacetate	623-48-3	8.90315	2723.0000	273.150	71.40	202.79	3
1370	C4H7I3	1,1,1-triiodobutane	---	12.67177	4107.0783	174.343	177.54	258.44	2
1371	C4H7I3	1,1,2-triiodobutane	---	12.98698	4232.6994	173.690	179.42	257.99	2
1372	C4H7I3	1,1,3-triiodobutane	---	12.98698	4232.6994	173.690	179.42	257.99	2
1373	C4H7I3	1,1,4-triiodobutane	---	13.04801	4257.0180	173.568	179.77	257.91	2
1374	C4H7I3	1,2,2-triiodobutane	---	12.67177	4107.0783	174.343	177.54	258.44	2
1375	C4H7I3	1,2,3-triiodobutane	---	12.98698	4232.6994	173.690	179.42	257.99	2
1376	C4H7I3	1,2,4-triiodobutane	---	13.04801	4257.0180	173.568	179.77	257.91	2
1377	C4H7I3	1,3,3-triiodobutane	---	12.67177	4107.0783	174.343	177.54	258.44	2
1378	C4H7I3	2,2,3-triiodobutane	---	12.61469	4084.3254	174.466	177.19	258.52	2
1379	C4H7I3	1,1,1-triiodo-2-methylpropane	---	12.61469	4084.3254	174.466	177.19	258.52	2
1380	C4H7I3	1,1,2-triiodo-2-methylpropane	---	12.61469	4084.3254	174.466	177.19	258.52	2
1381	C4H7I3	1,1,3-triiodo-2-methylpropane	---	12.98698	4232.6994	173.690	179.42	257.99	2
1382	C4H7I3	1,2,3-triiodo-2-methylpropane	---	12.67177	4107.0783	174.343	177.54	258.44	2
1383	C4H7I3	1,3-diiodo-2-(iodomethyl)-propane	---	13.04801	4257.0180	173.568	179.77	257.91	2
1384	C4H7N	butyronitrile	109-74-0	7.35853	1590.4960	237.353	12.78	143.45	1,2
1385	C4H7N	isobutyronitrile	78-82-0	7.16907	1430.8791	228.824	3.12	130.04	1,2
1386	C4H7N	propyl isocyanide	627-36-1	6.75123	1340.6825	228.542	4.57	147.06	2
1387	C4H7N	isopropyl isocyanide	598-45-8	6.35910	1216.2630	231.823	-4.87	150.98	2
1388	C4H7NO	acetone cyanohydrin	75-86-5	10.08198	3366.8771	310.947	59.77	177.00	3
1389	C4H7NO	2-methacrylamide	79-39-0	13.11374	3577.4929	193.007	102.32	167.20	3
1390	C4H7NO	3-methoxypropionitrile	110-67-8	7.59659	1870.5214	232.101	51.46	191.60	1,2
1391	C4H7NO	2-pyrrolidone	616-45-5	7.56887	2089.3907	200.634	117.44	275.63	1,2
1392	C4H7NO	propyl isocyanate	110-78-1	7.10903	1392.9887	232.851	-4.83	121.85	2
1393	C4H8	methylcyclopropane	594-11-6	6.84918	936.6542	234.180	-74.05	21.22	1,2
1394	C4H8	cyclobutane	287-23-0	7.20543	1125.8091	249.476	-90.67	30.33	1,2
1395	C4H8	1-butene	106-98-9	7.03740	1013.9682	250.292	-82.34	12.70	1,2
1396	C4H8	2-butene	107-01-7	7.24743	1125.5428	255.411	-75.25	21.44	1,2
1397	C4H8	cis-2-butene	590-18-1	7.02862	1028.3393	244.234	-73.66	23.09	1,2
1398	C4H8	trans-2-butene	624-64-6	7.05731	1036.5415	247.135	-76.01	20.33	1,2
1399	C4H8	isobutene	115-11-7	6.99678	984.2258	246.124	-82.00	11.87	1,2
1400	C4H8BrClO	2-bromoethyl 2-chloroethyl ether	51070-66-7	7.55882	1945.7700	220.170	76.49	224.38	3
1401	C4H8Br2	1,1-dibromobutane	62168-25-6	7.03974	1630.1393	222.079	47.82	200.47	2
1402	C4H8Br2	1,2-dibromobutane	533-98-2	7.90892	2215.5773	274.668	46.02	194.03	1,2
1403	C4H8Br2	1,3-dibromobutane	107-80-2	7.10312	1423.7959	163.158	70.13	199.94	1,2
1404	C4H8Br2	1,4-dibromobutane	110-52-1	7.45895	1841.2958	205.143	79.93	225.36	1,2
1405	C4H8Br2	2,2-dibromobutane	50341-35-0	6.92667	1272.2826	169.916	44.76	169.83	1,2
1406	C4H8Br2	2,3-dibromobutane	5408-86-6	7.53903	1719.6099	211.306	51.67	183.35	1,2
1407	C4H8Br2	DL-2,3-dibromobutane	598-71-0	7.00336	1347.5455	166.223	58.24	186.40	1,2
1408	C4H8Br2	meso-2,3-dibromobutane	5780-13-2	7.00836	1339.3585	167.143	55.77	182.88	1,2
1409	C4H8Br2	1,1-dibromo-2-methylpropane	33693-78-6	6.23888	1141.6986	170.104	47.82	203.36	2
1410	C4H8Br2	1,2-dibromo-2-methylpropane	594-34-3	6.90539	1281.8919	168.466	48.61	175.80	1,2
1411	C4H8Br2	1,3-dibromo-2-methylpropane	28148-04-1	7.27951	1464.9457	163.158	70.13	194.35	2
1412	C4H8ClF	1-chloro-4-fluorobutane	462-73-7	8.20307	1738.1555	224.178	17.13	121.98	2
1413	C4H8Cl2	1,1-dichlorobutane	541-33-3	7.04414	1378.8837	217.348	10.79	139.66	1,2
1414	C4H8Cl2	1,2-dichlorobutane	616-21-7	7.43324	1728.5767	256.854	11.84	149.74	1,2
1415	C4H8Cl2	1,3-dichlorobutane	1190-22-3	6.79378	1197.6472	174.222	32.49	157.36	1,2
1416	C4H8Cl2	1,4-dichlorobutane	110-56-5	7.94862	1820.1117	222.302	39.64	159.53	1,2
1417	C4H8Cl2	2,2-dichlorobutane	4279-22-5	6.90952	1311.8650	221.580	0.41	130.35	1,2
1418	C4H8Cl2	DL-2,3-dichlorobutane	2211-67-8	6.57419	1106.2529	177.244	21.22	148.86	2
1419	C4H8Cl2	meso-2,3-dichlorobutane	4028-56-2	6.44984	1072.6231	178.257	18.56	149.96	2
1420	C4H8Cl2	1,1-dichloro-2-methylpropane	598-76-5	6.68377	1089.3234	181.441	10.21	129.62	1,2
1421	C4H8Cl2	1,2-dichloro-2-methylpropane	594-37-6	6.62814	1074.4647	179.878	11.03	131.90	1,2
1422	C4H8Cl2	1,3-dichloro-2-methylpropane	616-19-3	7.28164	1302.9545	173.791	33.63	144.02	2
1423	C4H8Cl2	2,3-dichlorobutane, dl and meso	7581-97-7	7.50457	1572.6514	223.274	18.50	140.54	1,2
1424	C4H8Cl2O	bis(2-chloroethyl) ether	111-44-4	6.80310	1611.2741	217.526	60.13	227.42	3
1425	C4H8Cl2S	bis(2-chloroethyl) sulfide	505-60-2	8.72370	2738.1410	252.628	101.88	241.46	3
1426	C4H8Cl2S3	bis(2-chloroethyl)-trisulfide	19149-77-0	9.23029	3565.7000	273.150	160.09	316.37	3
1427	C4H8F2	1,1-difluorobutane	2358-38-5	6.63922	1094.5362	237.542	-43.45	79.04	2
1428	C4H8F2	1,2-difluorobutane	686-65-7	6.58631	933.7575	198.311	-31.16	75.96	2
1429	C4H8F2	1,3-difluorobutane	691-42-9	7.06582	1042.6019	195.446	-23.56	72.99	2
1430	C4H8F2	1,4-difluorobutane	372-90-7	6.79812	1053.7506	191.199	-9.46	100.19	1,2
1431	C4H8F2	2,2-difluorobutane	353-81-1	6.64909	878.3306	202.236	-46.75	51.09	1,2
1432	C4H8F2	2,3-difluorobutane	666-21-7	6.40832	889.0946	198.365	-33.97	77.20	2
1433	C4H8F2	1,1-difluoro-2-methylpropane	62126-91-4	5.90165	773.6151	202.411	-44.58	82.03	2
1434	C4H8F2	1,2-difluoro-2-methylpropane	62126-92-5	5.92206	774.6711	201.040	-43.65	81.66	2
1435	C4H8F2	1,3-difluoro-2-methylpropane	62126-93-6	7.22863	1079.4241	194.587	-21.29	72.15	2
1436	C4H8F2O4S	bis(2-fluoroethyl)-sulfate	381-46-4	9.81170	3335.6000	273.150	105.39	229.97	3
1437	C4H8I2	1,1-diiodobutane	66587-65-3	6.48101	1627.2531	197.240	99.65	295.99	2
1438	C4H8I2	1,2-diiodobutane	53161-72-1	5.52019	994.4202	122.013	97.98	303.25	2
1439	C4H8I2	1,3-diiodobutane	18371-24-9	6.79951	1758.1429	193.904	109.25	292.08	2
1440	C4H8I2	1,4-diiodobutane	628-21-7	6.74833	1760.6288	192.236	114.05	301.42	1,2

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mmHg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
1441	C4H8I2	2,2-diiodobutane	29443-50-3	6.38342	1587.0406	198.352	96.45	297.35	2
1442	C4H8I2	2,3-diiodobutane	66587-66-4	6.53132	1647.9667	196.684	101.25	295.32	2
1443	C4H8I2	1,1-diiodo-2-methylpropane	10250-55-2	6.24422	1529.5802	200.020	91.65	299.45	2
1444	C4H8I2	1,2-diiodo-2-methylpropane	66794-23-8	6.38342	1587.0406	198.352	96.45	297.35	2
1445	C4H8I2	1,3-diiodo-2-methylpropane	17616-44-3	6.53132	1647.9667	196.684	101.25	295.32	2
1446	C4H8N2O4	1,4-dinitrobutane	4286-49-1	7.58340	1957.3459	197.545	99.77	247.15	3
1447	C4H8O	1,2-epoxybutane	106-88-7	7.98072	2041.8563	337.021	-44.52	88.46	1,2
1448	C4H8O	ethyl vinyl ether	109-92-2	7.18441	1186.4584	240.840	-48.99	55.58	1,2
1449	C4H8O	3-methoxy-1-propene	627-40-7	8.03409	1444.8186	243.832	-38.43	53.93	2
1450	C4H8O	butyraldehyde	123-72-8	7.21500	1317.4444	229.115	-17.14	97.54	1,2
1451	C4H8O	isobutyraldehyde	78-84-2	7.33946	1307.6556	230.435	-24.16	84.09	1,2
1452	C4H8O	methyl ethyl ketone	78-93-3	7.19130	1323.0708	227.093	-13.39	102.90	1,2
1453	C4H8O	tetrahydrofuran	109-99-9	7.05977	1247.2958	232.621	-26.79	89.02	1,2
1454	C4H8O	2-buten-1-ol	6117-91-5	7.78018	1684.5860	222.287	26.17	144.06	1,2
1455	C4H8O	cis-2-buten-1-ol	4088-60-2	10.61084	2422.6418	221.870	30.20	104.24	2
1456	C4H8O	trans-2-buten-1-ol	504-61-0	7.77984	1683.4066	222.371	25.93	143.75	1,2
1457	C4H8O	3-buten-1-ol	627-27-0	7.78002	1656.2321	224.511	19.77	135.68	1,2
1458	C4H8O	3-buten-2-ol	598-32-3	7.77967	1597.7523	229.098	6.57	118.40	1,2
1459	C4H8O	1-methyl-2-propen-1-ol, (+,-)	6118-14-5	8.10267	1673.8724	229.015	6.65	111.15	2
1460	C4H8O	2-methyl-2-propen-1-ol	513-42-8	7.76125	1653.4087	224.233	20.31	136.82	1,2
1461	C4H8O	butylene oxide	26249-20-7	6.18436	1108.8118	239.106	-50.00	130.19	2
1462	C4H8OS	1,4-oxathiane	15980-15-1	6.32766	1043.0744	155.567	40.22	176.01	1,2
1463	C4H8OSe	1,4-oxaselenane	5368-46-7	5.88784	903.5340	129.821	55.03	204.08	3
1464	C4H8O2	butanoic acid	107-92-6	7.71423	1786.2007	206.702	59.33	187.39	1,2
1465	C4H8O2	isobutanoic acid	79-31-2	7.63439	1702.4244	204.285	52.32	178.06	1,2
1466	C4H8O2	propyl formate	110-74-7	7.00223	1194.7952	208.949	-9.89	103.79	1,2
1467	C4H8O2	isopropyl formate	625-55-8	6.82709	1046.5890	196.959	-17.35	90.15	1,2
1468	C4H8O2	ethyl acetate	141-78-6	7.26010	1338.5652	228.608	-14.78	99.61	1,2
1469	C4H8O2	methyl propanoate	554-12-1	7.21049	1329.7878	227.283	-13.16	102.80	1,2
1470	C4H8O2	1,4-dioxane	123-91-1	7.30749	1487.9209	234.976	0.92	125.68	1,2
1471	C4H8O2	cis-2-butene-1,4-diol	6117-80-2	9.83301	3621.7711	285.904	124.12	258.63	1,2
1472	C4H8O2	trans-2-butene-1,4-diol	821-11-4	9.72023	2645.0890	193.278	110.05	211.27	3
1473	C4H8O2	3-butene-1,2-diol	497-06-3	8.72122	2306.3853	201.437	97.27	214.92	3
1474	C4H8O2	R,S-3-butene-1,2-diol	86161-40-2	6.50997	1488.3953	216.658	15.10	230.56	3
1475	C4H8O2	2-butene-1,4-diol	110-64-5	5.96334	1270.0314	218.546	37.34	238.05	3
1476	C4H8O2	1,3-dioxane	505-22-6	7.48110	1660.8274	255.477	0.78	130.83	1,2
1477	C4H8O2S	sulfolane	126-33-0	7.47186	2234.2030	201.794	143.42	319.00	1,2
1478	C4H8O2S	allylmethyl sulfone	16215-14-8	9.95010	3563.0000	273.150	124.95	253.28	3
1479	C4H8S	tetrahydrothiophene	110-01-0	7.16663	1503.5674	230.974	12.85	146.35	1,2
1480	C4H8S	2-ethylthiacyclopropane	3195-86-6	6.70218	1269.7183	219.050	3.62	141.63	2
1481	C4H8S	2,2-dimethylthiacyclopropane	3772-13-2	6.07531	1072.9608	222.660	-11.25	148.16	2
1482	C4H8S	2,cis-3-dimethylthiacyclopropane	5954-71-2	5.78657	1018.3822	237.252	-24.49	153.72	2
1483	C4H8S	2,trans-3-dimethylthiacyclopropane	5955-98-6	5.78657	1018.3822	237.252	-24.49	153.72	2
1484	C4H8S2	1,4-dithiane	505-29-3	5.27484	655.7758	74.372	79.03	238.95	1,2
1485	C4H9Br	1-bromobutane	109-65-9	7.28484	1463.6875	231.502	1.39	125.23	1,2
1486	C4H9Br	2-bromobutane	78-76-2	7.25549	1439.5096	238.205	-8.09	115.17	1,2
1487	C4H9Br	1-bromo-2-methylpropane	78-77-3	7.30359	1466.2588	240.374	-7.77	115.36	1,2
1488	C4H9Br	2-bromo-2-methylpropane	507-19-7	7.30365	1469.3479	258.969	-25.87	97.51	1,2
1489	C4H9Br	2-bromobutane, (±)	5787-31-5	7.19003	1411.9022	230.683	-2.59	121.57	2
1490	C4H9Cl	1-chlorobutane	109-69-3	7.19267	1344.7283	235.017	-17.87	100.26	1,2
1491	C4H9Cl	2-chlorobutane	78-86-4	7.25087	1378.0728	247.194	-26.73	91.48	1,2
1492	C4H9Cl	1-chloro-2-methylpropane	513-36-0	6.99930	1221.5076	227.841	-24.23	92.14	1,2
1493	C4H9Cl	2-chloro-2-methylpropane	507-20-0	6.94188	1172.3462	237.729	-40.43	74.06	1,2
1494	C4H9ClF2Si	butylchlorodifluoro-silane	10132-56-6	7.79298	1754.4000	273.150	-14.88	107.32	3
1495	C4H9ClO2	1-(2-chloroethoxy)-ethanol	108743-22-2	12.46822	3899.7133	249.450	90.60	170.49	3
1496	C4H9ClO2S	1-butanefulfonyl chloride	2386-60-9	7.70864	1999.8180	215.207	82.89	226.57	3
1497	C4H9ClS	2-chloroethyl ethyl sulfide	693-07-2	8.27714	2318.8000	273.150	45.49	181.94	3
1498	C4H9Cl2FSi	butyldichlorofluoro-silane	10132-55-5	7.69313	1873.3000	273.150	6.73	142.10	3
1499	C4H9Cl3Si	butyltrichlorosilane	7521-80-4	6.99948	1496.2343	214.781	34.61	177.15	3
1500	C4H9F	1-fluorobutane	2366-52-1	8.20024	1347.2618	237.805	-50.69	30.66	2
1501	C4H9F	2-fluorobutane	359-01-3	7.51402	1150.9727	232.952	-56.26	32.73	2
1502	C4H9F	1-fluoro-2-methylpropane	359-00-2	7.21323	1176.1079	256.000	-66.71	35.74	2
1503	C4H9F	2-fluoro-2-methylpropane	353-61-7	6.74432	988.3074	240.339	-77.00	37.08	2
1504	C4H9FO	4-fluoro-1-butanol	372-93-0	11.18620	3343.0000	273.150	49.85	144.50	3
1505	C4H9F3Si	butyltrifluorosilane	371-93-7	7.86737	1623.4000	274.150	-37.76	72.32	3
1506	C4H9I	1-iodobutane	542-69-8	7.22744	1556.0227	228.134	21.73	156.49	1,2
1507	C4H9I	2-iodobutane	513-48-4	8.52004	2258.3084	281.614	18.69	141.43	1,2
1508	C4H9I	2-iodobutane, (±)	52152-71-3	7.22205	1487.8577	222.677	16.45	145.59	1,2
1509	C4H9I	1-iodo-2-methylpropane	513-38-2	8.48108	2241.6352	280.223	19.42	142.79	1,2
1510	C4H9I	2-iodo-2-methylpropane	558-17-8	6.75276	1202.8243	210.601	-1.51	126.24	1,2
1511	C4H9N	pyrrolidine	123-75-1	7.13715	1288.8514	215.958	-5.95	109.90	1,2
1512	C4H9N	N-methyl-2-propen-1-amine	627-37-2	7.44770	1385.2392	238.272	-23.43	86.45	1,2
1513	C4H9N	2-methylallylamine	2878-14-0	8.35403	1633.6996	234.380	-12.23	81.48	2
1514	C4H9NO	N,N-dimethylacetamide	127-19-5	6.77359	1195.2174	141.984	65.03	190.78	1,2
1515	C4H9NO	morpholine	110-91-8	6.31005	1321.8924	224.510	-3.10	198.06	3
1516	C4H9NO	2-butanone oxime	96-29-7	7.58369	1716.2122	212.378	48.30	177.51	1,2
1517	C4H9NO	N-methylpropanamide	1187-58-2	4.99779	348.6068	3.705	81.10	188.27	3
1518	C4H9NO2	1-nitrobutane	627-05-4	8.14613	2451.9610	312.632	30.49	181.29	1,2
1519	C4H9NO2	2-nitrobutane	600-24-8	7.47629	1822.8122	257.003	24.46	167.45	1,2
1520	C4H9NO2	1-nitro-2-methylpropane	625-74-1	7.36059	1605.4910	216.666	35.75	167.54	1,2

Table 1 Vapor Pressure – Organic Compounds

log ₁₀ P = A - B/(T + C) (P - mmHg, T - C)									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
1521	C4H9NO2	2-nitro-2-methylpropane	594-70-7	7.34449	1553.1971	220.714	24.10	152.41	1,2
1522	C4H9NO2	2-nitrobutane, (±)	116781-85-2	7.22166	1564.8367	217.144	34.37	170.21	2
1523	C4H9NO3	butyl nitrate	928-45-0	7.22626	1543.2416	219.090	28.77	162.48	1,2
1524	C4H9NO3	isobutyl nitrate	543-29-3	7.22148	1498.4386	221.759	19.09	149.17	1,2
1525	C4H9NO3	sec-butyl nitrate	924-52-7	7.34575	1543.0460	221.592	21.57	148.98	1,2
1526	C4H10	butane	106-97-8	7.00908	1022.3862	248.145	-78.00	18.99	1,2
1527	C4H10	isobutane	75-28-5	6.93551	954.1820	247.077	-86.32	7.12	1,2
1528	C4H10AlCl	diethylaluminum chloride	96-10-6	8.24176	2484.5300	255.450	87.63	235.57	3
1529	C4H10BF3O	boron trifluoride etherate	109-63-7	10.10269	2879.0000	273.150	43.13	142.84	3
1530	C4H10BF3S	diethyl sulfide-boron trifluoride	90000-41-1	8.53500	1893.0000	273.150	-21.92	80.47	3
1531	C4H10F2Si	diethyldifluorosilane	358-06-5	6.76959	1066.6124	213.280	-29.15	84.01	3
1532	C4H10F3NOS	(diethylaminato)-trifluorooxosulfur	26458-94-6	8.51484	2587.6600	273.150	55.85	212.07	3
1533	C4H10F3NS	diethylaminosulfur trifluoride	38078-09-0	8.41024	2363.6000	273.150	44.85	178.92	3
1534	C4H10N2	piperazine	110-85-0	7.37342	1563.1705	201.893	43.37	171.04	1,2
1535	C4H10O	butanol	71-36-3	7.30130	1285.0227	173.247	30.68	138.69	1,2
1536	C4H10O	isobutanol	78-83-1	7.16115	1164.4309	164.392	24.60	128.23	1,2
1537	C4H10O	sec-butanol	78-92-2	7.51395	1322.1119	186.510	16.46	118.68	1,2
1538	C4H10O	tert-butanol	75-65-0	7.13804	1069.7622	168.931	5.35	101.47	1,2
1539	C4H10O	(R)-(-)-2-butanol	14898-79-4	8.04292	1692.9302	228.403	11.97	119.86	1,2
1540	C4H10O	(S)-(+)-2-butanol	4221-99-2	8.02825	1689.2213	228.417	11.93	120.13	1,2
1541	C4H10O	(<-+>)-2-butanol	15892-23-6	8.09397	1702.7936	228.584	11.45	118.07	1,2
1542	C4H10O	methyl propyl ether	557-17-5	6.65707	854.9293	187.846	-36.72	58.16	1,2
1543	C4H10O	methyl isopropyl ether	598-53-8	7.18060	1184.3132	244.686	-53.07	51.49	1,2
1544	C4H10O	diethyl ether	60-29-7	7.04030	1111.4449	232.657	-48.65	55.40	1,2
1545	C4H10O2	t-butyl hydroperoxide	75-91-2	9.76683	2344.4675	233.128	34.30	122.90	3
1546	C4H10O2	1,2-dimethoxyethane	110-71-4	7.26380	1410.3498	236.928	-11.77	108.58	1,2
1547	C4H10O2	2-ethoxyethanol	110-80-5	8.39587	2135.3178	252.030	36.69	157.50	1,2
1548	C4H10O2	2-methoxy-1-propanol	1589-47-5	10.01421	2299.8257	220.063	35.07	116.54	3
1549	C4H10O2	propylene glycol monomethyl ether	107-98-2	8.05257	1764.7387	222.677	27.55	139.64	1,2
1550	C4H10O2	(S)-(+)-2-methoxypropanol	116422-39-0	14.16930	3551.4176	212.266	57.41	110.96	3
1551	C4H10O2	methoxypropanol	1320-67-8	9.16552	2042.8038	222.704	27.47	118.69	3
1552	C4H10O2	(S)-(+)-1-methoxy-2-propanol	26550-55-0	14.16930	3551.4176	212.266	57.41	110.96	3
1553	C4H10O2	(R)-(-)-1-methoxy-2-propanol	4984-22-9	14.16930	3551.4176	212.266	57.41	110.96	3
1554	C4H10O2	3-methoxy-1-propanol	1589-49-7	14.16930	3551.4176	212.266	57.41	110.96	3
1555	C4H10O2	1,2-butanediol	584-03-2	8.00178	2015.6395	203.105	84.77	215.08	1,2
1556	C4H10O2	1,3-butanediol	107-88-0	8.06031	2097.8321	198.176	98.95	231.84	1,2
1557	C4H10O2	1,4-butanediol	110-63-4	7.89692	2120.4600	192.680	114.77	257.04	1,2
1558	C4H10O2	DL-2,3-butanediol	6982-25-8	7.91745	1955.9757	205.830	76.93	207.21	1,2
1559	C4H10O2	meso-2,3-butanediol	5341-95-7	7.29374	1773.5392	206.344	75.45	224.97	3
1560	C4H10O2	2-methyl-1,2-propanediol	558-43-0	8.00692	1971.3977	206.580	74.77	201.99	1,2
1561	C4H10O2	1-methyl-1,3-propanediol	18826-95-4	9.01801	2406.5432	196.572	103.57	215.78	3
1562	C4H10O2	1,2-butanediol, (±)	26171-83-5	7.76825	1948.4108	203.105	84.77	221.72	3
1563	C4H10O2	(2S,3S)-(+)-2,3-butanediol	19132-06-0	8.00136	1975.1342	206.177	75.93	203.64	1,2
1564	C4H10O2	(2R,3R)-(-)-2,3-butanediol	24347-58-8	5.99462	1269.8668	212.266	41.98	239.20	3
1565	C4H10O2	(S)-(+)-1,3-butanediol	24621-61-2	6.59287	1513.8457	212.266	58.41	231.54	3
1566	C4H10O2	2,3-butanediol	513-85-9	7.93001	1964.2315	205.468	77.97	208.21	1,2
1567	C4H10O2	(R)-(-)-1,3-butanediol	6290-03-5	6.59287	1513.8457	212.266	58.41	231.54	3
1568	C4H10O2	2-methyl-1,3-propanediol	2163-42-0	9.01801	2406.5432	196.572	103.57	215.78	3
1569	C4H10O2	diethylperoxide	628-37-5	7.51228	1593.8962	279.145	-39.00	88.92	1,2
1570	C4H10O2	dimethylacetate	534-15-6	6.64019	1010.8750	204.344	-25.12	87.96	1,2
1571	C4H10O2S	bis(2-hydroxyethyl) sulfide	111-48-8	21.68932	3.4459E+04	1549.120	116.45	312.80	1,2
1572	C4H10O2S	diethyl sulfone	597-35-3	7.40272	1958.5311	187.120	118.77	276.89	1,2
1573	C4H10O3	diethylene glycol	111-46-6	7.65732	2065.8762	186.657	123.66	274.94	1,2
1574	C4H10O4S	diethyl sulfate	64-67-5	7.18042	1781.2974	204.905	83.31	240.58	1,2
1575	C4H10O4S	methyl propyl sulfate	5867-91-4	6.52342	1548.4133	197.534	82.80	265.84	3
1576	C4H10S	1-butanethiol	109-79-5	7.58185	1535.0872	228.692	4.54	120.19	1,2
1577	C4H10S	2-butanethiol	513-53-1	7.55093	1481.7791	232.440	-6.25	106.71	1,2
1578	C4H10S	isobutyl mercaptan	513-44-0	7.57885	1500.1499	231.464	-3.44	109.71	1,2
1579	C4H10S	tert-butyl mercaptan	75-66-1	7.56000	1413.3999	238.211	-22.75	84.62	1,2
1580	C4H10S	2-thiapentane	3877-15-4	7.05540	1328.8987	222.780	-3.32	120.29	1,2
1581	C4H10S	3-thiapentane	352-93-2	7.21535	1425.8980	237.112	-7.70	116.40	1,2
1582	C4H10S	3-methyl-2-thiabutane	1551-21-9	6.96274	1268.8353	224.993	-12.20	110.60	1,2
1583	C4H10S2	1,4-butanedithiol	1191-08-8	7.06528	1633.0266	194.709	74.53	225.80	1,2
1584	C4H10S2	1,3-butanedithiol	24330-52-7	6.77638	1566.9301	204.495	66.77	231.43	2
1585	C4H10S2	1,2-butanedithiol	16128-68-0	6.48147	1458.3202	207.275	58.77	234.69	2
1586	C4H10S2	2,3-butanedithiol	4532-64-3	6.52805	1475.5030	206.814	60.10	234.13	2
1587	C4H10S2	2,3-dithiahexane	2179-60-4	7.34757	1615.5661	213.947	40.57	173.88	2
1588	C4H10S2	3,4-dithiahexane	110-81-6	7.31281	1702.7095	232.135	37.59	180.05	1,2
1589	C4H10S2	2,4-dithiahexane	---	7.76745	1754.9322	211.390	47.93	171.32	2
1590	C4H10S2	2,5-dithiahexane	6628-18-8	8.77284	2081.1099	205.468	62.27	166.76	2
1591	C4H10Se	diethyl selenide	627-53-2	7.58279	1666.8380	246.497	6.71	132.25	3
1592	C4H10Te	diethyl telluride	627-54-3	8.16321	2161.2760	271.647	21.85	162.23	3
1593	C4H11ClSi	chlorodiethylsilane	1609-19-4	7.41950	1689.5000	273.150	-9.97	125.54	3
1594	C4H11N	butylamine	109-73-9	7.18928	1311.9496	226.655	-14.68	100.72	1,2
1595	C4H11N	isobutylamine	78-81-9	7.30553	1328.6455	232.428	-21.72	89.77	1,2
1596	C4H11N	sec-butylamine	13952-84-6	7.17944	1292.3262	237.787	-28.65	85.49	1,2
1597	C4H11N	tert-butylamine	75-64-9	7.13683	1212.5856	240.061	-66.96	66.54	1,2
1598	C4H11N	2-butanamine, (+/-)-	33966-50-6	7.60886	1428.6991	238.625	-22.45	84.10	1,2
1599	C4H11N	(R)-(-)-sec-butylamine	13250-12-9	7.48748	1393.2150	239.384	-24.63	84.19	1,2
1600	C4H11N	(S)-(+)-sec-butylamine	513-49-5	7.59316	1422.6207	238.842	-23.07	83.65	1,2

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mmHg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
1601	C4H11N	methyl-propylamine	627-35-0	6.98291	1062.2335	195.899	-18.35	83.56	1,2
1602	C4H11N	methylisopropylamine	4747-21-1	6.30492	669.1038	143.860	-17.73	70.39	1,2
1603	C4H11N	diethylamine	109-89-7	6.55214	828.3488	170.077	-20.88	75.70	1,2
1604	C4H11N	dimethylethylamine	598-56-1	6.36953	810.9481	195.899	-44.87	58.50	1,2
1605	C4H11NO	dimethylethanolamine	108-01-0	7.87882	1763.6068	218.812	37.57	156.67	1,2
1606	C4H11NO	3-amino-1-butanol	2867-59-6	7.36098	1696.2102	213.339	53.32	192.54	3
1607	C4H11NO	3-amino-2-butanol	42551-55-3	7.63064	1789.9711	211.584	58.37	190.76	3
1608	C4H11NO	4-amino-1-butanol	13325-10-5	7.82274	2002.0933	199.074	94.37	232.33	1,2
1609	C4H11NO	2-amino-1-butanol, (±)-	13054-87-0	8.56118	2112.2171	206.580	72.77	186.07	3
1610	C4H11NO	2-amino-2-methyl-1-propanol	124-68-5	7.88309	1877.8811	210.055	62.77	189.39	1,2
1611	C4H11NO	2-(ethylamino)ethanol	110-73-6	7.87271	1889.3995	208.943	65.97	193.84	1,2
1612	C4H11NO	4-amino-2-butanol	39884-48-5	7.36098	1696.2102	213.339	53.32	192.54	3
1613	C4H11NO	1-amino-2-butanol	13552-21-1	7.87764	1888.5996	209.110	65.49	193.08	1,2
1614	C4H11NO	4-aminobutan-2-ol	39884-48-5	7.36098	1696.2102	213.339	53.32	192.54	3
1615	C4H11NO	(S)-(+)-2-amino-1-butanol	5856-62-2	7.87168	1901.6206	207.970	68.76	197.51	1,2
1616	C4H11NO	(R)-(-)-2-amino-1-butanol	5856-63-3	7.87215	1901.8018	207.970	68.77	197.50	1,2
1617	C4H11NO	2-aminobutan-1-ol	96-20-8	8.50195	2091.7546	206.858	71.97	186.32	3
1618	C4H11NO	1-amino-2-methyl-2-propanol	2854-16-2	7.88081	1824.8186	214.114	51.09	174.23	1,2
1619	C4H11NO2	diethanolamine	111-42-2	8.38619	2515.6387	188.552	152.03	294.82	1,2
1620	C4H11NO2	2-aminoethoxyethanol	929-06-6	11.70895	3244.6520	170.364	132.62	210.15	3
1621	C4H11NO2	2-amino-2-methyl-1,3-propanediol	115-69-5	18.54226	5843.4516	185.940	147.17	194.48	3
1622	C4H11NO2	3-methylamino-1,2-propanediol	40137-22-2	16.93850	5265.5765	187.398	142.97	195.37	3
1623	C4H12BN	(dimethylamino)dimethylborane	1113-30-0	7.04831	1240.6114	232.688	-27.57	88.18	3
1624	C4H12Cl2OSi2	1,3-dichloro-1,1,3,3-tetramethyldisiloxane	2401-73-2	6.92745	1388.9235	205.229	29.09	165.58	3
1625	C4H12FN2OP	dimefox	115-26-4	8.53638	2632.2000	273.150	38.85	218.43	3
1626	C4H12N2	1,4-butanediamine	110-60-1	7.67693	1777.2071	212.001	27.50	183.37	1,2
1627	C4H12N2	2,3-butanediamine, (R*,R*)-(±)	20699-48-3	8.20630	1784.3625	221.886	25.73	133.25	3
1628	C4H12N2	N,N'-dimethyl-1,2-ethanediamine	110-70-3	7.66795	1640.8100	222.704	1.63	143.05	1,2
1629	C4H12N2	N-ethyl-1,2-ethanediamine	110-72-5	7.67017	1672.6942	220.202	1.63	152.47	1,2
1630	C4H12N2	2-methyl-1,2-propanediamine	811-93-8	8.20964	1785.3967	221.870	25.77	133.24	3
1631	C4H12N2	1,1-diethylhydrazine	616-40-0	7.44228	1514.6585	228.542	6.57	126.98	2
1632	C4H12N2	1,2-diethylhydrazine	1615-80-1	7.65858	1518.5922	232.295	-4.23	106.92	1,2
1633	C4H12N2	1,3-butanediamine	590-88-5	9.95779	2325.8581	215.476	44.17	127.78	3
1634	C4H12N2	N,N-dimethylethylenediamine	108-00-9	7.66673	1590.0506	226.735	11.77	127.80	1,2
1635	C4H12N2	3-(methylamino)propylamine	6291-84-5	7.67278	1711.6645	217.144	39.37	163.99	1,2
1636	C4H12N2O	N-aminoethyl ethanolamine	111-41-1	8.73101	2508.4014	189.922	134.54	262.11	1,2
1637	C4H12N2OS	tetramethylsulfurous diamide	3768-60-3	7.41670	2186.9800	273.150	46.85	243.27	3
1638	C4H12N2O2S	tetramethylsulfamide	3768-63-6	9.47309	3636.9600	326.700	84.85	251.40	3
1639	C4H12O4Si	tetramethyl silicate	681-84-5	8.35644	2177.1869	276.614	14.40	144.13	3
1640	C4H12Si	tetramethylsilane	75-76-3	6.87659	1061.5124	239.108	-58.47	48.19	1,2
1641	C4H12Sn	tetramethylstannane	594-27-4	7.12190	1360.4274	242.773	-20.55	102.51	3
1642	C4H13N3	diethylene triamine	111-40-0	8.43299	2525.8738	250.884	88.94	230.13	1,2
1643	C4NiO4	nickel carbonyl	13463-39-3	7.18430	1232.4683	244.388	-45.10	63.54	3
1644	C5ClF5	5-chloro-1,2,3,4,5-pentafluoro-1,4-cyclopentadiene	30221-56-8	7.37010	1500.0000	273.150	-37.67	84.99	3
1645	C5ClF9	1-chloro-3-(trifluoro-methyl)hexafluoro-cyclobutane, cis and trans	500037-30-9	7.74510	1570.0000	273.150	-40.39	70.90	3
1646	C5Cl3F7	1,1,5-trichloro-2,3,3,4,4,5,5-heptafluoro-1-pentene	16327-67-6	7.75750	1938.1000	273.150	13.66	150.42	3
1647	C5Cl4F8	1,1,1,5-tetrachloro-1,1,3,4,4,5,5-octafluoropentane	678-25-1	7.34020	1914.0000	273.150	28.73	187.13	3
1648	C5Cl5F7O	1,1,2-trifluoro-2,2-dichloroethyl 2,2,3,3-tetrafluoro-1,1,3-trichloro	61196-11-0	6.86969	1478.2300	194.260	57.58	206.58	3
1649	C5Cl6	hexachlorocyclopentadiene	77-47-4	7.08922	1829.1202	195.584	104.80	272.53	1,2
1650	C5F5N	pentafluoropyridine	700-16-3	8.19660	1898.0000	273.150	-9.41	105.33	3
1651	C5F8	octafluorocyclopentene	559-40-0	6.19972	682.1666	178.690	-47.50	47.35	1,2
1652	C5F8	1,1,3,4,4,5,5,5-octafluoro-1,2-pentadiene	21972-01-0	7.50010	1363.0000	273.150	-63.46	42.49	3
1653	C5F9N	3,3,3-trifluoro-N,N-bis(trifluoromethyl)-1-propynylamine	19451-91-3	7.28100	1302.0000	273.150	-65.86	44.48	3
1654	C5F9NO	3,3,4,5,6,6-hexafluoro-3,6-dihydro-2-(trifluoromethyl)-2h-1,2-oxazine	4827-67-2	7.91080	1638.0000	273.150	-36.13	73.23	3
1655	C5F10	1,1,2,3,3,4,4,5,5,5-decafluoro-1-pentene	376-87-4	7.40779	1252.0464	247.724	-52.33	48.55	1,2
1656	C5F10NP	bis(pentafluoroethyl)-phosphinocyanide	35449-90-2	7.79200	1725.0000	273.150	-19.17	101.02	3
1657	C5F10O2	1,1,1-trifluoro-1,1-bis(trifluoromethyl)-ethyl fluoroformate	55064-79-4	8.15310	1683.2000	273.150	-37.84	65.44	3
1658	C5F10O3	carbonfluorido-peroxoic acid, 2,2,2-trifluoro-1,1-bis(trifluoromethyl)-ethyl ester	64957-47-7	8.26550	1798.9000	273.150	-25.56	80.71	3
1659	C5F10O6S2	octafluoro-cyclopentanediol bis(fluorosulfate)	741-20-8	6.06349	877.0690	127.502	45.71	176.86	3
1660	C5F11N	undecafluoro-piperidine	836-77-1	6.85890	1062.9800	217.593	-36.16	71.49	3
1661	C5F12	perfluoropentane	678-26-2	7.50349	1282.3160	247.947	-50.77	48.77	1,2
1662	C5F12	perfluoro-2-methylbutane	594-91-2	6.88011	1007.3340	221.746	-50.43	50.63	3
1663	C5F12O2	bis(pentafluoro-ethoxy)difluoro-methane	20822-11-1	6.47028	854.9400	197.140	-40.85	62.84	3
1664	C5F12O2S	trifluoromethane-sulfonic acid, 2,2,2-trifluoro-1,1-bis[(trifluoro-methyl)ethyl] ester	52225-54-4	8.59010	2025.0000	273.150	-6.35	101.28	3
1665	C5F12O4S	pentafluoro(2,2,3,3,4,4,5-heptafluoro-5-oxopentane-peroxoato) sulfur	60672-63-1	8.14100	2040.4000	273.150	12.58	138.29	3
1666	C5F13N	perfluorodiethyl-methylamine	758-48-5	6.81485	1019.9900	212.833	-37.42	67.92	3
1667	C5F13NS	N-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)-ethyl]sulfimine	37826-44-1	7.78032	1907.6900	299.534	-18.18	115.32	3
1668	C5F14N2O	1,1-difluoro-N-(tri-fluoromethoxy)-N,N',N'-tris(trifluoromethoxy)methanediamine	17636-88-3	8.23300	1759.0000	273.150	-29.96	75.09	3
1669	C5F14N2O	1-[difluoro(trifluoromethoxy)methyl]-1,2,2-tris(trifluoro-methyl)hydrazine	17636-89-4	8.25500	1811.0000	273.150	-23.53	83.83	3
1670	C5F14OS	pentafluoro-[(nonafluorocyclo-pentyl)oxy] sulfur	736-59-4	7.26929	1383.4970	227.591	-6.91	110.88	3
1671	C5F15P5	1,2,3,4,5-pentakis-(trifluoromethyl)-pentaphospholane	900001-66-3	7.27531	1742.1600	207.280	45.85	218.32	3
1672	C5FeO5	iron pentacarbonyl	13463-40-6	8.89976	2480.3270	309.087	4.89	124.70	3
1673	C5HClF8O2	2,2,2-trifluoro-1-(chloro-difluoromethyl)ethyl trifluoroacetate	52225-55-5	8.57010	1921.0000	273.150	-19.39	83.37	3
1674	C5HF9	nonafluoro-cyclopentane	376-65-8	6.92336	1039.9050	218.613	-43.05	59.32	3
1675	C5HF9IN	trans-3,3,3-trifluoro-1-iodo-N,N-bis(trifluoromethyl)-propenylamine	20257-35-6	7.79900	1826.0000	273.150	-4.58	122.33	3
1676	C5HF9O2	2,2,2-trifluoro-1-(trifluoromethyl)ethyl trifluoroacetate	42031-15-2	7.51010	1487.0000	273.150	-44.74	70.41	3
1677	C5H2BrF8N	2-bromo-3,3-difluoro-N,N-bis(trifluoromethyl)-allylamine	19451-93-5	7.63500	1765.0000	273.150	-7.14	123.20	3
1678	C5H3F6N	N,N-bis(trifluoromethyl)-1-propynylamine	25237-11-0	8.04300	1625.0000	273.150	-42.42	61.13	3
1679	C5H3F9O2S	trifluoromethane-sulfonic acid, 2,2,2-trifluoro-1-methyl-1-(trifluoromethyl)ethyl ester	52225-51-1	7.51010	1784.0000	273.150	0.89	139.03	3
1680	C5H3F10NSe2	N,N-bis[(pentafluoroethyl)seleno]methylamine	6123-54-2	7.84010	2000.0000	273.150	8.85	156.20	3

Table 1 Vapor Pressure – Organic Compounds

log ₁₀ P = A - B/(T + C) (P - mmHg, T - C)									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
1681	C5H4	1,3-pentadiyne	4911-55-1	7.95099	1502.4179	240.774	-38.50	74.25	1,2
1682	C5H4BrF6N	trans-2-bromo-N,N-bis(trifluoromethyl)-propenylamine	25273-48-7	7.72300	1742.0000	273.150	-14.04	110.45	3
1683	C5H4BrN	3-bromopyridine	626-55-1	7.73422	2090.4100	257.710	15.85	201.48	3
1684	C5H4ClN	2-chloropyridine	109-09-1	7.75465	2080.2656	256.773	51.20	198.15	1,2
1685	C5H4F7I	1,1,1,2,2,3,3-heptafluoro-5-iodopentane	1513-88-8	8.03194	2020.1270	273.150	14.13	143.36	3
1686	C5H4F9N	3,3,3-trifluoro-N,N-bis(trifluoromethyl)-propylamine	19451-89-9	7.72610	1622.0000	273.150	-32.00	83.78	3
1687	C5H4O2	furfural	98-01-1	7.23946	1528.8111	189.204	55.82	187.57	1,2
1688	C5H5F6NO	1-methoxy-N,N-bis(trifluoromethyl)-vinylamine	22130-39-8	7.76910	1692.0000	273.150	-23.19	95.70	3
1689	C5H5F6NO	N,N-bis(trifluoromethyl)-allylamine-N-oxide	22743-77-7	8.11010	1730.0000	273.150	-29.83	77.89	3
1690	C5H5F6NO2	N,N-bis(trifluoro-methyl)propionamide, N-oxide	22743-66-4	8.86010	2197.0000	273.150	4.85	113.76	3
1691	C5H5F7Se	ethyl(heptafluoro-propyl) selenide	755-44-2	8.00700	1880.0000	273.150	-30.15	116.47	3
1692	C5H5N	pyridine	110-86-1	7.18365	1462.7407	224.598	11.95	140.92	1,2
1693	C5H6	cyclopentadiene	542-92-7	7.29994	1333.0595	260.807	-49.21	62.90	1,2
1694	C5H6	2-methyl-1-butene-3-yne	78-80-8	6.92839	1111.0572	242.350	-54.94	54.21	1,2
1695	C5H6	1-pentene-3-yne	646-05-9	7.11508	1267.3786	239.765	-32.51	82.46	1,2
1696	C5H6	1-pentene-4-yne	871-28-3	7.03005	1175.0108	241.337	-46.48	64.00	1,2
1697	C5H6	cis-3-penten-1-yne	1574-40-9	7.48921	1328.4423	243.666	-38.95	64.75	1,2
1698	C5H6	trans-3-penten-1-yne	2004-69-5	7.58866	1374.9396	241.553	-32.87	70.45	1,2
1699	C5H6	ethynylcyclopropane	6746-94-7	8.03175	1669.6760	273.150	-35.70	71.12	1,2
1700	C5H6Cl2O2	pentanedioyl dichloride	2873-74-7	8.36642	2574.5600	252.330	55.85	244.25	3
1701	C5H6F3NO3	N-(trifluoroacetyl)-glycine methyl ester	383-72-2	9.02010	2994.0000	273.150	100.16	239.67	3
1702	C5H6F6O2S	trifluoromethane-sulfinic acid, 2,2,2-trifluoro-1,1-dimethylethyl ester	52225-49-7	7.66010	1854.0000	273.150	5.22	140.85	3
1703	C5H6F6O5S2	methanesulfinic acid, trifluoro-2-hydroxy-1,3-propanediyl ester	61915-97-7	6.10010	1712.0000	273.150	59.85	313.50	3
1704	C5H6N2	glutaronitrile	544-13-8	7.85508	2587.3076	234.088	143.34	319.56	1,2
1705	C5H6O	2-pentynal	55136-52-2	7.56229	1638.7892	220.758	28.97	153.36	2
1706	C5H6O	3-pentynal	---	7.11288	1526.5585	220.758	28.97	167.58	2
1707	C5H6O	4-pentynal	18498-59-4	7.11288	1526.5585	220.758	28.97	167.58	2
1708	C5H6O	2-methyl-3-butyral	---	6.74582	1404.9001	223.538	20.97	170.66	2
1709	C5H6O	2-methylfuran	534-22-5	7.52320	1531.6528	266.078	-31.28	86.73	1,2
1710	C5H6O	3-methylfuran	930-27-8	7.61427	1409.6679	237.855	-24.73	80.18	2
1711	C5H6O2	furfuryl alcohol	98-00-0	8.20597	2120.7943	227.760	66.55	194.36	1,2
1712	C5H6O2	2-pentynoic acid	5963-77-9	7.69222	2024.0791	192.679	110	256	3
1713	C5H6O2	4-pentynoic acid	6089-09-4	7.69222	2024.0791	192.679	110	256	3
1714	C5H6O3	glutaric anhydride	108-55-4	7.82849	2519.6336	218.256	150.73	323.99	1,2
1715	C5H6O4	itaconic acid	97-65-4	12.54276	4032.0096	149.308	200.00	281.42	1,2
1716	C5H6S	2-methylthiophene	554-14-3	7.27960	1575.2133	245.452	5.39	138.96	1,2
1717	C5H6S	3-methylthiophene	616-44-4	7.21075	1517.9190	235.114	9.29	141.64	1,2
1718	C5H7Cl	1-chloro-2-methyl-1,3-butadiene	35383-51-8	7.02425	1381.2894	226.318	2.97	133.17	1,2
1719	C5H7Cl	1-chloro-3-methyl-1,3-butadiene	51034-46-9	7.08094	1374.2908	228.070	-2.07	124.39	2
1720	C5H7Cl	2-chloro-3-methyl-1,3-butadiene	1809-02-5	6.76954	1280.7247	230.210	-8.23	126.77	2
1721	C5H7Cl	3-chloro-3-methyl-1-butyne	1111-97-3	5.82343	1071.3133	234.936	-12.83	170.62	2
1722	C5H7Cl	5-chloro-1-pentyne	14267-92-6	6.68330	1306.6476	230.780	-0.87	142.39	1,2
1723	C5H7ClO3	propyl chloroglyoxylate	54166-91-5	5.93621	1310.6138	221.890	8.85	253.94	3
1724	C5H7FO2	allyl fluoroacetate	406-23-5	9.22370	2554.3000	273.150	37.45	149.62	3
1725	C5H7N	N-methylpyrrole	96-54-8	6.99072	1344.7856	214.356	10.12	138.71	1,2
1726	C5H7N	2-methylpyrrole	636-41-9	7.38459	1634.3364	215.032	40.95	173.84	1,2
1727	C5H7N	3-methylpyrrole	616-43-3	7.39377	1621.0007	216.338	37.19	168.52	1,2
1728	C5H7N	4-pentenitrile	592-51-8	7.23900	1556.7206	217.144	32.37	166.55	1,2
1729	C5H7N	trans-3-pentenitrile	16529-66-1	7.24457	1576.0383	215.615	36.77	172.31	1,2
1730	C5H7N	cis-2-pentenitrile	25899-50-7	6.67760	1379.5970	220.619	22.37	174.03	2
1731	C5H7N	3-pentenitrile	4635-87-4	7.24643	1576.0179	215.657	36.65	172.09	1,2
1732	C5H7NO2	ethyl cyanoacetate	105-56-6	6.92758	1420.3183	141.926	97.69	237.26	1,2
1733	C5H7NS	3-butenyl isothiocyanate	3386-97-8	8.23810	2360.0000	273.150	52.90	193.60	3
1734	C5H8	spiropentane	157-40-4	7.12997	1172.6969	237.034	-45.73	59.99	1,2
1735	C5H8	cyclopentene	142-29-0	7.10971	1212.8170	242.943	-44.44	65.83	1,2
1736	C5H8	isoprene	78-79-5	6.87380	1066.7476	233.305	-51.69	55.63	1,2
1737	C5H8	3-methyl-1,2-butadiene	598-25-4	7.02846	1137.2055	235.331	-46.69	60.31	1,2
1738	C5H8	1,2-pentadiene	591-95-7	6.88298	1125.7468	236.335	-44.98	67.83	1,2
1739	C5H8	1,3-pentadiene; (cis+trans)	504-60-9	7.60954	1353.6742	244.416	-39.61	61.31	1,2
1740	C5H8	cis-1,3-pentadiene	1574-41-0	6.86466	1118.7089	236.661	-45.91	67.10	1,2
1741	C5H8	trans-1,3-pentadiene	2004-70-8	6.73738	1039.6648	227.633	-46.42	64.77	1,2
1742	C5H8	1,4-pentadiene	591-93-5	6.69099	978.4730	230.955	-59.02	47.88	1,2
1743	C5H8	2,3-pentadiene	591-96-8	7.00115	1169.1432	235.549	-40.73	70.56	1,2
1744	C5H8	1-pentyne	627-19-0	6.95496	1035.9385	214.091	-40.13	60.47	1,2
1745	C5H8	2-pentyne	627-21-4	6.83672	1105.6641	223.377	-33.94	79.14	1,2
1746	C5H8	3-methyl-1-butyne	598-23-2	7.23284	1184.8846	243.260	-53.16	49.23	1,2
1747	C5H8	1-methylcyclobutene	1489-60-7	7.39758	1402.4558	273.150	-53.93	59.52	1,2
1748	C5H8	methylenecyclobutane	1120-56-5	6.90685	1100.5199	231.151	-44.84	64.29	1,2
1749	C5H8	bicyclo(2.1.0)pentane	185-94-4	6.86049	1090.6410	228.553	-42.45	67.93	1,2
1750	C5H8	vinylcyclopropane	693-86-7	6.18195	1071.8987	273.150	-66.30	84.14	3
1751	C5H8Br2	cis-1,2-dibromocyclopentane	10230-26-9	6.96651	1704.7190	220.945	64.77	229.48	3
1752	C5H8Br4	1,3-dibromo-2,2-bis(bromomethyl)propane	3229-00-3	7.62046	2256.9498	171.135	163.00	337.35	1,2
1753	C5H8ClFO2	methyl 4-fluoro-3-chlorobutanoate	900000-60-4	9.46330	2845.4000	273.150	63.05	179.83	3
1754	C5H8Cl2	3-chloro-2-(chloromethyl)-1-butene	69295-21-2	7.92668	1810.2475	212.974	48.37	168.55	3
1755	C5H8Cl2	1,3-dichloro-2-methyl-2-butene	25148-87-2	7.67925	1728.1518	214.364	44.37	169.89	3
1756	C5H8Cl2	1,4-dichloro-2-methyl-2-butene	29843-58-1	7.84441	1784.8746	213.808	46.97	169.00	3
1757	C5H8Cl2	3,3-dichloro-2-methyl-1-butene	42101-38-2	7.84441	1784.8746	213.808	46.97	169.00	3
1758	C5H8Cl2	2,5-dichloro-2-pentene	20177-02-0	7.72716	1744.0596	214.086	45.17	169.62	3
1759	C5H8Cl4	2,2-bis(chloromethyl)-1,3-dichloropropane	3228-99-7	7.37315	1835.6896	197.170	90.86	240.81	2
1760	C5H8Cl4	1,1,1,5-tetrachloropentane	2467-10-9	7.37315	1835.6896	197.170	90.86	240.81	2

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mmHg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
1761	C5H8F2O3	2-fluoroethanol, carbonate(2:1)	406-15-5	9.91210	3214.0000	273.150	87.48	204.40	3
1762	C5H8Ge	2,4-cyclopentadien-1-ylgermane	35682-28-1	7.18149	1853.2000	273.150	-1.24	126.79	3
1763	C5H8I4	2,2-bis(iodomethyl)-1,3-diiodopropane	1522-88-9	6.90412	2280.4299	143.794	242.45	468.85	3
1764	C5H8N4O12	pentaerythritol tetranitrate	78-11-5	4.92537	1245.2698	153.477	140.50	560.75	3
1765	C5H8O	cyclopentanone	120-92-3	7.56585	1727.8581	238.153	25.00	155.97	1,2
1766	C5H8O	methyl isopropenyl ketone	814-78-8	7.12747	1390.6121	229.460	-2.51	122.98	1,2
1767	C5H8O	allyl vinyl ether	3917-15-5	8.46165	1841.3328	263.939	-17.17	84.81	1,2
1768	C5H8O	3,4-dihydro-2H-pyran	110-87-2	7.37574	1573.3560	264.030	-22.00	111.12	1,2
1769	C5H8O	2-pentenal	764-39-6	7.35229	1544.6383	221.592	21.57	148.78	1,2
1770	C5H8O	trans-2-pentenal	1576-87-0	8.40014	1799.4353	221.592	21.57	123.24	2
1771	C5H8O	3-pentenal	5604-55-7	7.08837	1401.0095	228.542	1.57	130.09	2
1772	C5H8O	4-pentenal	2100-17-6	7.08837	1401.0095	228.542	1.57	130.09	2
1773	C5H8O	2-methyl-2-butenal	1115-11-3	8.00176	1678.8075	223.399	16.37	124.91	2
1774	C5H8O	trans-2-methyl-2-butenal	497-03-0	7.33783	1519.6181	223.399	16.37	142.25	1,2
1775	C5H8O	3-methyl-2-butenal	107-86-8	7.35211	1577.7511	218.812	29.57	159.52	1,2
1776	C5H8O	2-methyl-3-butenal	---	8.00176	1678.8075	223.399	16.37	124.91	2
1777	C5H8O	3-methyl-3-butenal	---	8.00176	1678.8075	223.399	16.37	124.91	2
1778	C5H8O	2,2-dimethyl-2-propenal	---	7.47309	1518.2584	226.179	8.37	127.62	2
1779	C5H8O	2-ethylacrolein	922-63-4	7.31434	1431.5831	230.349	-3.63	116.07	1,2
1780	C5H8O	2-pentyn-1-ol	6261-22-9	8.03206	1781.8398	221.472	32	146	3
1781	C5H8O	3-pentyn-1-ol	10229-10-4	8.01688	1891.2394	212.877	57	178	1,2
1782	C5H8O	4-pentyn-1-ol	5390-04-5	8.01758	1885.9313	213.294	55	177	1,2
1783	C5H8O	3-pentyn-2-ol	---	8.03206	1781.8398	221.472	32	146	3
1784	C5H8O	4-pentyn-2-ol	---	8.03206	1781.8398	221.472	32	146	3
1785	C5H8O	(±)-4-pentyn-2-ol	2117-11-5	8.03096	1789.3330	220.883	34	148	1,2
1786	C5H8O	1-pentyn-3-ol	4187-86-4	8.03237	1779.7804	221.634	31	145	1,2
1787	C5H8O	4-pentyn-3-ol	---	8.03206	1781.8398	221.472	32	146	3
1788	C5H8O	2-methyl-3-buten-2-ol	115-19-5	8.04335	1709.0264	227.194	15	124	1,2
1789	C5H8O	1,4-pentadien-3-ol	922-65-6	7.80898	1673.1388	223.955	21.77	137.64	1,2
1790	C5H8O	trans-3-penten-2-one	3102-33-8	7.81857	1637.2642	222.148	17.97	130.96	2
1791	C5H8O	1-penten-3-one	1629-58-9	6.94002	1367.3953	227.430	2.77	136.41	2
1792	C5H8O	3-penten-2-one	625-33-2	7.22050	1495.2797	222.009	18.37	148.23	1,2
1793	C5H8OS	tetrahydrothiopyran-4-one	1072-72-6	8.35854	2522.0124	273.150	69.58	214.04	3
1794	C5H8O2	2-pentenoic acid	626-98-2	7.93904	1997.2945	200.464	87.37	219.38	2
1795	C5H8O2	cis-2-pentenoic acid	16666-42-5	6.64630	1339.8987	161.440	75.87	225.32	2
1796	C5H8O2	trans-2-pentenoic acid	13991-37-2	7.18044	1511.7401	157.202	87.40	220.87	2
1797	C5H8O2	3-pentenoic acid	5204-64-8	7.62652	1883.1256	202.410	81.77	221.27	2
1798	C5H8O2	cis-3-pentenoic acid	33698-87-2	7.62652	1883.1256	202.410	81.77	221.27	2
1799	C5H8O2	trans-3-pentenoic acid	1617-32-9	6.91753	1427.2864	159.180	82.02	222.89	2
1800	C5H8O2	4-pentenoic acid	591-80-0	6.80081	1373.5723	156.005	80.78	223.54	2
1801	C5H8O2	cis-2-methyl-2-butenic acid	565-63-9	6.39046	1139.9656	130.413	81.07	224.87	2
1802	C5H8O2	trans-2-methyl-2-butenic acid	80-59-1	6.65624	1198.6586	118.940	65.00	226.06	1,2
1803	C5H8O2	3-methyl-2-butenic acid	541-47-9	6.74328	1253.9111	130.090	70.00	221.99	1,2
1804	C5H8O2	2-methyl-3-butenic acid	53774-20-2	7.01184	1657.7649	206.900	68.85	225.94	2
1805	C5H8O2	3-methyl-3-butenic acid	1617-31-8	7.01184	1657.7649	206.900	68.85	225.94	2
1806	C5H8O2	2-methylenebutanoic acid	3586-58-1	6.34390	1166.0361	142.308	75.89	226.45	2
1807	C5H8O2	acetylacetone	123-54-6	6.85511	1313.8808	192.744	31.65	164.94	1,2
1808	C5H8O2	allyl acetate	591-87-7	7.47795	1614.4751	247.641	1.58	128.16	1,2
1809	C5H8O2	isopropenyl acetate	108-22-5	7.57022	1519.0494	229.932	1.27	116.22	1,2
1810	C5H8O2	vinyl propanoate	105-38-4	6.52510	975.1573	170.035	6.46	121.64	2
1811	C5H8O2	methyl cis-2-butenate	4358-59-2	8.82802	1907.9250	223.260	20.47	114.65	2
1812	C5H8O2	methyl trans-2-butenate	623-43-8	7.67762	1637.9949	222.426	22.87	141.91	1,2
1813	C5H8O2	ethyl acrylate	140-88-5	7.24659	1425.3599	226.634	1.55	124.03	1,2
1814	C5H8O2	methyl methacrylate	80-62-6	6.95711	1253.9692	207.274	3.23	124.88	1,2
1815	C5H8O2	methyl 3-butenate	3724-55-8	8.40744	1782.2164	224.928	15.67	116.13	2
1816	C5H8O2	2,3-pentanedione	600-14-6	7.19871	1455.5209	226.040	8.77	136.31	1,2
1817	C5H8O2	tetrahydro-2H-pyran-2-one	542-28-9	16.50101	4690.3420	216.816	85.77	135.33	3
1818	C5H8O3	2-hydroxyethyl acrylate	818-61-1	13.52707	4075.3747	225.655	99.67	168.28	3
1819	C5H8O3	methyl acetoacetate	105-45-3	7.62856	1839.8336	218.017	59.54	195.73	1,2
1820	C5H8O4	glutaric acid	110-94-1	8.99394	2759.2964	148.479	196.70	326.27	1,2
1821	C5H8O4	dimethyl malonate	108-59-8	8.23715	2256.0591	239.745	71.99	206.53	1,2
1822	C5H8O4	ethylpropanedioic acid	601-75-2	5.34950	1237.7163	208.596	75.97	362.40	3
1823	C5H9Br	1-bromo-1-pentene	60468-23-7	7.59195	1589.0045	222.982	18.07	137.33	2
1824	C5H9Br	cis-1-bromo-1-pentene	31849-75-9	6.90308	1182.7806	179.754	20.61	138.09	2
1825	C5H9Br	trans-1-bromo-1-pentene	31849-76-0	6.75642	1153.3956	179.754	20.61	142.91	1,2
1826	C5H9Br	2-bromo-1-pentene	31844-95-8	6.59168	1097.3029	181.395	14.84	140.41	2
1827	C5H9Br	3-bromo-1-pentene	53045-71-9	6.66032	1114.7810	180.649	16.30	139.83	2
1828	C5H9Br	4-bromo-1-pentene	31950-56-8	6.81265	1147.5514	180.361	17.06	135.70	1,2
1829	C5H9Br	5-bromo-1-pentene	1119-51-3	6.94588	1231.7619	176.462	30.70	150.78	1,2
1830	C5H9Br	1-bromo-2-pentene	20599-27-3	7.60593	1624.4071	221.731	24.17	145.44	1,2
1831	C5H9Br	1-bromo-cis-2-pentene	7348-78-9	7.26671	1279.6624	177.463	26.74	135.81	2
1832	C5H9Br	1-bromo-trans-2-pentene	7348-71-2	7.26671	1279.6624	177.463	26.74	135.81	2
1833	C5H9Br	2-bromo-2-pentene	80204-19-9	7.33162	1512.3343	225.484	13.37	138.95	2
1834	C5H9Br	2-bromo-cis-2-pentene	54653-29-1	6.73077	1132.3662	179.820	17.77	139.25	2
1835	C5H9Br	2-bromo-trans-2-pentene	54653-30-4	6.73077	1132.3662	179.820	17.77	139.25	2
1836	C5H9Br	3-bromo-2-pentene	21964-23-8	7.61512	1600.7691	223.816	18.17	137.26	2
1837	C5H9Br	3-bromo-cis-2-pentene	23068-94-2	6.65250	1111.5222	180.397	16.25	139.87	2
1838	C5H9Br	3-bromo-trans-2-pentene	54653-28-0	6.65250	1111.5222	180.397	16.25	139.87	2
1839	C5H9Br	4-bromo-2-pentene	1809-26-3	7.71602	1632.1968	223.260	19.77	136.72	2
1840	C5H9Br	4-bromo-cis-2-pentene	56535-63-8	6.90792	1178.5333	178.345	21.14	137.95	2

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mmHg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
1841	C5H9Br	4-bromo-trans-2-pentene	23068-95-3	6.90792	1178.5333	178.345	21.14	137.95	2
1842	C5H9Br	5-bromo-2-pentene	51952-42-2	7.64003	1608.5297	223.677	18.57	137.13	2
1843	C5H9Br	5-bromo-cis-2-pentene	50273-84-2	7.36571	1305.9781	176.890	28.27	135.26	2
1844	C5H9Br	5-bromo-trans-2-pentene	7515-62-0	7.36571	1305.9781	176.890	28.27	135.26	2
1845	C5H9Br	cis-1-bromo-2-methyl-1-butene	36668-55-0	6.93772	1187.3864	178.378	21.60	137.76	2
1846	C5H9Br	trans-1-bromo-2-methyl-1-butene	54265-17-7	6.93772	1187.3864	178.378	21.60	137.76	2
1847	C5H9Br	3-bromo-2-methyl-1-butene	51872-48-1	7.66515	1616.3540	223.538	18.97	136.99	2
1848	C5H9Br	4-bromo-2-methyl-1-butene	20038-12-4	7.66515	1616.3540	223.538	18.97	136.99	2
1849	C5H9Br	cis-1-bromo-3-methyl-1-butene	16416-44-7	6.64490	1108.6287	180.223	16.17	139.91	2
1850	C5H9Br	trans-1-bromo-3-methyl-1-butene	16416-41-4	6.64490	1108.6287	180.223	16.17	139.91	2
1851	C5H9Br	2-bromo-3-methyl-1-butene	31844-96-9	6.29497	1013.1793	182.453	8.89	143.00	2
1852	C5H9Br	3-bromo-3-methyl-1-butene	865-58-7	6.95355	1394.0622	227.986	6.17	141.62	2
1853	C5H9Br	4-bromo-3-methyl-1-butene	31950-55-7	6.95355	1394.0622	227.986	6.17	141.62	2
1854	C5H9Br	1-bromo-2-methyl-cis-2-butene	57253-29-9	7.25787	1272.2537	176.359	26.95	135.77	2
1855	C5H9Br	1-bromo-2-methyl-trans-2-butene	57253-30-2	7.25787	1272.2537	176.359	26.95	135.77	2
1856	C5H9Br	1-bromo-3-methyl-2-butene	870-63-3	7.71602	1632.1968	223.260	19.77	136.72	2
1857	C5H9Br	2-bromo-3-methyl-2-butene	3017-70-7	6.75356	1145.4077	177.261	21.82	143.43	1,2
1858	C5H9Br	3-bromo-2-ethyl-1-propene	---	7.71602	1632.1968	223.260	19.77	136.72	2
1859	C5H9Br3	1,1,1-tribromopentane	16644-66-9	7.31881	1889.2882	192.124	106.87	264.56	2
1860	C5H9Cl	1-chloro-1-pentene	21450-13-5	6.91969	1349.2637	230.238	-2.31	130.74	2
1861	C5H9Cl	cis-1-chloro-1-pentene	66213-69-2	6.75065	1297.5275	231.461	-5.83	132.11	2
1862	C5H9Cl	trans-1-chloro-1-pentene	66213-70-5	6.75065	1297.5275	231.461	-5.83	132.11	2
1863	C5H9Cl	2-chloro-1-pentene	42131-85-1	6.73213	1291.8517	231.600	-6.23	132.27	2
1864	C5H9Cl	3-chloro-1-pentene	24356-00-1	6.92366	1350.4783	230.210	-2.23	130.70	2
1865	C5H9Cl	4-chloro-1-pentene	10524-08-0	7.08761	1400.5671	229.098	0.97	129.49	2
1866	C5H9Cl	5-chloro-1-pentene	928-50-7	7.30760	1470.9349	227.430	5.77	129.09	1,2
1867	C5H9Cl	1-chloro-2-pentene	10071-60-0	7.59600	1555.4053	226.040	9.77	126.33	2
1868	C5H9Cl	1-chloro-cis-2-pentene	6261-19-4	7.64698	1570.8954	225.762	10.57	126.05	2
1869	C5H9Cl	1-chloro-trans-2-pentene	6261-25-2	7.69883	1586.6476	225.484	11.37	125.78	2
1870	C5H9Cl	2-chloro-2-pentene	67747-70-0	7.04568	1387.7629	229.376	0.17	129.79	2
1871	C5H9Cl	2-chloro-cis-2-pentene	42131-98-6	6.88421	1338.4121	230.488	-3.03	131.01	2
1872	C5H9Cl	2-chloro-trans-2-pentene	42132-00-3	6.88421	1338.4121	230.488	-3.03	131.01	2
1873	C5H9Cl	3-chloro-2-pentene	34238-52-3	6.84534	1326.5201	230.766	-3.83	131.32	2
1874	C5H9Cl	3-chloro-cis-2-pentene	26423-60-9	6.80705	1314.7985	231.044	-4.63	131.64	2
1875	C5H9Cl	3-chloro-trans-2-pentene	26423-61-0	6.80705	1314.7985	231.044	-4.63	131.64	2
1876	C5H9Cl	4-chloro-2-pentene	1458-99-7	7.35361	1481.6627	227.430	5.77	127.73	2
1877	C5H9Cl	4-chloro-cis-2-pentene	26423-63-2	7.08761	1400.5671	229.098	0.97	129.49	2
1878	C5H9Cl	4-chloro-trans-2-pentene	18610-33-8	7.08761	1400.5671	229.098	0.97	129.49	2
1879	C5H9Cl	5-chloro-2-pentene	16435-50-0	7.59600	1555.4053	226.040	9.77	126.33	2
1880	C5H9Cl	5-chloro-cis-2-pentene	53543-44-5	7.59600	1555.4053	226.040	9.77	126.33	2
1881	C5H9Cl	5-chloro-trans-2-pentene	10524-07-9	7.59600	1555.4053	226.040	9.77	126.33	2
1882	C5H9Cl	cis-1-chloro-2-methyl-1-butene	7611-88-3	6.80705	1314.7985	231.044	-4.63	131.64	2
1883	C5H9Cl	trans-1-chloro-2-methyl-1-butene	7611-89-4	6.80705	1314.7985	231.044	-4.63	131.64	2
1884	C5H9Cl	1-chloro-3-methyl-1-butene	23010-00-6	6.69548	1280.6193	231.878	-7.03	132.59	2
1885	C5H9Cl	cis-1-chloro-3-methyl-1-butene	66213-67-0	6.92366	1350.4783	230.210	-2.23	130.70	2
1886	C5H9Cl	trans-1-chloro-3-methyl-1-butene	66213-68-1	6.92366	1350.4783	230.210	-2.23	130.70	2
1887	C5H9Cl	3-chloro-2-methyl-1-butene	5166-35-8	6.95566	1360.2594	229.988	-1.59	130.46	2
1888	C5H9Cl	4-chloro-2-methyl-1-butene	10523-96-3	7.30748	1467.6137	227.708	4.97	128.02	2
1889	C5H9Cl	2-chloro-3-methyl-1-butene	17773-64-7	6.80705	1314.7985	231.044	-4.63	131.64	2
1890	C5H9Cl	3-chloro-3-methyl-1-butene	2190-48-9	6.45304	1206.1820	233.824	-12.63	134.90	2
1891	C5H9Cl	4-chloro-3-methyl-1-butene	10524-01-3	6.88421	1338.4121	230.488	-3.03	131.01	2
1892	C5H9Cl	1-chloro-2-methyl-cis-2-butene	23009-74-7	7.59600	1555.4053	226.040	9.77	126.33	2
1893	C5H9Cl	1-chloro-2-methyl-trans-2-butene	23009-73-6	7.44815	1510.4428	226.874	7.37	127.17	2
1894	C5H9Cl	1-chloro-3-methyl-2-butene	503-60-6	7.44141	1525.6750	225.484	11.37	132.69	1,2
1895	C5H9Cl	2-chloro-3-methyl-2-butene	17773-65-8	6.96372	1362.7228	229.932	-1.43	130.40	2
1896	C5H9Cl	3-chloro-2-ethyl-1-propene	5166-35-8	6.80705	1314.7985	231.044	-4.63	131.64	2
1897	C5H9Cl	1-chloro-2-methyl-1-butene	23378-11-2	7.06656	1394.1408	229.237	0.57	129.64	2
1898	C5H9Cl	1-chloro-2-methyl-2-butene	13417-43-1	7.69883	1586.6476	225.484	11.37	125.78	2
1899	C5H9Cl	chlorocyclopentane	930-28-9	9.44959	1852.0649	198.119	21.07	97.37	3
1900	C5H9ClO	pentanoyl chloride	638-29-9	8.11804	2145.3333	260.590	33.85	174.02	3
1901	C5H9ClO2	ethyl 2-chloropropanoate	535-13-7	6.87379	1737.7765	254.092	1.40	216.60	3
1902	C5H9ClO2	isopropyl chloroacetate	105-48-6	7.36512	2117.1990	291.019	-2.00	215.09	3
1903	C5H9ClS	allyl 2-chloroethylsulfide	19155-35-2	8.88346	2619.9000	273.150	59.18	186.35	3
1904	C5H9Cl3	1,1,1-trichloropentane	3922-27-8	6.77750	1507.2809	212.418	18.00	206.78	2
1905	C5H9Cl3	1,2,3-trichloro-2-methylbutane	62521-69-1	7.83840	1880.4379	204.912	70.07	198.91	2
1906	C5H9Cl3	2,2,3-trichloro-3-methylbutane	98070-91-8	7.76806	1855.7982	205.329	68.87	199.32	2
1907	C5H9Cl3	1,3-dichloro-2-(chloromethyl)-2-methylpropane	1067-09-0	7.56507	1789.1336	207.553	64.97	200.62	2
1908	C5H9Cl3O	3-chloro-2,2-bis(chloromethyl)-1-propanol	813-99-0	5.23151	757.6514	47.920	130.85	321.73	3
1909	C5H9F	1-fluoro-1-pentene	---	7.49981	1396.1488	238.828	-24.03	84.51	2
1910	C5H9F	cis-1-fluoro-1-pentene	66213-83-0	7.49981	1396.1488	238.828	-24.03	84.51	2
1911	C5H9F	trans-1-fluoro-1-pentene	66213-84-1	7.49981	1396.1488	238.828	-24.03	84.51	2
1912	C5H9F	2-fluoro-1-pentene	66213-89-6	7.49981	1396.1488	238.828	-24.03	84.51	2
1913	C5H9F	3-fluoro-1-pentene	66702-88-3	7.49981	1396.1488	238.828	-24.03	84.51	2
1914	C5H9F	4-fluoro-1-pentene	66702-91-8	7.49981	1396.1488	238.828	-24.03	84.51	2
1915	C5H9F	5-fluoro-1-pentene	407-79-4	7.53718	1407.4446	238.828	-23.53	84.33	2
1916	C5H9F	1-fluoro-cis-2-pentene	66213-85-2	7.49981	1396.1488	238.828	-24.03	84.51	2
1917	C5H9F	1-fluoro-trans-2-pentene	66213-86-3	7.49981	1396.1488	238.828	-24.03	84.51	2
1918	C5H9F	2-fluoro-cis-2-pentene	66213-87-4	7.49981	1396.1488	238.828	-24.03	84.51	2
1919	C5H9F	2-fluoro-trans-2-pentene	66213-88-5	7.49981	1396.1488	238.828	-24.03	84.51	2
1920	C5H9F	3-fluoro-cis-2-pentene	66213-90-9	7.49981	1396.1488	238.828	-24.03	84.51	2

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mmHg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
1921	C5H9F	3-fluoro-trans-2-pentene	66702-87-2	7.49981	1396.1488	238.828	-24.03	84.51	2
1922	C5H9F	4-fluoro-cis-2-pentene	66702-89-4	7.49981	1396.1488	238.828	-24.03	84.51	2
1923	C5H9F	4-fluoro-trans-2-pentene	66702-90-7	7.49981	1396.1488	238.828	-24.03	84.51	2
1924	C5H9F	5-fluoro-cis-2-pentene	66702-92-9	7.49981	1396.1488	238.828	-24.03	84.51	2
1925	C5H9F	5-fluoro-trans-2-pentene	66702-93-0	7.49981	1396.1488	238.828	-24.03	84.51	2
1926	C5H9F	cis-1-fluoro-2-methyl-1-butene	66213-72-7	7.24414	1324.9333	240.218	-28.03	85.94	2
1927	C5H9F	trans-1-fluoro-2-methyl-1-butene	66213-74-9	7.24414	1324.9333	240.218	-28.03	85.94	2
1928	C5H9F	3-fluoro-2-methyl-1-butene	53731-24-1	7.24414	1324.9333	240.218	-28.03	85.94	2
1929	C5H9F	4-fluoro-2-methyl-1-butene	66213-81-8	7.24414	1324.9333	240.218	-28.03	85.94	2
1930	C5H9F	cis-1-fluoro-3-methyl-1-butene	66213-73-8	7.24414	1324.9333	240.218	-28.03	85.94	2
1931	C5H9F	trans-1-fluoro-3-methyl-1-butene	66213-75-0	7.24414	1324.9333	240.218	-28.03	85.94	2
1932	C5H9F	2-fluoro-3-methyl-1-butene	66213-78-3	7.24414	1324.9333	240.218	-28.03	85.94	2
1933	C5H9F	3-fluoro-3-methyl-1-butene	66213-80-7	7.24414	1324.9333	240.218	-28.03	85.94	2
1934	C5H9F	4-fluoro-3-methyl-1-butene	66213-82-9	7.24414	1324.9333	240.218	-28.03	85.94	2
1935	C5H9F	1-fluoro-2-methyl-cis-2-butene	66213-76-1	7.24414	1324.9333	240.218	-28.03	85.94	2
1936	C5H9F	1-fluoro-2-methyl-trans-2-butene	66213-77-2	7.24414	1324.9333	240.218	-28.03	85.94	2
1937	C5H9F	1-fluoro-3-methyl-2-butene	23425-81-2	7.24414	1324.9333	240.218	-28.03	85.94	2
1938	C5H9F	2-fluoro-3-methyl-2-butene	66213-79-4	7.24414	1324.9333	240.218	-28.03	85.94	2
1939	C5H9F	3-fluoro-2-ethyl-1-propene	---	7.24414	1324.9333	240.218	-28.03	85.94	2
1940	C5H9FOS	4-fluorothiobutyric acid,O-methyl ester	63732-24-1	9.23310	2735.0000	273.150	59.05	178.82	3
1941	C5H9FO2	fluoroacetic acid, 1-methylethyl ester	406-06-4	8.75010	2316.0000	273.160	-0.15	142.77	3
1942	C5H9FO2	methyl 4-fluorobutanoate	900000-61-5	9.07650	2471.7000	273.150	-0.15	146.16	3
1943	C5H9FO3	methyl 3-fluoro-2-hydroxybutanoate	900000-62-6	10.10360	3252.1000	273.150	84.08	196.69	3
1944	C5H9F3	1,1,1-trifluoropentane	406-82-6	6.22117	1012.2112	232.550	-38.68	100.49	3
1945	C5H9I	1-iodo-1-pentene	---	8.68408	2007.1760	214.642	46.57	150.15	2
1946	C5H9I	cis-1-iodo-1-pentene	66703-02-4	8.68408	2007.1760	214.642	46.57	150.15	2
1947	C5H9I	trans-1-iodo-1-pentene	66703-03-5	8.68408	2007.1760	214.642	46.57	150.15	2
1948	C5H9I	2-iodo-1-pentene	66688-59-3	7.63068	1667.4639	219.827	31.65	154.98	2
1949	C5H9I	3-iodo-1-pentene	66688-61-7	7.61535	1662.5045	219.916	31.39	155.07	2
1950	C5H9I	4-iodo-1-pentene	59967-14-5	7.61535	1662.5045	219.916	31.39	155.07	2
1951	C5H9I	5-iodo-1-pentene	7766-48-5	8.75115	2028.7418	214.364	47.37	149.91	2
1952	C5H9I	1-iodo-cis-2-pentene	66703-04-6	8.01936	1793.0553	217.714	37.73	152.94	2
1953	C5H9I	1-iodo-trans-2-pentene	66688-56-0	8.01936	1793.0553	217.714	37.73	152.94	2
1954	C5H9I	2-iodo-cis-2-pentene	66688-57-1	8.01283	1790.9481	217.748	37.63	152.97	2
1955	C5H9I	2-iodo-trans-2-pentene	66688-58-2	8.01283	1790.9481	217.748	37.63	152.97	2
1956	C5H9I	3-iodo-cis-2-pentene	35895-39-7	8.01283	1790.9481	217.748	37.63	152.97	2
1957	C5H9I	3-iodo-trans-2-pentene	66688-60-6	8.01283	1790.9481	217.748	37.63	152.97	2
1958	C5H9I	4-iodo-cis-2-pentene	66688-62-8	7.99549	1785.3496	217.837	37.38	153.06	2
1959	C5H9I	4-iodo-trans-2-pentene	66688-63-9	7.99549	1785.3496	217.837	37.38	153.06	2
1960	C5H9I	5-iodo-cis-2-pentene	66688-64-0	8.01936	1793.0553	217.714	37.73	152.94	2
1961	C5H9I	5-iodo-trans-2-pentene	56399-98-5	8.01936	1793.0553	217.714	37.73	152.94	2
1962	C5H9I	cis-1-iodo-2-methyl-1-butene	52812-57-4	8.01283	1790.9481	217.748	37.63	152.97	2
1963	C5H9I	trans-1-iodo-2-methyl-1-butene	66702-95-2	8.01283	1790.9481	217.748	37.63	152.97	2
1964	C5H9I	3-iodo-2-methyl-1-butene	66703-00-2	7.96001	1773.8968	218.020	36.85	153.23	2
1965	C5H9I	4-iodo-2-methyl-1-butene	53750-52-0	7.96001	1773.8968	218.020	36.85	153.23	2
1966	C5H9I	cis-1-iodo-3-methyl-1-butene	64245-25-6	7.99549	1785.3496	217.837	37.38	153.06	2
1967	C5H9I	trans-1-iodo-3-methyl-1-butene	66702-96-3	7.99549	1785.3496	217.837	37.38	153.06	2
1968	C5H9I	2-iodo-3-methyl-1-butene	32442-47-0	7.60963	1660.6512	219.949	31.30	155.10	2
1969	C5H9I	3-iodo-3-methyl-1-butene	59128-91-5	7.48498	1620.2958	220.692	29.16	155.85	2
1970	C5H9I	4-iodo-3-methyl-1-butene	66703-01-3	7.61535	1662.5045	219.916	31.39	155.07	2
1971	C5H9I	1-iodo-2-methyl-cis-2-butene	66702-97-4	8.01283	1790.9481	217.748	37.63	152.97	2
1972	C5H9I	1-iodo-2-methyl-trans-2-butene	66702-98-5	8.01283	1790.9481	217.748	37.63	152.97	2
1973	C5H9I	1-iodo-3-methyl-2-butene	41004-19-7	8.01283	1790.9481	217.748	37.63	152.97	2
1974	C5H9I	2-iodo-3-methyl-2-butene	66702-99-6	8.00632	1788.8452	217.781	37.54	153.00	2
1975	C5H9I	3-iodo-2-ethyl-1-propene	---	7.63068	1667.4639	219.827	31.65	154.98	2
1976	C5H9I3	1,1,1-triiodopentane	---	14.07742	4757.8883	167.983	195.84	268.70	2
1977	C5H9N	valeronitrile	110-59-8	7.37892	1670.1299	230.446	31.37	167.48	1,2
1978	C5H9N	2-methylbutanenitrile	18936-17-9	6.91451	1228.0450	179.596	28.04	149.40	1,2
1979	C5H9N	3-methylbutanenitrile	625-28-5	7.00066	1260.7646	178.172	31.93	151.97	1,2
1980	C5H9N	2,2-dimethylpropanenitrile	630-18-2	7.68628	1604.2275	236.984	2.94	119.16	1,2
1981	C5H9N	butyl isocyanide	2769-64-4	7.90305	1701.0728	221.453	24.97	138.85	2
1982	C5H9N	isobutyl isocyanide	590-94-3	7.20522	1482.1441	225.484	13.37	142.90	2
1983	C5H9N	sec-butyl isocyanide	14069-89-7	7.28546	1507.3784	224.970	14.85	142.36	2
1984	C5H9N	tert-butyl isocyanide	7188-38-7	7.50214	1490.2731	230.627	-1.43	114.32	1,2
1985	C5H9N	(S)-(+)-2-methylbutyronitrile	25570-03-0	7.49615	1561.9685	221.175	19.27	140.87	2
1986	C5H9NO	butyl isocyanate	111-36-4	7.76448	1655.2920	224.094	20.61	137.11	1,2
1987	C5H9NO	N-methyl-2-pyrrolidone	872-50-4	6.84089	1366.9847	143.142	90.90	230.45	1,2
1988	C5H9NO	isobutyl isocyanate	1873-29-6	5.36278	874.1980	226.596	-26.22	174.24	2
1989	C5H9NO	2-isocyanato-2-methylpropane	1609-86-5	13.28504	3475.6394	208.436	74.48	135.58	2
1990	C5H9NO4	L-glutamic acid	56-86-0	16.95387	5512.4409	124.488	221.04	275.78	3
1991	C5H10	1,1-dimethylcyclopropane	1630-94-0	7.04464	1070.2301	235.180	-58.13	41.88	1,2
1992	C5H10	1,cis-2-dimethylcyclopropane	930-18-7	7.55084	1315.1724	245.770	-45.01	55.25	1,2
1993	C5H10	1,trans-2-dimethylcyclopropane	2402-06-4	7.46894	1268.9463	248.222	-52.06	47.77	1,2
1994	C5H10	ethylcyclopropane	1191-96-4	7.48172	1297.5736	246.076	-45.89	55.69	1,2
1995	C5H10	methylcyclobutane	598-61-8	6.84167	1134.7504	247.641	-53.39	62.41	1,2
1996	C5H10	cyclopentane	287-92-3	7.04267	1202.5299	239.690	-40.68	71.78	1,2
1997	C5H10	1-pentene	109-67-1	6.98455	1124.3670	243.136	-55.26	52.54	1,2
1998	C5H10	2-pentene	109-68-2	7.13555	1205.3120	246.737	-50.29	58.12	1,2
1999	C5H10	cis-2-pentene	627-20-3	7.06387	1162.8369	241.338	-49.57	58.21	1,2
2000	C5H10	trans-2-pentene	646-04-8	7.05615	1162.3526	242.135	-50.21	57.88	1,2

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mmHg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
2001	C5H10	2-methyl-1-butene	563-46-2	6.99023	1118.3135	240.980	-54.29	52.67	1,2
2002	C5H10	3-methyl-1-butene	563-45-1	7.04920	1117.7125	248.080	-63.31	40.93	1,2
2003	C5H10	2-methyl-2-butene	513-35-9	7.09800	1184.9676	242.425	-48.10	60.16	1,2
2004	C5H10Br2	1,1-dibromopentane	13320-56-4	7.21045	1710.3224	206.024	69.37	218.52	2
2005	C5H10Br2	1,2-dibromopentane	3234-49-9	7.97795	1936.2569	204.912	72.57	198.80	1,2
2006	C5H10Br2	1,3-dibromopentane	42474-20-4	7.60867	1854.4887	203.244	77.37	215.68	2
2007	C5H10Br2	1,4-dibromopentane	626-87-9	8.06838	2020.3864	200.464	85.37	213.00	2
2008	C5H10Br2	1,5-dibromopentane	111-24-0	7.57693	1956.4704	194.265	103.21	250.88	1,2
2009	C5H10Br2	2,2-dibromopentane	54653-26-8	6.86215	1583.8010	208.804	61.37	221.54	2
2010	C5H10Br2	2,3-dibromopentane	5398-25-4	7.15526	1690.3049	206.441	68.17	218.96	2
2011	C5H10Br2	2,4-dibromopentane	19398-53-9	7.28578	1737.6292	205.468	70.97	217.94	2
2012	C5H10Br2	3,3-dibromopentane	54653-27-9	6.76601	1548.7985	209.638	58.97	222.48	2
2013	C5H10Br2	1,1-dibromo-2-methylbutane	62127-58-6	6.96196	1620.1059	207.970	63.77	220.62	2
2014	C5H10Br2	1,2-dibromo-2-methylbutane	10428-64-5	6.96196	1620.1059	207.970	63.77	220.62	2
2015	C5H10Br2	1,3-dibromo-2-methylbutane	49623-50-9	6.96196	1620.1059	207.970	63.77	220.62	2
2016	C5H10Br2	1,4-dibromo-2-methylbutane	69498-28-8	6.96196	1620.1059	207.970	63.77	220.62	2
2017	C5H10Br2	1,1-dibromo-3-methylbutane	62127-59-7	6.96196	1620.1059	207.970	63.77	220.62	2
2018	C5H10Br2	1,2-dibromo-3-methylbutane	10288-13-8	6.96196	1620.1059	207.970	63.77	220.62	2
2019	C5H10Br2	1,3-dibromo-3-methylbutane	24443-15-0	6.96196	1620.1059	207.970	63.77	220.62	2
2020	C5H10Br2	2,2-dibromo-3-methylbutane	62127-60-0	6.96196	1620.1059	207.970	63.77	220.62	2
2021	C5H10Br2	2,3-dibromo-3-methylbutane	594-51-4	6.89037	1594.0720	208.565	62.06	221.27	2
2022	C5H10Br2	1,1-dibromo-2,2-dimethylpropane	2443-91-6	7.21045	1710.3224	206.024	69.37	218.52	2
2023	C5H10Br2	1,3-dibromo-2,2-dimethylpropane	5434-27-5	7.32421	1751.5552	205.190	71.77	217.65	2
2024	C5H10Br2	1,3-dibromo-2-ethylpropane	---	7.32421	1751.5552	205.190	71.77	217.65	2
2025	C5H10ClF	1-chloro-5-fluoropentane	407-98-7	8.09482	1817.5839	216.255	39.93	153.70	2
2026	C5H10Cl2	1,1-dichloropentane	820-55-3	6.70627	1378.5419	210.772	30.81	180.37	2
2027	C5H10Cl2	1,2-dichloropentane	1674-33-5	7.04963	1518.0381	215.891	35.04	176.59	1,2
2028	C5H10Cl2	1,3-dichloropentane	30122-12-4	6.98161	1313.3809	170.686	48.88	174.96	2
2029	C5H10Cl2	1,4-dichloropentane	626-92-6	6.77039	1286.3647	168.721	54.20	189.74	1,2
2030	C5H10Cl2	1,5-dichloropentane	628-76-2	7.25238	1760.1884	222.595	58.93	209.83	1,2
2031	C5H10Cl2	2,2-dichloropentane	34887-14-4	6.60668	1137.2483	176.680	26.16	155.38	1,2
2032	C5H10Cl2	2,3-dichloropentane	600-11-3	6.68420	1195.1283	174.227	36.03	167.01	1,2
2033	C5H10Cl2	2,4-dichloropentane	625-67-2	7.01201	1292.6348	171.396	43.61	166.09	1,2
2034	C5H10Cl2	3,3-dichloropentane	21571-91-5	6.70541	1170.7195	175.253	29.94	157.00	1,2
2035	C5H10Cl2	1,1-dichloro-2-methylbutane	23010-05-1	6.76740	1436.5749	220.036	29.05	180.62	2
2036	C5H10Cl2	1,1-dichloro-3-methylbutane	625-66-1	6.72423	1177.9606	176.888	28.90	155.65	1,2
2037	C5H10Cl2	1,2-dichloro-2-methylbutane	23010-04-0	7.97824	1379.5374	165.134	32.56	122.49	1,2
2038	C5H10Cl2	1,2-dichloro-3-methylbutane	600-10-2	6.70149	1209.6057	173.095	39.06	170.58	1,2
2039	C5H10Cl2	1,3-dichloro-2-methylbutane	23010-07-3	7.26658	1604.7488	216.310	39.77	176.55	2
2040	C5H10Cl2	1,3-dichloro-3-methylbutane	624-96-4	6.63311	1227.5220	177.550	40.36	178.12	2
2041	C5H10Cl2	1,4-dichloro-2-methylbutane	623-34-7	9.26988	2771.0980	284.136	50.95	171.03	2
2042	C5H10Cl2	2,2-dichloro-3-methylbutane	17773-66-9	8.54714	2033.1329	209.221	60.17	169.72	2
2043	C5H10Cl2	2,3-dichloro-2-methylbutane	507-45-9	5.51135	733.2238	129.146	33.38	185.61	2
2044	C5H10Cl2	1,3-dichloro-2-ethylpropane	---	7.03152	1525.6635	217.978	34.97	178.33	2
2045	C5H10Cl2	1,1-dichloro-2,2-dimethylpropane	29559-54-4	7.22599	1591.1036	216.588	38.97	176.85	2
2046	C5H10Cl2	1,3-dichloro-2,2-dimethylpropane	29559-55-5	6.53363	1171.9885	171.257	40.54	178.40	2
2047	C5H10Cl2	dichloropentane	30586-10-8	6.68641	1406.2162	219.924	27.37	181.33	2
2048	C5H10Cl2O	(2-chloroethyl)(2-chloropropyl)ether	42434-29-7	6.75363	1756.0430	234.920	28.85	256.72	3
2049	C5H10Cl2O	(2-chloroethyl)(2-chloroisopropyl)ether	52250-75-6	6.47331	1623.5854	233.430	23.85	259.84	3
2050	C5H10Cl2O2	bis(2-chloroethoxy)methane	111-91-1	7.37165	2277.1349	261.630	52.85	281.86	3
2051	C5H10Cl2Si	dichloroethyl-propenylsilane	18163-64-9	7.10614	1593.6900	226.860	34.14	179.25	3
2052	C5H10Cl3Ti	(cyclopentadienyl)-titanium chloride	900001-67-4	11.47110	4693.0000	273.150	175.04	293.00	3
2053	C5H10F2	1,1-difluoropentane	62127-40-6	6.41711	1109.1066	226.677	-21.94	116.14	3
2054	C5H10F2	1,2-difluoropentane	62126-94-7	6.32071	963.9839	193.277	-12.10	113.83	3
2055	C5H10F2	1,3-difluoropentane	62126-95-8	6.50512	1010.5810	191.875	-8.30	112.22	3
2056	C5H10F2	1,4-difluoropentane	62126-96-9	6.74680	1071.4644	190.193	-3.75	110.36	3
2057	C5H10F2	1,5-difluoropentane	373-17-1	7.81228	1343.9349	185.564	11.72	104.68	3
2058	C5H10F2	2,2-difluoropentane	371-65-3	6.67499	970.8269	196.023	-24.95	81.90	1,2
2059	C5H10F2	2,3-difluoropentane	66688-46-8	6.71583	1249.7195	238.912	-20.27	114.72	3
2060	C5H10F2	2,4-difluoropentane	66688-47-9	6.79251	1272.5323	238.356	-18.67	114.08	3
2061	C5H10F2	3,3-difluoropentane	358-03-2	5.77238	817.7653	195.852	-24.50	119.82	3
2062	C5H10F2	1,1-difluoro-2-methylbutane	66688-67-3	6.61587	1219.9491	239.662	-22.43	115.59	3
2063	C5H10F2	1,1-difluoro-3-methylbutane	53731-22-9	6.65243	1230.8414	239.384	-21.63	115.26	3
2064	C5H10F2	1,2-difluoro-2-methylbutane	66688-68-4	6.68953	1241.8902	239.106	-20.83	114.94	3
2065	C5H10F2	1,2-difluoro-3-methylbutane	66688-69-5	6.72719	1253.0992	238.828	-20.03	114.62	3
2066	C5H10F2	1,3-difluoro-2-methylbutane	66688-43-5	6.76541	1264.4720	238.550	-19.23	114.30	3
2067	C5H10F2	1,3-difluoro-3-methylbutane	66688-44-6	6.80422	1276.0122	238.272	-18.43	113.99	3
2068	C5H10F2	1,4-difluoro-2-methylbutane	66688-45-7	6.44082	1167.7212	241.052	-26.43	117.26	3
2069	C5H10F2	2,2-difluoro-3-methylbutane	51891-58-8	6.44082	1167.7212	241.052	-26.43	117.26	3
2070	C5H10F2	2,3-difluoro-2-methylbutane	53731-25-2	6.44082	1167.7212	241.052	-26.43	117.26	3
2071	C5H10F2	1,3-difluoro-2-ethylpropane	---	6.54434	1198.6210	240.218	-24.03	116.25	3
2072	C5H10F2	1,1-difluoro-2,2-dimethylpropane	53731-23-0	6.44082	1167.7212	241.052	-26.43	117.26	3
2073	C5H10F2	1,3-difluoro-2,2-dimethylpropane	66688-66-2	6.44082	1167.7212	241.052	-26.43	117.26	3
2074	C5H10F2O2	bis(2-fluoroethoxy)-methane	373-40-0	9.28840	2730.6000	273.150	56.30	174.01	3
2075	C5H10I2	1,1-diiodopentane	66688-35-5	6.79329	1798.5944	190.012	120.45	308.01	2
2076	C5H10I2	1,2-diiodopentane	998-76-5	6.90591	1845.8889	188.900	123.65	306.77	2
2077	C5H10I2	1,3-diiodopentane	66688-36-6	7.02357	1895.2412	187.788	126.85	305.54	2
2078	C5H10I2	1,4-diiodopentane	55930-45-5	7.14662	1946.7927	186.676	130.05	304.35	2
2079	C5H10I2	1,5-diiodopentane	628-77-3	6.68195	1811.4813	185.564	133.25	331.99	1,2
2080	C5H10I2	2,2-diiodopentane	66688-37-7	6.53181	1688.5367	192.792	112.45	311.25	2

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mmHg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
2081	C5H10I2	2,3-diiodopentane	66688-38-8	6.63314	1731.2305	191.680	115.65	309.94	2
2082	C5H10I2	2,4-diiodopentane	66719-29-7	6.73878	1775.6779	190.568	118.85	308.65	2
2083	C5H10I2	3,3-diiodopentane	66688-39-9	6.53181	1688.5367	192.792	112.45	311.25	2
2084	C5H10I2	1,1-diiodo-2-methylbutane	66688-50-4	6.53181	1688.5367	192.792	112.45	311.25	2
2085	C5H10I2	1,1-diiodo-3-methylbutane	66688-51-5	6.63314	1731.2305	191.680	115.65	309.94	2
2086	C5H10I2	1,2-diiodo-2-methylbutane	66688-52-6	6.73878	1775.6779	190.568	118.85	308.65	2
2087	C5H10I2	1,3-diiodo-2-methylbutane	66688-54-8	6.84899	1821.9928	189.456	122.05	307.39	2
2088	C5H10I2	1,4-diiodo-2-methylbutane	66688-32-2	6.96409	1870.2992	188.344	125.25	306.15	2
2089	C5H10I2	1,2-diiodo-3-methylbutane	66688-53-7	6.29564	1588.8051	195.572	104.45	314.68	2
2090	C5H10I2	1,3-diiodo-3-methylbutane	66688-55-9	6.38731	1627.5565	194.460	107.65	313.29	2
2091	C5H10I2	2,2-diiodo-3-methylbutane	66688-33-3	6.48267	1667.8142	193.348	110.85	311.92	2
2092	C5H10I2	2,3-diiodo-2-methylbutane	66688-34-4	6.29564	1588.8051	195.572	104.45	314.68	2
2093	C5H10I2	1,3-diiodo-2-ethylpropane	---	6.65914	1742.1737	191.402	116.45	309.61	2
2094	C5H10I2	1,1-diiodo-2,2-dimethylpropane	2443-89-2	6.41079	1637.4762	194.182	108.45	312.94	2
2095	C5H10I2	1,3-diiodo-2,2-dimethylpropane	66688-49-1	6.50711	1678.1247	193.070	111.65	311.59	2
2096	C5H10N2	3-(dimethylamino)propanenitrile	1738-25-6	7.93974	2173.0113	256.490	51.10	200.23	1,2
2097	C5H10N2O4	1,5-dinitropentane	6848-84-6	7.78416	2105.5685	190.595	119.77	266.91	3
2098	C5H10O	pentanal	110-62-3	7.28499	1455.1344	227.549	3.98	127.09	1,2
2099	C5H10O	2-methylbutanal	96-17-3	7.24132	1338.0231	215.000	-0.62	114.60	1,2
2100	C5H10O	3-methylbutanal	590-86-3	7.18692	1323.0520	215.000	-1.15	115.34	1,2
2101	C5H10O	2,2-dimethylpropanal	630-19-3	6.98276	1188.9494	215.000	-16.27	97.81	1,2
2102	C5H10O	2-methylbutanal, (±)	57456-98-1	7.90305	1603.0221	230.349	1.87	109.19	2
2103	C5H10O	methyl propyl ketone	107-87-9	7.37448	1553.0135	243.751	-0.12	126.66	1,2
2104	C5H10O	methyl isopropyl ketone	563-80-4	7.06623	1265.9677	208.621	0.07	117.29	1,2
2105	C5H10O	diethyl ketone	96-22-0	7.26675	1462.1872	231.531	1.79	126.42	1,2
2106	C5H10O	2-methyltetrahydrofuran	96-47-9	7.30163	1382.0045	233.763	-14.45	101.69	1,2
2107	C5H10O	3-methyltetrahydrofuran	13423-15-9	12.85007	2956.2393	217.700	31.77	88.07	2
2108	C5H10O	allyl ethyl ether	557-31-3	7.66462	1451.0304	237.272	-19.55	86.42	1,2
2109	C5H10O	isopropyl vinyl ether	926-65-8	6.93539	1254.7733	240.635	-29.23	93.65	2
2110	C5H10O	3-methoxy-2-methyl-1-propene	22418-49-1	7.62283	1439.8592	237.438	-20.03	86.78	1,2
2111	C5H10O	propyl vinyl ether	764-47-6	7.37912	1380.2131	237.994	-21.63	90.84	2
2112	C5H10O	cyclopentanol	96-41-3	8.08940	1828.7535	211.254	46.70	161.39	1,2
2113	C5H10O	2-penten-1-ol	20273-24-9	8.64125	1967.3951	217.700	39.77	142.67	2
2114	C5H10O	cis-2-penten-1-ol	1576-95-0	7.78025	1742.9756	217.700	39.37	161.34	1,2
2115	C5H10O	trans-2-penten-1-ol	1576-96-1	8.70490	1989.1326	217.700	40.46	142.45	2
2116	C5H10O	3-penten-1-ol	---	8.47887	1915.8271	218.395	37.77	143.28	2
2117	C5H10O	4-penten-1-ol	821-09-0	7.78046	1734.2053	218.395	14.19	158.72	1,2
2118	C5H10O	trans-1-methyl-2-buten-1-ol	3899-34-1	7.54489	1617.5851	222.982	14.19	147.76	2
2119	C5H10O	1-methyl-2-buten-1-ol	1569-50-2	7.83214	1695.7117	222.426	14.19	142.22	1,2
2120	C5H10O	1-methyl-2-buten-1-ol, (+,-)	42569-16-4	7.67046	1657.6735	222.260	14.19	147.05	2
2121	C5H10O	2-methyl-2-buten-1-ol	4675-87-0	8.77683	2010.4207	217.144	41.37	142.18	2
2122	C5H10O	3-methyl-2-buten-1-ol	556-82-1	7.78047	1750.1310	217.144	40.97	163.43	1,2
2123	C5H10O	1-methyl-3-buten-1-ol	625-31-0	7.77993	1663.2776	223.955	21.37	137.78	1,2
2124	C5H10O	2-methyl-3-buten-1-ol	4516-90-9	7.77992	1680.9591	222.565	25.37	143.01	1,2
2125	C5H10O	3-methyl-3-buten-1-ol	763-32-6	8.18409	1821.5776	219.646	33.91	144.51	2
2126	C5H10O	1-methyl-4-buten-1-ol	---	8.20484	1828.7059	219.646	34.17	144.42	2
2127	C5H10O	2-methyl-4-buten-1-ol	---	8.20484	1828.7059	219.646	34.17	144.42	2
2128	C5H10O	3-methyl-4-buten-1-ol	---	8.20484	1828.7059	219.646	34.17	144.42	2
2129	C5H10O	2-methyl-3-buten-2-ol	115-18-4	6.71245	1350.7168	228.681	7.77	153.89	2
2130	C5H10O	3-methyl-3-buten-2-ol	10473-14-0	7.22513	1515.3211	224.970	14.19	149.80	2
2131	C5H10O	1-penten-3-ol	616-25-1	7.75411	1653.4293	224.233	14.19	137.39	1,2
2132	C5H10O	3-penten-2-ol	1569-50-2	7.80880	1689.0877	222.704	25.37	142.35	1,2
2133	C5H10O	4-penten-1-ol	821-09-0	7.80819	1744.0229	218.395	37.77	158.58	1,2
2134	C5H10O	tetrahydropyran	142-68-7	6.87013	1226.3139	219.549	-15.00	112.94	1,2
2135	C5H10O	ethyl propenyl ether	928-55-2	7.64399	1454.8624	236.604	-17.63	89.44	2
2136	C5H10OS	methylvinylxyethyl sulfide	6607-53-0	7.14092	1976.3992	273.150	42.85	226.06	3
2137	C5H10O2	pentanoic acid	109-52-4	7.64852	1842.0816	200.516	76.55	211.89	1,2
2138	C5H10O2	2-methylbutanoic acid	116-53-0	7.74853	1897.6806	215.000	66.20	200.55	1,2
2139	C5H10O2	(S)-(+)-2-methylbutanoic acid	1730-91-2	8.04520	1937.0130	207.331	67.61	190.96	2
2140	C5H10O2	3-methylbutanoic acid	503-74-2	7.75265	1843.4041	203.530	69.46	199.77	1,2
2141	C5H10O2	2,2-dimethylpropanoic acid	75-98-9	6.90107	1292.7556	153.820	35.93	193.77	2
2142	C5H10O2	butyl formate	592-84-7	7.35112	1541.9232	238.376	4.40	131.45	1,2
2143	C5H10O2	sec-butyl formate	589-40-2	6.52084	1073.6135	195.097	-0.63	126.44	1,2
2144	C5H10O2	isobutyl formate	542-55-2	7.20917	1346.0108	213.125	3.65	121.09	1,2
2145	C5H10O2	tert-butyl formate	762-75-4	6.76192	1056.3553	189.629	-6.29	105.44	1,2
2146	C5H10O2	propyl acetate	109-60-4	7.22084	1407.5142	222.760	3.50	125.72	1,2
2147	C5H10O2	isopropyl acetate	108-21-4	7.24302	1407.6425	233.840	-8.37	112.77	1,2
2148	C5H10O2	ethyl propanoate	105-37-3	7.19519	1375.5684	219.783	2.25	122.96	1,2
2149	C5H10O2	methyl butanoate	623-42-7	7.24348	1411.1588	221.612	4.41	125.82	1,2
2150	C5H10O2	methyl isobutanoate	547-63-7	7.33732	1436.1314	230.405	-3.79	115.19	1,2
2151	C5H10O2	tetrahydrofurfuryl alcohol	97-99-4	8.65973	2725.4829	293.125	62.69	204.42	1,2
2152	C5H10O2S	3-methyl sulfolane	872-93-5	7.38245	2165.4094	204.177	135.10	311.32	1,2
2153	C5H10O3	diethyl carbonate	105-58-8	7.61056	1741.0586	241.309	22.07	151.82	1,2
2154	C5H10O3	ethyl lactate	97-64-3	9.11949	2926.2467	315.049	45.35	177.78	1,2
2155	C5H10O3	ethylene glycol monomethyl ether acetate	110-49-6	7.82365	1866.4717	234.612	38.92	167.49	1,2
2156	C5H10S	thiacyclohexane	1613-51-0	7.01671	1491.2062	218.802	18.99	170.05	1,2
2157	C5H10S	2,2,3-trimethylthiacyclopropane	53971-47-4	5.74608	1067.0448	230.825	-6.00	185.30	2
2158	C5H10S	2-methylthiacyclopentane	1795-09-1	6.80832	1380.8942	215.026	22.72	165.75	1,2
2159	C5H10S	3-methylthiacyclopentane	4740-00-5	6.95256	1433.9019	213.832	27.06	166.44	1,2
2160	C5H10S	cyclopentanethiol	1679-07-8	7.08927	1480.2867	220.191	18.00	158.65	1,2

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mmHg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
2161	C5H10S	allyl ethyl sulfide	5296-62-8	3.92090	240.8180	67.853	14.59	257.99	3
2162	C5H11Br	1-bromopentane	110-53-2	8.47060	2178.8320	263.938	27.72	148.04	1,2
2163	C5H11Br	2-bromopentane	107-81-3	7.31222	1550.9813	233.147	12.56	142.36	1,2
2164	C5H11Br	3-bromopentane	1809-10-5	7.27881	1542.2549	232.023	13.61	144.42	1,2
2165	C5H11Br	1-bromo-2-methylbutane	10422-35-2	6.75778	1169.7806	178.797	24.37	148.33	2
2166	C5H11Br	1-bromo-3-methylbutane	107-82-4	7.26097	1544.1348	231.679	14.95	146.87	1,2
2167	C5H11Br	2-bromo-2-methylbutane	507-36-8	6.78786	1122.5516	180.465	13.48	130.84	1,2
2168	C5H11Br	2-bromo-3-methylbutane	18295-25-5	6.51030	1097.0256	179.324	19.76	150.27	2
2169	C5H11Br	1-bromo-2,2-dimethylpropane	630-17-1	6.73901	1107.6654	181.044	11.96	130.35	1,2
2170	C5H11Br	1-bromo-2-methylbutane, (S)	534-00-9	7.46830	1577.6790	222.260	21.65	145.80	1,2
2171	C5H11Cl	1-chloropentane	543-59-9	7.23486	1500.3624	236.740	3.90	133.44	1,2
2172	C5H11Cl	2-chloropentane	625-29-6	7.07977	1352.3534	226.569	-4.13	120.37	1,2
2173	C5H11Cl	2-chloropentane, (+)	29882-57-3	7.70395	1555.7753	229.098	2.97	114.94	2
2174	C5H11Cl	3-chloropentane	616-20-6	6.99853	1309.3779	220.436	-2.15	122.63	1,2
2175	C5H11Cl	1-chloro-2-methylbutane	616-13-7	7.62671	1556.7216	228.114	6.80	122.11	1,2
2176	C5H11Cl	1-chloro-2-methylbutane, (±)	114180-21-1	7.94187	1628.4389	228.292	6.29	113.81	2
2177	C5H11Cl	1-chloro-3-methylbutane	107-84-6	7.57635	1537.9229	228.679	5.18	121.29	1,2
2178	C5H11Cl	2-chloro-2-methylbutane	594-36-5	7.58580	1495.7857	232.265	-5.14	107.38	1,2
2179	C5H11Cl	2-chloro-3-methylbutane	631-65-2	7.58083	1519.3551	230.266	0.61	115.12	1,2
2180	C5H11Cl	1-chloro-2,2-dimethylpropane	753-89-9	7.58469	1491.0309	232.629	-20.00	106.02	1,2
2181	C5H11ClO2S	1-pentanesulfonyl chloride	6303-18-0	7.62595	2010.7190	207.046	96.42	245.40	3
2182	C5H11Cl2N	2-chloro-N-(2-chloroethyl)-N-methylethanamine	51-75-2	6.74460	2047.5743	273.150	83.28	301.57	3
2183	C5H11F	1-fluoropentane	592-50-7	7.11416	1249.1209	232.217	-27.92	85.44	1,2
2184	C5H11F	2-fluoropentane	590-87-4	6.99852	1125.4838	219.675	-32.05	75.21	2
2185	C5H11F	3-fluoropentane	41909-29-9	6.90872	1110.3041	222.000	-34.09	75.92	2
2186	C5H11F	1-fluoro-2-methylbutane	10086-64-3	7.11129	1194.5734	228.720	-33.25	75.29	2
2187	C5H11F	1-fluoro-3-methylbutane	407-06-7	7.24632	1351.7931	256.000	-39.59	76.59	2
2188	C5H11F	2-fluoro-2-methylbutane	661-53-0	6.64121	1117.7934	243.601	-45.45	79.52	2
2189	C5H11F	2-fluoro-3-methylbutane	62108-95-6	6.94140	1257.3733	256.000	-44.37	78.45	2
2190	C5H11F	1-fluoro-2,2-dimethylpropane	59006-05-2	6.56665	1141.3304	256.000	-50.97	81.19	2
2191	C5H11I	1-iodopentane	628-17-1	7.35659	1642.4695	212.418	45.97	181.01	1,2
2192	C5H11I	2-iodopentane	637-97-8	6.83413	1464.8343	216.310	34.77	184.76	2
2193	C5H11I	2-iodopentane, (±)	52152-72-4	6.73209	1430.2388	217.144	32.37	185.71	2
2194	C5H11I	3-iodopentane	1809-05-8	6.90446	1488.6576	215.754	36.37	184.14	2
2195	C5H11I	1-iodo-2-methylbutane	29394-58-9	6.94035	1500.8065	215.476	37.17	183.83	2
2196	C5H11I	1-iodo-3-methylbutane	541-28-6	7.34528	1610.3979	214.865	38.93	171.93	1,2
2197	C5H11I	2-iodo-2-methylbutane	594-38-7	6.39003	1313.9409	220.202	23.57	189.36	2
2198	C5H11I	2-iodo-3-methylbutane	18295-27-7	6.73209	1430.2388	217.144	32.37	185.71	2
2199	C5H11I	1-iodo-2,2-dimethylpropane	15501-33-4	6.53962	1364.8648	218.812	27.57	187.67	2
2200	C5H11N	N-methylpyrrolidine	120-94-5	7.03813	1326.5183	238.530	-18.84	105.46	1,2
2201	C5H11N	piperidine	110-89-4	7.15381	1430.6238	228.756	-10.50	131.42	1,2
2202	C5H11N	cyclopentylamine	1003-03-8	7.23069	1413.7695	216.964	9.94	132.21	1,2
2203	C5H11N	N,N-dimethylallylamine	2155-94-4	7.47029	1386.5447	238.564	-24.27	84.76	1,2
2204	C5H11N	2-methylpyrrolidine	765-38-8	6.63009	1295.4288	228.820	1.27	146.86	3
2205	C5H11N	3-methylpyrrolidine	34375-89-8	6.37449	1214.0124	230.794	-4.91	149.46	3
2206	C5H11NO	tert-butylformamide	2425-74-3	7.45915	1840.0723	199.908	84.97	230.29	1,2
2207	C5H11NO	N,N-diethylformamide	617-84-5	7.44471	1753.5355	206.719	65.37	204.63	1,2
2208	C5H11NO2	1-nitropentane	628-05-7	7.38623	1714.9052	208.082	60.45	199.80	1,2
2209	C5H11NO2	2-nitropentane	4609-89-6	6.76006	1484.8194	213.808	24.33	201.15	2
2210	C5H11NO2	3-nitropentane	551-88-2	6.76006	1484.8194	213.808	24.33	201.15	2
2211	C5H11NO2	1-nitro-2-methylbutane	3457-57-6	7.10928	1606.7305	211.028	24.33	198.08	2
2212	C5H11NO2	1-nitro-3-methylbutane	627-67-8	7.04318	1579.7615	210.584	50.83	198.54	2
2213	C5H11NO2	2-nitro-2-methylbutane	595-42-6	6.68915	1460.0065	214.420	42.21	201.86	2
2214	C5H11NO2	2-nitro-3-methylbutane	2625-35-6	6.72759	1473.4573	214.086	24.33	201.47	2
2215	C5H11NO2	1-nitro-2,2-dimethylpropane	34715-98-5	6.71150	1467.8287	214.225	14.00	201.63	2
2216	C5H11NO2S	L-methionine	63-68-3	12.67010	6530.0000	273.150	286.40	415.07	3
2217	C5H11NO3	amyl nitrate	1002-16-0	7.18220	1590.4112	214.086	43.17	183.48	2
2218	C5H11NO3	3-methylbutyl nitrate	543-87-3	7.36353	1627.0928	214.920	40.77	174.18	1,2
2219	C5H11NO3	isopentyl nitrate	21981-48-6	6.92002	1501.3315	216.032	37.57	185.59	2
2220	C5H12	pentane	109-66-0	7.00892	1134.1488	238.678	-49.93	57.67	1,2
2221	C5H12	isopentane	78-78-4	7.03030	1140.4542	247.012	-57.89	49.33	1,2
2222	C5H12	neopentane	463-82-1	6.64431	854.0300	217.424	-66.12	29.23	1,2
2223	C5H12N2	1-methylpiperazine	109-01-3	7.62544	1687.4286	217.700	36.99	162.04	1,2
2224	C5H12N2	2-methylpiperazine	109-07-9	7.52214	1710.7009	213.530	48.76	180.61	1,2
2225	C5H12N2	homopiperazine	505-66-8	7.63381	1797.1281	209.055	41.50	194.62	1,2
2226	C5H12N2	(S)-(+)-2-methylpiperazine	74879-18-8	7.85121	1816.5646	212.835	52.31	176.20	3
2227	C5H12N2	(R)-(-)-2-methylpiperazine	75336-86-6	7.85121	1816.5646	212.835	52.31	176.20	3
2228	C5H12N2O	tetramethylurea	632-22-4	6.10949	1374.3418	208.441	20.70	260.99	3
2229	C5H12O	1-pentanol	71-41-0	7.21542	1333.4601	169.781	44.76	160.81	1,2
2230	C5H12O	2-pentanol	6032-29-7	7.06859	1182.9001	163.615	31.31	140.73	1,2
2231	C5H12O	(S)-(+)-2-pentanol	26184-62-3	10.01371	2256.0530	223.121	27.17	107.10	2
2232	C5H12O	(R)-(-)-2-pentanol	31087-44-2	8.28983	1845.3210	221.606	31.53	139.66	1,2
2233	C5H12O	3-pentanol	584-02-1	7.16134	1236.3316	173.977	26.68	136.70	1,2
2234	C5H12O	2-methyl-1-butanol	137-32-6	7.09135	1208.5824	158.188	40.22	150.95	1,2
2235	C5H12O	2-methyl-1-butanol, (±)	34713-94-5	11.03745	2559.4414	220.619	34.37	105.19	2
2236	C5H12O	(S)-(-)-2-methyl-1-butanol	1565-80-6	8.03303	1794.8147	220.508	34.69	149.47	1,2
2237	C5H12O	3-methyl-2-butanol, (±)	70116-68-6	9.48228	2098.2465	224.678	22.69	108.35	2
2238	C5H12O	3-methyl-1-butanol	123-51-3	7.06709	1174.0688	149.606	43.91	152.58	1,2
2239	C5H12O	3-methyl-2-butanol	598-75-4	6.95537	1102.9954	158.853	26.36	133.45	1,2
2240	C5H12O	(S)-3-methyl-2-butanol	1517-66-4	8.41829	1781.3915	228.530	11.60	111.66	2

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mmHg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
2241	C5H12O	2,2-dimethyl-1-propanol	75-84-3	7.37178	1301.0278	177.849	26.34	132.66	1,2
2242	C5H12O	tert-pentyl-alcohol	75-85-4	6.72089	935.3111	141.615	21.87	122.67	1,2
2243	C5H12O	methyl butyl ether	628-28-4	7.05904	1250.5902	228.261	-21.86	94.29	1,2
2244	C5H12O	methyl sec-butyl ether	6795-87-5	7.52674	1387.7967	239.662	-27.03	79.75	1,2
2245	C5H12O	methyl isobutyl ether	625-44-5	7.52917	1386.7791	239.787	-27.39	79.21	1,2
2246	C5H12O	methyl tert-butyl ether	1634-04-4	7.53531	1376.6551	240.719	-30.07	75.50	1,2
2247	C5H12O	ethyl propyl ether	628-32-0	7.54361	1407.9829	238.311	-23.14	84.49	1,2
2248	C5H12O	ethyl isopropyl ether	625-54-7	7.50668	1363.1507	241.330	-31.83	73.86	1,2
2249	C5H12O2	ethylene glycol monopropyl ether	2807-30-9	8.03833	1875.9883	213.989	52.55	172.30	1,2
2250	C5H12O2	1-ethoxy-2-propanol	1569-02-4	7.99956	1791.3013	219.646	36.27	152.17	3
2251	C5H12O2	2-ethoxy-1-propanol	19089-47-5	8.55756	1971.5800	217.005	43.87	149.75	3
2252	C5H12O2	2-isopropoxyethanol	109-59-1	8.14310	1880.2373	215.754	47.47	163.23	1,2
2253	C5H12O2	3-methoxy-1-butanol	2517-43-3	7.81229	1835.8327	212.418	57.07	184.05	1,2
2254	C5H12O2	3-ethoxy-1-propanol	111-35-3	7.95179	1886.3072	211.431	59.91	184.03	1,2
2255	C5H12O2	1-methoxy-2-butanol	53778-73-7	8.16577	1845.0588	218.812	38.67	151.39	3
2256	C5H12O2	ethyl ether of propylene glycol	52125-53-8	11.23990	2832.6194	208.564	68.06	142.96	3
2257	C5H12O2	neopentyl glycol	126-30-7	9.54485	2560.7845	199.769	99.92	202.68	1,2
2258	C5H12O2	1,2-pentanediol	5343-92-0	8.09710	2111.6153	197.962	99.57	231.64	1,2
2259	C5H12O2	1,2-pentanediol, (±)	91049-43-3	7.98324	2077.7409	197.962	99.57	234.77	3
2260	C5H12O2	1,3-pentanediol	3174-67-2	8.59044	2305.9490	194.626	109.17	231.72	3
2261	C5H12O2	1,4-pentanediol	626-95-9	7.67575	1961.8580	199.908	93.97	236.65	3
2262	C5H12O2	1,5-pentanediol	111-29-5	7.99060	2189.4025	189.622	123.57	265.67	1,2
2263	C5H12O2	2,3-pentanediol	42027-23-6	7.12515	1753.6864	203.939	50.86	240.79	3
2264	C5H12O2	DL-erythro-2,3-pentanediol	61828-35-1	7.66949	1959.4954	199.950	93.85	236.69	3
2265	C5H12O2	DL-threo-2,3-pentanediol	61828-36-2	7.66949	1959.4954	199.950	93.85	236.69	3
2266	C5H12O2	2,4-pentanediol	625-69-4	7.99887	2041.6550	201.062	90.65	222.78	1,2
2267	C5H12O2	(R,R)-(-)-2,4-pentanediol	42075-32-1	6.60570	1556.2845	208.564	69.06	245.98	3
2268	C5H12O2	(2S,4S)-(+)-pentanediol	72345-23-4	6.60570	1556.2845	208.564	69.06	245.98	3
2269	C5H12O2	DL-2,4-pentanediol	1825-14-5	7.63424	1946.1973	200.186	93.17	236.93	3
2270	C5H12O2	meso-2,4-pentanediol	3950-21-8	7.63424	1946.1973	200.186	93.17	236.93	3
2271	C5H12O2	2-methyl-1,2-butanediol	41051-72-3	7.17739	1773.4816	203.522	50.86	240.34	3
2272	C5H12O2	2-methyl-1,3-butanediol	684-84-4	7.59331	1930.7463	200.464	92.37	237.20	3
2273	C5H12O2	2-methyl-1,4-butanediol	2938-98-9	7.21278	1786.8843	203.244	50.86	240.05	3
2274	C5H12O2	2-methyl-2,3-butanediol	5396-58-7	6.69592	1590.6564	207.692	50.86	244.96	3
2275	C5H12O2	3-methyl-1,2-butanediol	50468-22-9	7.59331	1930.7463	200.464	92.37	237.20	3
2276	C5H12O2	3-methyl-1,3-butanediol	2568-33-4	7.55293	1915.5007	200.742	91.57	237.48	3
2277	C5H12O2	2-ethyl-1,3-propanediol	2612-29-5	7.67784	1962.6466	199.894	94.01	236.64	3
2278	C5H12O2	diethoxymethane	462-95-3	5.89939	1125.4662	237.544	-7.83	176.60	3
2279	C5H12O3	2-(2-methoxyethoxy)ethanol	111-77-3	8.62300	2537.5904	248.321	84.57	218.05	1,2
2280	C5H12O3S	butyl methyl sulfite	33653-28-0	6.17817	1295.6729	208.248	41.97	224.17	3
2281	C5H12O4S	butyl methyl sulfate	3518-51-2	6.34639	1530.2384	194.401	91.82	289.16	3
2282	C5H12O4S	ethyl propyl sulfate	5867-94-7	6.34639	1530.2384	194.401	91.82	289.16	3
2283	C5H12S	1-pentanethiol	110-66-7	7.59274	1634.6057	220.858	27.08	149.73	1,2
2284	C5H12S	2-pentanethiol	2084-19-7	7.00281	1443.7173	224.817	15.69	153.02	2
2285	C5H12S	3-pentanethiol	616-31-9	7.55891	1582.5990	224.400	16.89	137.17	1,2
2286	C5H12S	2-methyl-1-butanethiol	1878-18-8	7.68118	1629.8826	222.983	20.97	139.27	1,2
2287	C5H12S	2-methyl-1-butanethiol, (+)	20089-07-0	7.27749	1531.7361	222.955	21.05	151.04	2
2288	C5H12S	3-methyl-1-butanethiol	541-31-1	7.57515	1601.7742	223.164	20.45	141.43	1,2
2289	C5H12S	2-methyl-2-butanethiol	1679-09-0	7.41101	1497.4857	228.506	5.07	125.58	1,2
2290	C5H12S	3-methyl-2-butanethiol	2084-18-6	7.55502	1567.4998	225.551	13.58	132.88	1,2
2291	C5H12S	2,2-dimethyl-1-propanethiol	1679-08-9	7.55300	1546.2189	227.241	8.71	126.49	1,2
2292	C5H12S	2-thiahexane	628-29-5	7.08690	1436.4114	218.358	17.63	149.48	1,2
2293	C5H12S	3-thiahexane	4110-50-3	7.05192	1396.0413	216.143	14.53	144.58	1,2
2294	C5H12S	3-methyl-2-thiapentane	10359-64-5	7.10629	1316.6146	206.159	9.46	129.33	2
2295	C5H12S	4-methyl-2-thiapentane	5008-69-5	6.83826	1271.6441	208.229	9.58	139.55	1,2
2296	C5H12S	2-methyl-3-thiapentane	5145-99-3	6.79160	1249.3059	212.102	3.61	133.99	1,2
2297	C5H12S	3,3-dimethyl-2-thiobutane	6163-64-0	6.90137	1300.7330	223.671	-3.26	126.03	1,2
2298	C5H12S2	1,5-pentanedithiol	928-98-3	7.49890	2094.1597	232.846	89.39	252.24	2
2299	C5H12S2	1,4-pentanedithiol	---	6.89148	1676.5769	197.406	87.17	254.54	2
2300	C5H12S2	1,3-pentanedithiol	---	6.73906	1618.2206	198.796	83.17	256.12	2
2301	C5H12S2	1,2-pentanedithiol	---	6.59525	1563.0683	200.186	79.17	257.73	2
2302	C5H12S2	2,3-dithiaheptane	4396-19-4	7.49924	1742.6298	206.699	61.43	196.93	2
2303	C5H12S2	3,4-dithiaheptane	30453-31-7	7.00603	1552.0517	203.385	55.03	202.47	1,2
2304	C5H12S2	3,5-dithiaheptane	4396-19-4	7.19091	1635.3984	208.811	55.35	199.11	2
2305	C5H12S2	2,4-dithiaheptane	---	7.96138	1902.8808	203.919	69.43	194.21	2
2306	C5H12S2	3,5-dithiaheptane	---	7.77741	1839.1494	204.975	66.39	195.23	2
2307	C5H12S2	2-methyl-3,4-dithiahexane	53966-36-2	7.18154	1637.1982	210.057	54.80	199.27	2
2308	C5H12S2	1,3-bis(methylsulfanyl)propane	24949-35-7	7.26393	1660.8180	208.290	56.85	198.57	2
2309	C5H13N	pentylamine	110-58-7	7.46420	1517.0473	229.138	5.55	125.12	1,2
2310	C5H13N	1-methylbutylamine	625-30-9	6.98773	1151.2405	189.268	3.00	113.22	1,2
2311	C5H13N	2-methylbutylamine	96-15-1	6.96081	1156.0861	187.805	6.14	118.12	1,2
2312	C5H13N	3-methylbutylamine	107-85-7	7.15883	1198.7762	187.368	7.28	114.06	1,2
2313	C5H13N	1,1-dimethylpropylamine	594-39-8	6.89709	1081.5084	192.232	-8.83	98.87	1,2
2314	C5H13N	1,2-dimethylpropylamine	598-74-3	6.84382	1094.7525	190.693	-3.36	108.26	1,2
2315	C5H13N	2,2-dimethylpropylamine	5813-64-9	6.64999	1037.0880	192.650	-9.09	106.38	1,2
2316	C5H13N	3-pentanamine	616-24-0	7.61772	1521.3622	231.322	-1.43	111.65	1,2
2317	C5H13N	(S)-(-)-2-methylbutylamine	20626-52-2	7.16786	1391.7614	233.583	-7.94	115.58	2
2318	C5H13N	methyl-butylamine	110-68-9	7.00772	1159.2759	189.857	3.11	113.15	1,2
2319	C5H13N	methylisobutylamine	14610-37-8	7.10525	1125.8574	193.011	-8.60	93.95	1,2
2320	C5H13N	methyl-sec-butylamine	7713-69-1	6.93168	1096.2350	192.118	-7.31	100.22	1,2

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mmHg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
2321	C5H13N	methyl-tert-butylamine	625-43-4	6.54426	1005.4377	193.391	-12.04	105.63	2
2322	C5H13N	ethylpropylamine	20193-20-8	7.42853	1193.0867	192.099	-6.51	88.85	1,2
2323	C5H13N	ethylisopropylamine	19961-27-4	7.25727	1150.6880	193.277	-9.38	89.07	1,2
2324	C5H13N	methyldiethylamine	616-39-7	6.89338	1040.5066	194.462	-17.91	85.88	1,2
2325	C5H13N	dimethyl-propylamine	926-63-6	6.47045	920.4864	190.579	-22.31	89.32	1,2
2326	C5H13N	dimethylisopropylamine	996-35-6	7.02311	1055.0243	193.635	-18.47	81.02	2
2327	C5H13N	N,N-dimethyl-2-propanamine	996-35-0	7.72454	1465.2738	237.709	-19.81	84.85	1,2
2328	C5H13NO	2-amino-3-methyl-1-butanol, (\pm)	16369-05-4	6.70447	1546.3480	210.987	60.09	227.99	3
2329	C5H13NO	2-amino-3-pentanol	116836-16-9	6.98770	1650.7859	208.526	29.84	225.22	3
2330	C5H13NO	5-amino-1-pentanol	2508-29-4	7.86514	2073.6655	194.487	107.57	248.29	1,2
2331	C5H13NO	1-(dimethylamino)-2-propanol	108-16-7	7.90718	1736.6255	221.453	29.84	146.06	1,2
2332	C5H13NO	2-(dimethylamino)-1-propanol	15521-18-3	6.36920	1422.2533	214.281	29.84	231.94	3
2333	C5H13NO	3-(dimethylamino)-1-propanol	3179-63-3	6.74571	1561.5774	210.611	29.84	227.56	3
2334	C5H13NO	2-(isopropylamino)ethanol	109-56-8	7.05616	1675.9836	207.970	68.77	224.62	3
2335	C5H13NO	2-(propylamino)ethanol	16369-21-4	7.38733	1797.6381	205.468	75.97	221.98	3
2336	C5H13NO	(S)-(+)-2-amino-3-methyl-1-butanol	2026-48-4	6.70447	1546.3480	210.987	60.09	227.99	3
2337	C5H13NO	(R)-(-)-2-amino-3-methyl-1-butanol	4276-09-9	7.69598	1910.7200	203.383	81.97	219.89	3
2338	C5H13NO	2-amino-3-methyl-1-butanol	473-75-6	6.70447	1546.3480	210.987	60.09	227.99	3
2339	C5H13NO	DL-2-amino-1-pentanol	4146-04-7	7.92090	1992.9646	201.993	85.97	218.55	3
2340	C5H13NO	(S)-(+)-1-dimethylamino-2-propanol	53636-17-2	5.76024	1195.0248	221.592	29.45	241.88	3
2341	C5H13NO2	methyl diethanolamine	105-59-9	8.85362	2594.7905	187.384	143.01	270.11	1,2
2342	C5H13NO2	2-amino-2-ethyl-1,3-propanediol	115-70-8	7.27598	1843.2422	206.928	86.77	243.29	3
2343	C5H13NS	N-methyl-tert-butylsulfenamide	90000-18-2	8.38433	2187.3000	273.150	23.06	147.28	3
2344	C5H14N2	1,5-pentanediamine	462-94-2	7.68119	1849.8373	206.302	70.57	204.83	1,2
2345	C5H14N2	N,N,N',N'-tetramethylmethanediamine	51-80-9	7.55318	1486.0017	232.990	-30.89	106.95	1,2
2346	C5H14N2	1,3-diaminopentane	589-37-7	8.97936	2146.7853	210.472	58.57	159.82	3
2347	C5H14N2	3-dimethylamino-1-propylamine	109-55-7	7.70524	1697.2380	218.951	34.17	156.26	1,2
2348	C5H14N2	N,N'-dimethyl-1,3-propanediamine	111-33-1	7.84513	1773.7385	215.754	43.37	164.61	3
2349	C5H14N2	2,2-dimethyl-1,3-propanediamine	7328-91-8	7.67573	1757.7212	213.530	30.00	177.61	1,2
2350	C5H14N2	1-dimethylamino-2-propylamine	62689-51-4	6.36116	1274.9672	224.789	13.03	176.23	3
2351	C5H14N2	N-isopropylethylenediamine	19522-67-9	7.42207	1633.9431	218.256	36.17	167.09	3
2352	C5H14N2	N-propylethylenediamine	111-39-7	7.67473	1741.7784	214.781	46.17	172.89	1,2
2353	C5H14N2	N,N,N'-trimethylethylenediamine	142-25-6	7.66718	1630.1820	223.538	20.97	139.91	1,2
2354	C5H14N2	methylbutyl hydrazine	20240-62-4	9.89115	2326.1904	214.420	47.21	132.29	2
2355	C6BrF5	bromopentafluorobenzene	344-04-7	6.90355	1381.1843	206.345	27.61	164.77	3
2356	C6ClF5	chloropentafluorobenzene	344-07-0	7.13979	1423.3832	216.248	15.58	143.38	3
2357	C6ClF13N2	1-chloro-1',2,2,2',2'',2''-heptafluoro-1,1'-bis(trifluoromethyl)-azoethane	33757-14-1	7.76012	1742.1600	273.150	-15.44	107.38	3
2358	C6Cl3F3	1,3,5-trichloro-2,4,6-trifluorobenzene	319-88-0	7.20417	1751.6679	206.764	75.57	228.72	3
2359	C6Cl3N3O6	1,3,5-trichloro-2,4,6-trinitrobenzene	2631-68-7	8.95864	3601.7000	273.150	179.40	350.33	3
2360	C6Cl4O2	2,3,5,6-tetrachloro-2,5-cyclohexadiene-1,4-dione	118-75-2	12.06010	5170.0000	273.150	194.30	309.17	3
2361	C6Cl6	hexachlorobenzene	118-74-1	6.03981	1264.4259	75.711	175.18	366.71	1,2
2362	C6F6	hexafluorobenzene	392-56-3	6.89223	1117.5985	196.754	-7.08	104.45	1,2
2363	C6F12	perfluorocyclohexane	355-68-0	7.03946	1263.5562	251.276	-46.20	76.27	1,2
2364	C6F12	perfluoro-1-hexene	755-25-9	7.20438	1299.7446	240.218	-30.73	82.90	2
2365	C6F12O4	O-[2,2,2-trifluoro-1,1-bis(trifluoro-methyl)ethyl]-00-(trifluoromethyl) peroxy carbonate	55100-93-1	7.82160	1748.3000	273.150	-16.86	103.66	3
2366	C6F14	perfluoro-2,3-dimethylbutane	354-96-1	7.77732	1444.4699	239.440	-26.31	74.88	2
2367	C6F14	perfluorohexane	355-42-0	7.37219	1344.4015	240.330	-29.35	80.50	1,2
2368	C6F14	perfluoro-2-methylpentane	355-04-4	7.50664	1376.1640	240.052	-28.55	78.15	1,2
2369	C6F14	perfluoro-3-methylpentane	865-71-4	7.65595	1410.5232	239.829	-27.91	75.43	2
2370	C6F14Se	bis(heptafluoro-propyl) selenide	755-81-7	7.71010	1803.0000	273.150	-4.45	125.02	3
2371	C6F14Se2	bis(heptafluoro-propyl)diselenide	755-51-1	7.53600	1967.0000	273.150	27.80	178.60	3
2372	C6F15N	perfluorotriethylamine	359-70-6	6.52918	937.4100	186.640	-17.10	93.41	3
2373	C6F16O4S2	2,2,4,4-tetrafluoro-1,1,3,3-tetrahydro-1,1,3,3-tetrakis-trifluoromethyl-1,3-dithiethane	63441-15-6	7.67010	1935.0000	273.150	16.95	157.98	3
2374	C6F16S	diffuorobis[1,2,2,2-tetrafluoro-1-(trifluoromethyl)-ethyl] sulfur	1423-18-3	7.85010	1911.0000	273.150	-0.15	136.21	3
2375	C6HBrF12N2	1-bromo-N,N,N',N'-tetrakis(trifluoro-methyl)vinylene-diamine	19451-95-7	7.39100	1683.0000	273.150	-9.81	126.69	3
2376	C6HCl3F8O2	3,5,6-trichloro-2,2,3,4,4,5,6,6-octafluorohexanoic acid	2106-54-9	9.51940	3353.4821	273.150	99.85	255.99	3
2377	C6HCl3O2	trichlorobenzoquinone	634-85-5	7.91021	2900.6340	273.150	146.61	340.30	3
2378	C6HCl5	pentachlorobenzene	608-93-5	7.09379	1816.0515	154.012	144.01	310.22	1,2
2379	C6HF5	pentafluorobenzene	363-72-4	7.11157	1280.0832	217.716	-8.26	108.03	1,2
2380	C6HF5O	pentafluorophenol	771-61-9	7.14284	1419.7413	187.514	39.00	170.92	3
2381	C6H2	1,3,5-hexatriyne	3161-99-7	8.27302	1830.5786	273.150	-21.46	86.41	3
2382	C6H2BrCl3O	3-bromo-2,4,6-trichlorophenol	85117-86-8	8.84261	3532.6700	287.189	112.85	336.87	3
2383	C6H2ClN3O6	2-chloro-1,3,5-trinitrobenzene	88-88-0	7.97000	3298.0000	273.150	199.85	415.63	3
2384	C6H2Cl2O2	2,6-dichloro-p-benzoquinone	697-91-6	9.95380	3713.0031	273.150	141.53	275.14	3
2385	C6H2Cl3F	1,3,5-trichloro-2-fluorobenzene	36556-33-9	12.75289	8622.1240	666.028	24.85	234.83	3
2386	C6H2Cl3NO2	2,4,5-trichloronitrobenzene	89-69-0	8.15907	2962.1600	273.150	140.61	321.99	1,2
2387	C6H2Cl4	1,2,3,4-tetrachlorobenzene	634-66-2	6.91252	1771.8300	185.425	114.25	289.51	1,2
2388	C6H2Cl4	1,2,3,5-tetrachlorobenzene	634-90-2	6.90236	1744.1383	187.649	107.85	281.14	1,2
2389	C6H2Cl4	1,2,4,5-tetrachlorobenzene	95-94-3	6.97880	1766.1340	187.927	107.47	277.22	1,2
2390	C6H2Cl4	tetrachlorobenzene	---	7.27679	1857.2922	187.649	108.25	265.91	2
2391	C6H2Cl4O	2,3,4,6-tetrachlorophenol	58-90-2	6.73087	2185.6791	236.106	99.85	379.75	3
2392	C6H2Cl4O2	tetrachlorohydroquinone	87-87-6	11.37804	5314.6892	273.150	238.96	375.28	3
2393	C6H2F4	1,2,3,4-tetrafluorobenzene	551-62-2	8.70679	1640.1108	215.328	-2.51	81.53	3
2394	C6H2F4	1,2,3,5-tetrafluorobenzene	2367-82-0	8.10326	1503.8758	221.775	-10.06	83.80	3
2395	C6H2F4	1,2,4,5-tetrafluorobenzene	327-54-8	10.29710	2203.9518	230.989	6.07	78.76	3
2396	C6H2F12O3S	2-propanol, 1,1,1,3,3,3-hexafluorosulfide	53517-89-8	8.36010	2216.0000	273.150	27.93	154.79	3
2397	C6H3BrCl2O	2-bromo-4,6-dichlorophenol	4524-77-0	8.02567	2639.6300	244.859	130.85	300.09	3
2398	C6H3ClN2O4	1-chloro-2,4-dinitrobenzene	97-00-7	7.75735	2391.9143	175.644	178.33	347.12	3
2399	C6H3ClO2	2-chloro-1,4-benzoquinone	695-99-8	10.32607	3466.1214	273.150	98.51	212.01	3
2400	C6H3Cl2NO2	1,2-dichloro-4-nitrobenzene	99-54-7	7.45941	2047.5281	191.345	125.64	287.32	3

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mmHg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
2401	C6H3Cl3	1,2,4-trichlorobenzene	120-82-1	7.37250	2021.9164	236.596	80.69	245.89	1,2
2402	C6H3Cl3	1,2,3-trichlorobenzene	87-61-6	6.83918	1638.1435	195.294	52.50	252.61	1,2
2403	C6H3Cl3	1,3,5-trichlorobenzene	108-70-3	6.83344	1605.4738	198.129	63.50	241.53	1,2
2404	C6H3Cl3	trichlorobenzene	12002-48-1	6.96460	1656.6720	196.781	80.97	241.17	2
2405	C6H3Cl3O	2,4,5-trichlorophenol	95-95-4	6.80185	2042.1112	237.476	71.85	326.64	3
2406	C6H3Cl3O	2,4,6-trichlorophenol	88-06-2	7.01192	2157.0078	238.804	71.80	324.37	3
2407	C6H3Cl3O2	2,3,5-trichloro-1,4-benzenediol	608-94-6	7.90176	2910.0273	273.150	148.49	343.39	3
2408	C6H3F3	1,3,5-trifluorobenzene	372-38-3	7.33028	1381.6734	235.075	-16.81	97.98	1,2
2409	C6H3F9O2	2,2,2-trifluoro-1,1-bis(trifluoromethyl)-ethyl acetate	24165-09-1	8.72180	2092.3000	273.150	-2.19	104.52	3
2410	C6H3F9O2	1,1-bis(trifluoromethyl)-ethyl	42031-16-3	8.04010	1743.0000	273.150	-25.57	85.62	3
2411	C6H3N3O6	1,3,5-trinitrobenzene	99-35-4	11.06481	6516.7001	443.202	204.27	383.48	3
2412	C6H4BrCl	1-bromo-3-chlorobenzene	108-37-2	7.36434	1909.4698	229.886	34.85	226.65	3
2413	C6H4Br2	m-dibromobenzene	108-36-1	7.09588	1747.4982	196.534	90.13	249.94	1,2
2414	C6H4Br2	o-dibromobenzene	583-53-9	6.85636	1671.3137	193.514	91.87	261.32	2
2415	C6H4Br2	p-dibromobenzene	106-37-6	6.90245	1664.4380	195.321	86.67	252.04	1,2
2416	C6H4Br2	dibromobenzene	26249-12-7	6.82632	1663.6201	194.765	90.77	261.71	2
2417	C6H4ClF	1-chloro-3-fluorobenzene	625-98-9	7.83819	2003.6840	276.582	-0.15	153.73	3
2418	C6H4ClNO2	m-chloronitrobenzene	121-73-3	7.42076	1956.7682	195.411	109.35	266.21	3
2419	C6H4ClNO2	o-chloronitrobenzene	88-73-3	7.43046	2007.4733	195.387	116.79	277.11	3
2420	C6H4ClNO2	p-chloronitrobenzene	100-00-5	7.40802	1953.6576	189.537	115.34	272.74	3
2421	C6H4Cl2	o-dichlorobenzene	95-50-1	6.96861	1595.0445	209.647	57.59	211.57	1,2
2422	C6H4Cl2	m-dichlorobenzene	541-73-1	7.19056	1727.6279	227.815	51.26	203.15	1,2
2423	C6H4Cl2	p-dichlorobenzene	106-46-7	7.26241	1805.1119	237.826	50.42	204.54	1,2
2424	C6H4Cl2O	2,4-dichlorophenol	120-83-2	7.40605	2090.5414	233.215	52.85	261.68	3
2425	C6H4Cl2O	2,6-dichlorophenol	87-65-0	7.84052	2308.8299	236.759	59.85	258.84	3
2426	C6H4Cl2O	3,5-dichlorophenol	591-35-5	10.61132	3880.0083	273.150	130.54	249.10	3
2427	C6H4Cl2O2	2,6-dichloro-1,4-benzenediol	20103-10-0	11.88444	4755.4600	273.150	163.75	273.29	3
2428	C6H4Cl2O3	vinyl mucochlorate	900000-64-8	9.82930	3340.3000	273.150	105.17	229.34	3
2429	C6H4Cl3N	2,4,6-trichloroaniline	634-93-5	11.95711	4861.8988	273.620	133.85	280.43	1,2
2430	C6H4Cl4Si	trichloro(3-chlorophenyl)silane	2003-89-6	6.83580	1572.2700	167.180	102.24	263.11	3
2431	C6H4F2	m-difluorobenzene	372-18-9	7.63261	1487.8123	231.255	-6.94	103.03	1,2
2432	C6H4F2	o-difluorobenzene	367-11-3	7.06621	1293.0322	216.889	-3.74	115.99	1,2
2433	C6H4F2	p-difluorobenzene	540-36-3	7.19672	1374.6402	229.456	-12.99	112.93	1,2
2434	C6H4INO2	1-iodo-2-nitrobenzene	609-73-4	8.43706	3129.0000	273.150	147.58	322.26	3
2435	C6H4I2	o-diiodobenzene	615-42-9	6.86310	1924.5526	176.278	151.97	346.52	1,2
2436	C6H4I2	m-diiodobenzene	626-00-6	7.45024	2110.5461	176.834	150.37	317.62	1,2
2437	C6H4I2	p-diiodobenzene	624-38-4	7.45024	2110.5461	176.834	150.37	317.62	1,2
2438	C6H4N2O4	m-dinitrobenzene	99-65-0	7.70585	2265.8491	172.552	165.34	328.30	1,2
2439	C6H4N2O4	o-dinitrobenzene	528-29-0	7.66431	2324.5561	166.904	181.90	351.69	1,2
2440	C6H4N2O4	p-dinitrobenzene	100-25-4	7.77780	2245.9056	164.021	167.34	324.65	1,2
2441	C6H4O2	p-benzoquinone	106-51-4	8.33423	1815.7059	170.256	77.31	182.15	3
2442	C6H4S4	tetrathiafulvalene	31366-25-3	10.02917	4100.1103	270.700	183.40	328.09	3
2443	C6H5AsCl2	dichlorophenylarsine	696-28-6	7.87766	2477.2285	240.759	119.43	286.78	3
2444	C6H5Br	bromobenzene	108-86-1	7.13724	1617.1109	223.972	39.52	184.86	1,2
2445	C6H5Cl	chlorobenzene	108-90-7	7.17262	1571.7847	234.229	20.41	159.63	1,2
2446	C6H5ClO	m-chlorophenol	108-43-0	11.06415	3467.1384	258.295	86.21	181.57	3
2447	C6H5ClO	o-chlorophenol	95-57-8	8.35404	2435.3631	279.572	51.59	191.28	3
2448	C6H5ClO	p-chlorophenol	106-48-9	11.61941	3609.7200	247.690	92.23	180.13	3
2449	C6H5Cl2N	3,4-dichloroaniline	95-76-1	7.40033	2092.1445	190.864	136.02	305.08	1,2
2450	C6H5Cl2O2P	phenyl dichlorophosphate	770-12-7	7.14729	1800.7100	180.060	112.87	274.04	3
2451	C6H5Cl3Si	trichlorophenylsilane	98-13-5	7.18841	1769.1733	208.910	76.97	232.66	3
2452	C6H5F	fluorobenzene	462-06-6	7.12621	1350.3640	233.227	-42.21	109.13	1,2
2453	C6H5FO	2-fluorophenol	367-12-4	7.48661	1667.3000	210.500	19.85	176.81	3
2454	C6H5F3Si	trifluorophenylsilane	368-47-8	8.43616	2220.9732	298.290	-10.15	124.40	3
2455	C6H5I	iodobenzene	591-50-4	7.12691	1736.4985	220.463	62.96	219.71	1,2
2456	C6H5NO2	nitrobenzene	98-95-3	7.53627	2017.7914	222.575	86.13	240.81	1,2
2457	C6H5NO3	o-nitrophenol	88-75-5	5.56216	1104.8929	196.016	46.17	268.16	1,2
2458	C6H5NO3	m-nitrophenol	554-84-7	5.17135	1010.2428	196.016	46.17	311.77	3
2459	C6H5NO3	p-nitrophenol	100-02-7	4.83679	929.2175	196.016	46.17	365.46	1,2
2460	C6H6	benzene	71-43-2	6.81432	1090.4312	197.146	-9.60	103.04	1,2
2461	C6H6	1,5-hexadien-3-yne	821-08-9	4.42408	325.8986	124.624	-50.15	137.72	1,2
2462	C6H6	1,3-hexadien-5-yne	10420-90-3	6.56975	1073.3583	206.117	-40.15	110.70	1,2
2463	C6H6	1,4-hexadiyne	10420-91-4	8.09164	1635.6875	233.352	-2.70	99.80	1,2
2464	C6H6	1,5-hexadiyne	628-16-0	6.70376	1131.3805	210.094	-11.74	111.15	1,2
2465	C6H6	2,4-hexadiyne	2809-69-0	7.96744	1777.3360	220.063	35.03	151.33	1,2
2466	C6H6	1,3-hexadiyne	4447-21-6	7.97842	1639.5888	230.776	4.18	111.05	2
2467	C6H6AsCl3	tris(2-chloroethyl)arsine	40334-70-1	9.05950	3295.0000	273.150	135.68	287.45	3
2468	C6H6ClN	m-chloroaniline	108-42-9	7.34909	1935.6153	203.141	101.72	261.34	1,2
2469	C6H6ClN	o-chloroaniline	95-51-2	7.40385	1879.5785	206.706	86.80	238.48	1,2
2470	C6H6ClN	p-chloroaniline	106-47-8	7.34731	1941.2292	202.570	69.90	263.46	1,2
2471	C6H6Cl2Si	dichlorophenylsilane	1631-84-1	8.16004	2397.5600	273.150	61.70	208.46	3
2472	C6H6Cl4	a-3,4,5,6-tetrachloro-cyclohexene	41992-55-6	7.74058	2284.9820	222.123	79.85	279.11	3
2473	C6H6Cl6	1,2,3,4,5,6-hexachlorocyclohexane, (1alpha,2beta,3alpha,4beta,5alpha,6beta)-	319-85-7	7.94411	3132.4555	245.024	206.07	412.74	3
2474	C6H6N2	trans-dicyano-1-butene	2141-59-5	13.95725	4270.2981	196.499	133.07	199.80	3
2475	C6H6N2	trans-1,4-dicyano-2-butene	1119-85-3	16.19283	4897.6713	178.883	143.48	197.54	3
2476	C6H6N2O2	m-nitroaniline	99-09-2	8.21368	2842.1374	226.884	167.11	337.95	1,2
2477	C6H6N2O2	o-nitroaniline	88-74-4	8.32226	2822.5633	234.666	150.81	314.43	1,2
2478	C6H6N2O2	p-nitroaniline	100-01-6	8.30103	3020.9668	221.391	147.50	368.74	1,2
2479	C6H6N2O2	N-nitroaniline	645-55-6	7.84541	2236.8985	177.064	149.71	302.59	3
2480	C6H6O	phenol	108-95-2	7.36683	1629.4035	181.369	40.91	207.98	1,2

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mmHg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
2481	C6H6O2	pyrocatechol	120-80-9	8.73456	3041.9489	274.659	104.45	273.17	1,2
2482	C6H6O3	1,2,3-benzenetriol	87-66-1	10.06750	4842.1169	364.762	162.00	338.46	1,2
2483	C6H6S	phenyl mercaptan	108-98-5	7.07507	1553.5392	201.647	54.08	197.39	1,2
2484	C6H6Se	benzeneselenol	645-96-5	8.06965	2370.0000	273.150	57.85	211.73	3
2485	C6H7Cl2N	4-chloroaniline hydrochloride	20265-96-7	8.93507	3272.9996	270.106	99.85	298.79	3
2486	C6H7F3N2O4	N-trifluoroacetyl-glycylglycine	400-58-8	7.01010	3501.0000	273.150	309.37	641.37	3
2487	C6H7N	aniline	62-53-3	7.30405	1669.7073	193.636	71.23	211.42	1,2
2488	C6H7N	2-methylpyridine	109-06-8	7.17691	1511.3610	222.949	21.73	155.36	1,2
2489	C6H7N	3-methylpyridine	108-99-6	7.11581	1524.6165	216.154	33.14	171.40	1,2
2490	C6H7N	4-methylpyridine	108-89-4	7.26349	1618.0459	224.341	3.65	172.08	1,2
2491	C6H7N	methylpyridine	1333-41-1	8.02360	1770.8195	215.754	36.37	149.98	2
2492	C6H8	methylcyclopentadiene	26519-91-5	7.04489	1319.0729	241.277	-23.06	100.18	3
2493	C6H8	1,3-cyclohexadiene	592-57-4	7.12663	1354.1539	238.088	-17.06	105.19	1,2
2494	C6H8	1,4-cyclohexadiene	628-41-1	7.07358	971.9884	156.327	3.71	93.43	2
2495	C6H8	trans-1,3,5-hexatriene	821-07-8	7.29032	1386.3106	234.241	-13.85	103.19	1,2
2496	C6H8	cis-1,3,5-hexatriene	2612-46-6	7.38299	1406.6172	234.380	-14.01	100.44	1,2
2497	C6H8	1-hexen-3-yne	13721-54-5	7.51318	1470.7051	232.434	-6.63	107.12	1,2
2498	C6H8	1-hexen-4-yne	5009-11-0	7.86937	1558.3056	231.878	-5.03	100.56	2
2499	C6H8	1-hexen-5-yne	14548-31-3	7.01659	1311.4610	236.604	-18.63	105.39	2
2500	C6H8	2-hexen-4-yne	14092-20-7	7.63361	1510.0176	231.461	-3.83	107.73	1,2
2501	C6H8	2-methyl-1-penten-3-yne	926-55-6	7.38476	1418.2428	234.391	-12.26	103.05	2
2502	C6H8	3-methyl-3-penten-1-yne	1574-33-0	7.38384	1379.8487	237.577	-21.43	90.80	1,2
2503	C6H8	1,3,5-hexatriene	2235-12-3	7.34943	1402.4363	233.991	-13.12	102.52	1,2
2504	C6H8	cis,anti,cis-tricyclo[3.1.0.0(2,4)]hexane	21531-33-9	6.40155	1111.2435	235.131	-29.40	110.01	3
2505	C6H8ClN	3-methylpyridinium chloride	14401-92-4	10.41080	2896.0952	177.160	130.58	223.46	3
2506	C6H8ClN	4-methylpyridinium chloride	14401-93-5	22.12275	1.4464E+04	544.250	140.52	219.40	3
2507	C6H8Cl2O4	ethylene glycol bis(chloroacetate)	6941-69-1	7.46296	2367.4586	208.020	111.85	344.98	3
2508	C6H8N2	adiponitrile	111-69-3	7.94837	2703.3976	238.384	150.67	328.74	1,2
2509	C6H8N2	methylglutaronitrile	4553-62-2	12.99086	3993.8576	202.259	130.82	204.90	3
2510	C6H8N2	m-phenylenediamine	108-45-2	8.06424	2650.5501	228.301	146.91	314.58	1,2
2511	C6H8N2	o-phenylenediamine	95-54-5	7.45839	2028.7652	186.147	103.80	288.25	1,2
2512	C6H8N2	p-phenylenediamine	106-50-3	7.54945	2076.6040	177.749	139.32	297.71	1,2
2513	C6H8N2	phenylhydrazine	100-63-0	7.84640	2231.0604	209.754	116.12	268.55	1,2
2514	C6H8N2O	bis(cyanoethyl) ether	1656-48-0	13.90199	4658.5464	191.768	169.30	242.79	3
2515	C6H8O	2-hexynal	27593-24-4	6.80509	1510.3005	215.198	44.97	201.64	2
2516	C6H8O	3-hexynal	89533-67-5	6.80509	1510.3005	215.198	44.97	201.64	2
2517	C6H8O	4-hexynal	41143-14-0	6.80509	1510.3005	215.198	44.97	201.64	2
2518	C6H8O	5-hexynal	29329-03-1	6.80509	1510.3005	215.198	44.97	201.64	2
2519	C6H8O	2-methyl-4-pentynal	---	6.49451	1400.8153	217.978	36.97	204.89	2
2520	C6H8O	3-methyl-4-pentynal	---	6.49451	1400.8153	217.978	36.97	204.89	2
2521	C6H8O	4-methyl-2-pentynal	---	6.49451	1400.8153	217.978	36.97	204.89	2
2522	C6H8O	2-ethylfuran	3208-16-0	7.38026	1449.7176	230.349	-3.13	114.95	1,2
2523	C6H8O	3-ethylfuran	67363-95-5	7.48859	1475.3753	230.530	-3.15	112.04	2
2524	C6H8O	2,3-dimethylfuran	14920-89-9	7.35151	1449.8160	229.793	-1.53	117.91	1,2
2525	C6H8O	2,4-dimethylfuran	3710-43-8	7.39896	1462.3187	229.654	-1.13	117.10	1,2
2526	C6H8O	2,5-dimethylfuran	625-86-5	7.31080	1435.5826	230.210	-2.73	117.48	1,2
2527	C6H8O	3,4-dimethylfuran	20843-07-6	6.88725	1297.6778	234.236	-13.81	115.98	2
2528	C6H8O2	3-hexynoic acid	---	7.69582	2104.4009	186.377	128	280	3
2529	C6H8O2	4-hexynoic acid	---	7.69582	2104.4009	186.377	128	280	3
2530	C6H8O2	5-hexynoic acid	53293-00-8	7.69582	2104.4009	186.377	128	280	3
2531	C6H8O2	4-methyl-2-pentynoic acid	---	7.69582	2104.4009	186.377	128	280	3
2532	C6H8O2	2-methyl-4-pentynoic acid	---	7.69582	2104.4009	186.377	128	280	3
2533	C6H8O2	2-hexynoic acid	764-33-0	7.69811	2158.7092	182.116	140	296	1,2
2534	C6H8O4	dimethyl maleate	624-48-6	7.80320	2194.2341	240.766	81.76	234.04	1,2
2535	C6H8S	2-ethylthiophene	872-55-9	7.05522	1450.9823	213.540	26.08	161.06	1,2
2536	C6H8S	3-ethylthiophene	1795-01-3	7.08832	1465.5984	213.160	27.56	162.01	2
2537	C6H8S	2,3-dimethylthiophene	632-16-6	7.09431	1485.8740	212.096	31.72	167.68	1,2
2538	C6H8S	2,4-dimethylthiophene	638-00-6	7.27504	1526.7111	212.267	31.03	160.72	2
2539	C6H8S	2,5-dimethylthiophene	638-02-8	7.27396	1653.4381	239.817	23.72	164.24	1,2
2540	C6H8S	3,4-dimethylthiophene	632-15-5	7.05237	1487.1590	211.450	34.27	172.78	1,2
2541	C6H9Cl	3-chloro-1,3-hexadiene	101870-06-8	6.73821	1360.6349	222.148	14.97	160.44	2
2542	C6H9Cl	1-chloro-3-methyl-1,2-pentadiene	32337-74-9	6.74761	1363.6638	222.074	15.18	160.36	2
2543	C6H9Cl	3-chloro-3-methyl-1-pentyne	14179-94-3	5.79179	1130.0709	227.625	8.21	205.36	2
2544	C6H9Cl	4-chloro-4-methyl-2-pentyne	999-79-1	6.27639	1299.3509	222.074	24.18	197.81	2
2545	C6H9Cl	6-chloro-1-hexyne	10297-06-0	6.27639	1299.3509	222.074	24.18	197.81	2
2546	C6H9Cl3	1,1,2-trichloro-1-hexene	53977-99-4	6.77003	1556.4650	206.900	62.85	226.88	2
2547	C6H9F3O2	butyl trifluoroacetate	367-64-6	7.71136	1676.2000	245.000	4.76	125.06	3
2548	C6H9N	2,4-dimethylpyrrole	625-82-1	7.52287	1739.1961	209.360	57.27	191.28	1,2
2549	C6H9N	2,5-dimethylpyrrole	625-84-3	7.71311	1800.4302	208.526	59.67	188.81	2
2550	C6H9N	1-ethyl-1H-pyrrole	617-92-5	7.34231	1563.5903	220.063	6.50	155.76	1,2
2551	C6H9N	2-ethyl-1H-pyrrole	1551-06-0	7.40486	1694.3567	210.472	54.07	190.75	1,2
2552	C6H9N	5-hexenenitrile	5048-19-1	6.93282	1553.1023	210.611	51.17	203.44	2
2553	C6H10	1-methylcyclopentene	693-89-0	6.93263	1233.9176	228.685	-20.70	100.29	1,2
2554	C6H10	3-methylcyclopentene	1120-62-3	7.29729	1452.0339	262.926	-32.35	89.90	1,2
2555	C6H10	4-methylcyclopentene	1759-81-5	7.12294	1257.3724	231.251	-25.90	87.79	1,2
2556	C6H10	cyclohexene	110-83-8	7.02290	1300.3889	230.976	-15.07	107.57	1,2
2557	C6H10	hexadiene	42296-74-2	7.58328	1440.0943	236.191	-17.44	91.00	2
2558	C6H10	1,2-hexadiene	592-44-9	7.01085	1236.5754	224.560	-18.84	98.39	1,2
2559	C6H10	1,3-hexadiene, cis and trans	592-48-3	7.64965	1471.2282	235.659	-14.41	93.64	1,2
2560	C6H10	1,cis-3-hexadiene	14596-92-0	6.94274	1211.3071	225.130	-21.30	96.95	1,2

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mmHg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
2561	C6H10	1,trans-3-hexadiene	20237-34-7	6.81903	1121.1389	211.432	-18.76	96.81	1,2
2562	C6H10	1,4-hexadiene	592-45-0	7.61371	1434.2784	237.994	-21.13	85.63	1,2
2563	C6H10	1,cis-4-hexadiene	7318-67-4	6.73839	1144.5500	226.650	-27.20	95.16	2
2564	C6H10	1,trans-4-hexadiene	7319-00-8	6.78457	1179.1705	232.009	-28.16	95.29	2
2565	C6H10	1,5-hexadiene	592-42-7	7.03615	1267.0442	245.070	-35.16	83.66	1,2
2566	C6H10	2,3-hexadiene	592-49-4	6.94918	1196.4273	226.080	-24.97	91.50	1,2
2567	C6H10	2,4-hexadiene	592-46-1	7.57750	1477.9274	233.824	-9.13	102.40	1,2
2568	C6H10	cis-2,trans-4-hexadiene	5194-50-3	7.72699	1477.1595	234.758	-15.17	90.24	2
2569	C6H10	cis-2,cis-4-hexadiene	6108-61-8	6.73114	1188.7113	223.800	-16.39	111.11	1,2
2570	C6H10	trans-2,trans-4-hexadiene	5194-51-4	7.18949	1422.2077	248.230	-44.90	106.64	1,2
2571	C6H10	3-methyl-1,2-pentadiene	7417-48-3	6.91420	1192.8792	225.700	-24.00	93.90	2
2572	C6H10	4-methyl-1,2-pentadiene	13643-05-5	6.91046	1190.9625	225.700	-24.20	93.71	1,2
2573	C6H10	2-methyl-1,3-pentadiene	1118-58-7	7.59649	1466.3542	235.103	-14.90	97.05	1,2
2574	C6H10	3-methyl-1,3-pentadiene	4549-74-0	7.61848	1476.7708	234.658	-11.53	98.20	1,2
2575	C6H10	2-methyl-1,cis-3-pentadiene	1501-60-6	7.16391	1261.8498	224.560	-19.84	92.32	2
2576	C6H10	2-methyl-1,trans-3-pentadiene	926-54-5	6.94277	1231.7421	227.689	-20.42	99.82	1,2
2577	C6H10	3-methyl-1,cis-3-pentadiene	2787-45-3	7.21071	1274.8138	224.370	-19.11	92.05	2
2578	C6H10	3-methyl-1,trans-3-pentadiene	2787-43-1	7.21071	1274.8138	224.370	-19.11	92.05	2
2579	C6H10	4-methyl-1,3-pentadiene	926-56-7	6.88751	1206.2284	224.503	-19.62	101.01	1,2
2580	C6H10	2-methyl-1,4-pentadiene	763-30-4	6.66683	1081.0985	229.500	-38.72	80.72	1,2
2581	C6H10	3-methyl-1,4-pentadiene	1115-08-8	6.90011	1143.8911	228.550	-34.67	79.09	1,2
2582	C6H10	2-methyl-2,3-pentadiene	3043-33-2	6.95004	1205.1838	225.320	-22.77	94.51	1,2
2583	C6H10	2-ethyl-1,3-butadiene	3404-63-5	7.00658	1227.8293	224.750	-20.34	96.27	1,2
2584	C6H10	2,3-dimethyl-1,3-butadiene	513-81-5	6.91604	1204.1597	229.562	-26.02	92.91	1,2
2585	C6H10	methylpentadiene, isomers	54363-49-4	7.96304	1550.0173	234.936	-12.33	89.25	2
2586	C6H10	1-hexyne	693-02-7	7.21967	1336.5565	236.713	-21.82	94.30	1,2
2587	C6H10	2-hexyne	764-35-2	6.89243	1229.1931	221.889	-13.28	109.38	1,2
2588	C6H10	3-hexyne	928-49-4	7.01524	1318.1504	237.623	-18.49	106.24	1,2
2589	C6H10	3-methyl-1-pentyne	922-59-8	6.86713	1114.1011	222.482	-32.59	79.83	1,2
2590	C6H10	4-methyl-1-pentyne	7154-75-8	6.86050	1131.8004	222.895	-29.77	84.77	1,2
2591	C6H10	4-methyl-2-pentyne	21020-27-9	6.84307	1158.6232	220.415	-22.13	96.04	1,2
2592	C6H10	3,3-dimethyl-1-butyne	917-92-0	6.73889	1009.7601	224.226	-48.28	59.65	1,2
2593	C6H10	cis-bicyclo[3.1.0]hexane	285-58-5	7.22566	1516.8313	264.059	-20.42	111.04	3
2594	C6H10	1,3-dimethylcyclobutene	7411-24-7	6.20284	1189.9527	273.150	-44.44	120.74	3
2595	C6H10Br2	trans-1,2-dibromocyclohexane	7429-37-0	9.40679	3325.7315	304.879	90.72	229.38	3
2596	C6H10ClFO2	2-chloroethyl 2-fluorobutanoate	900000-65-9	9.68820	3152.8000	273.150	89.73	211.42	3
2597	C6H10Cl2	1,1-dichlorocyclohexane	2108-92-1	6.33550	1305.2946	196.333	48.31	217.57	3
2598	C6H10Cl2	cis-1,2-dichlorocyclohexane	10498-35-8	8.75584	2575.6169	256.901	75.19	205.18	3
2599	C6H10Cl2	cis-1,2-dichloro-1-hexene	59697-55-1	8.49362	2103.2077	203.217	77.45	192.74	3
2600	C6H10Cl2	trans-1,2-dichloro-1-hexene	59697-51-7	8.49362	2103.2077	203.217	77.45	192.74	3
2601	C6H10Cl2O2	dichloroacetic acid, 2-methylpropyl ester	37079-08-6	5.75103	1427.1582	232.710	27.85	322.78	3
2602	C6H10Cl2Si	diallyldichlorosilane	3651-23-8	7.31535	1759.1500	231.340	47.21	194.24	3
2603	C6H10F2O2	2-fluoroethyl 3-fluorobutanoate	900000-66-0	9.28610	2861.0000	273.150	72.13	195.54	3
2604	C6H10O	mesityl oxide	141-79-7	7.12851	1483.4864	219.745	22.32	156.14	1,2
2605	C6H10O	diallyl ether	557-40-4	7.52099	1503.1036	229.932	0.57	116.47	1,2
2606	C6H10O	2-ethyl-1-buten-1-one	24264-08-2	5.71951	1050.7101	231.461	-8.83	182.58	2
2607	C6H10O	3-hexen-2-one	763-93-9	7.29528	1570.7625	217.144	32.37	164.72	2
2608	C6H10O	4-hexen-2-one	25659-22-7	6.88263	1427.8797	220.758	21.97	165.07	1,2
2609	C6H10O	4-hexen-3-one	2497-21-4	7.23231	1550.1699	217.561	31.17	165.15	2
2610	C6H10O	5-hexen-2-one	109-49-9	7.29919	1537.2126	220.063	23.97	153.29	1,2
2611	C6H10O	trans-3-hexen-2-one	4376-23-2	7.29528	1570.7625	217.144	32.37	164.72	2
2612	C6H10O	2-methyl-1-penten-3-one	25044-01-3	6.50960	1312.8898	223.121	15.17	171.41	2
2613	C6H10O	4-methyl-4-penten-2-one	3744-02-3	6.69607	1361.5350	218.188	20.84	169.25	2
2614	C6H10O	3-methyl-3-penten-2-one	565-62-8	7.23903	1550.3771	217.686	30.81	164.44	1,2
2615	C6H10O	1,4-hexadien-3-ol	1070-14-0	7.65459	1687.3373	219.783	33.78	157.47	2
2616	C6H10O	1,5-hexadien-3-ol	924-41-4	7.80827	1736.9344	218.951	36.17	156.49	1,2
2617	C6H10O	2,4-hexadien-1-ol	111-28-4	7.65459	1687.3373	219.783	33.78	157.47	2
2618	C6H10O	3,5-hexadien-2-ol	3280-51-1	7.65459	1687.3373	219.783	33.78	157.47	2
2619	C6H10O	trans,trans-2,4-hexadien-1-ol	17102-64-6	7.65459	1687.3373	219.783	33.78	157.47	2
2620	C6H10O	2-hexenal	505-57-7	7.97535	1778.0682	215.337	39.57	155.60	2
2621	C6H10O	trans-2-hexenal	6728-26-3	7.36233	1621.8055	215.337	39.57	172.61	1,2
2622	C6H10O	3-hexenal	4440-65-7	7.09626	1493.5191	220.619	24.37	160.92	2
2623	C6H10O	cis-3-hexenal	6789-80-6	6.84910	1413.1209	222.426	19.17	162.91	2
2624	C6H10O	trans-3-hexenal	69112-21-6	7.21883	1533.3156	219.783	26.78	160.03	2
2625	C6H10O	4-hexenal	2100-19-8	7.21883	1533.3156	219.783	26.78	160.03	2
2626	C6H10O	2-methyl-2-pentenal	623-36-9	7.39976	1599.6095	217.978	31.97	161.26	1,2
2627	C6H10O	trans-2-methyl-2-pentenal	14250-96-5	7.41237	1596.0662	218.534	30.37	158.74	2
2628	C6H10O	3-methyl-2-pentenal	3592-19-6	7.49607	1623.1729	218.020	31.85	158.22	2
2629	C6H10O	4-methyl-2-pentenal	5362-56-1	7.11625	1500.0128	220.480	24.77	160.77	2
2630	C6H10O	2-methyl-3-pentenal	---	7.49607	1623.1729	218.020	31.85	158.22	2
2631	C6H10O	3-methyl-3-pentenal	---	7.49607	1623.1729	218.020	31.85	158.22	2
2632	C6H10O	4-methyl-3-pentenal	5362-50-5	7.49607	1623.1729	218.020	31.85	158.22	2
2633	C6H10O	2-methyl-4-pentenal	---	7.49607	1623.1729	218.020	31.85	158.22	2
2634	C6H10O	3-methyl-4-pentenal	---	7.49607	1623.1729	218.020	31.85	158.22	2
2635	C6H10O	4-methyl-4-pentenal	---	7.49607	1623.1729	218.020	31.85	158.22	2
2636	C6H10O	2,2-dimethyl-2-butenal	---	7.07049	1485.1461	220.800	23.85	161.12	2
2637	C6H10O	2,3-dimethyl-2-butenal	---	7.07049	1485.1461	220.800	23.85	161.12	2
2638	C6H10O	2,2-dimethyl-3-butenal	---	7.07049	1485.1461	220.800	23.85	161.12	2
2639	C6H10O	2,3-dimethyl-3-butenal	---	7.07049	1485.1461	220.800	23.85	161.12	2
2640	C6H10O	2-ethylcrotonaldehyde	19780-25-7	7.99422	1784.1550	215.240	39.85	155.50	2

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mmHg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
2641	C6H10O	2-hexyn-1-ol	764-60-3	8.01766	1885.3200	213.342	55	177	3
2642	C6H10O	3-hexyn-1-ol	1002-28-4	8.01766	1885.3200	213.342	55	177	3
2643	C6H10O	4-hexyn-1-ol	---	8.01766	1885.3200	213.342	55	177	3
2644	C6H10O	5-hexyn-1-ol	928-90-5	8.01766	1885.3200	213.342	55	177	3
2645	C6H10O	3-hexyn-2-ol	109-50-2	8.01766	1885.3200	213.342	55	177	3
2646	C6H10O	4-hexyn-2-ol	---	8.01766	1885.3200	213.342	55	177	3
2647	C6H10O	5-hexyn-2-ol	23470-12-4	8.01766	1885.3200	213.342	55	177	3
2648	C6H10O	4-hexyn-3-ol	---	8.01766	1885.3200	213.342	55	177	3
2649	C6H10O	1-hexyn-3-ol	105-31-7	8.02303	1845.2375	216.491	46	165	1,2
2650	C6H10O	5-hexyn-3-ol	---	8.01766	1885.3200	213.342	55	177	3
2651	C6H10O	1-hexyn-4-ol	---	8.01766	1885.3200	213.342	55	177	3
2652	C6H10O	2-hexyn-4-ol	---	8.01766	1885.3200	213.342	55	177	3
2653	C6H10O	5-hexyn-4-ol	---	8.01766	1885.3200	213.342	55	177	3
2654	C6H10O	1-methyl-2-pentyn-1-ol	---	8.01766	1885.3200	213.342	55	177	3
2655	C6H10O	2-methyl-2-pentyn-1-ol	---	8.01766	1885.3200	213.342	55	177	3
2656	C6H10O	3-methyl-2-pentyn-1-ol	---	8.01766	1885.3200	213.342	55	177	3
2657	C6H10O	4-methyl-2-pentyn-1-ol	---	8.01766	1885.3200	213.342	55	177	3
2658	C6H10O	1-methyl-3-pentyn-1-ol	---	8.01766	1885.3200	213.342	55	177	3
2659	C6H10O	2-methyl-3-pentyn-1-ol	---	8.01766	1885.3200	213.342	55	177	3
2660	C6H10O	3-methyl-3-pentyn-1-ol	---	8.01766	1885.3200	213.342	55	177	3
2661	C6H10O	4-methyl-3-pentyn-1-ol	---	8.01766	1885.3200	213.342	55	177	3
2662	C6H10O	1-methyl-4-pentyn-1-ol	---	8.01766	1885.3200	213.342	55	177	3
2663	C6H10O	2-methyl-4-pentyn-1-ol	---	8.01766	1885.3200	213.342	55	177	3
2664	C6H10O	3-methyl-4-pentyn-1-ol	---	8.01766	1885.3200	213.342	55	177	3
2665	C6H10O	4-methyl-4-pentyn-1-ol	---	8.01766	1885.3200	213.342	55	177	3
2666	C6H10O	4-methyl-4-pentyn-2-ol	---	8.01766	1885.3200	213.342	55	177	3
2667	C6H10O	3-methyl-1-pentyn-3-ol	77-75-8	8.03369	1770.9355	222.329	29	143	1,2
2668	C6H10O	cyclohexanone	108-94-1	7.64127	1894.1173	243.036	42.17	181.71	1,2
2669	C6H10O2	2-hexenoic acid	1191-04-4	7.66963	1977.1944	195.877	100.57	244.69	1,2
2670	C6H10O2	trans-2-hexenoic acid	13419-69-7	7.68830	1984.4741	195.738	100.97	244.62	1,2
2671	C6H10O2	3-hexenoic acid	4219-24-3	7.68670	1952.5859	198.240	93.77	235.20	1,2
2672	C6H10O2	trans-3-hexenoic acid	1577-18-0	7.34618	1853.1502	198.240	93.77	246.76	2
2673	C6H10O2	4-hexenoic acid	---	7.34618	1853.1502	198.240	93.77	246.76	2
2674	C6H10O2	5-hexenoic acid	1577-22-6	7.16688	1784.6967	199.630	89.77	248.22	2
2675	C6H10O2	2-methyl-2-pentenoic acid	3142-72-1	7.12723	1769.5428	199.950	88.85	248.56	2
2676	C6H10O2	trans-2-methyl-2-pentenoic acid	16957-70-3	7.57736	1941.2579	196.572	98.57	245.07	2
2677	C6H10O2	cis-3-methyl-2-pentenoic acid	19866-51-4	7.12723	1769.5428	199.950	88.85	248.56	2
2678	C6H10O2	4-methyl-2-pentenoic acid	10321-71-8	7.70014	1987.9874	195.738	100.97	244.25	2
2679	C6H10O2	2-methyl-3-pentenoic acid	37674-63-8	7.03137	1732.8869	200.742	86.57	249.41	2
2680	C6H10O2	2-methylenepentanoic acid	5650-75-9	7.57736	1941.2579	196.572	98.57	245.07	2
2681	C6H10O2	2-methyl-4-pentenoic acid	1575-74-2	7.12723	1769.5428	199.950	88.85	248.56	2
2682	C6H10O2	2,3-dimethyl-2-butenic acid	---	6.60539	1569.5336	204.634	75.37	253.82	2
2683	C6H10O2	2,2-dimethyl-3-butenic acid	10276-09-2	7.68238	1871.0954	204.634	75.37	211.12	1,2
2684	C6H10O2	2,3-dimethyl-3-butenic acid	---	6.60539	1569.5336	204.634	75.37	253.82	2
2685	C6H10O2	2-ethyl-2-butenic acid	---	7.38345	1867.3653	197.962	94.57	246.48	2
2686	C6H10O2	trans-2-ethyl-2-butenic acid	1187-13-9	7.68688	1956.1290	197.962	94.57	236.25	1,2
2687	C6H10O2	3-ethyl-2-butenic acid	---	7.38345	1867.3653	197.962	94.57	246.48	2
2688	C6H10O2	epsilon-caprolactone	502-44-3	15.96334	5524.3311	268.612	100.58	163.60	3
2689	C6H10O2	ethyl methacrylate	97-63-2	7.12061	1477.1489	229.851	11.49	145.18	1,2
2690	C6H10O2	propyl acrylate	925-60-0	7.32824	1541.6472	222.982	20.63	148.82	2
2691	C6H10O2	2-buten-1-yl acetate	628-08-0	8.04113	1770.1145	219.368	32.03	144.91	2
2692	C6H10O2	allyl propanoate	2408-20-0	7.54744	1612.4443	221.870	24.40	147.48	2
2693	C6H10O2	ethyl 3-butenate	1617-18-1	7.32824	1541.6472	222.982	20.63	148.82	2
2694	C6H10O2	ethyl cis-2-butenate	6776-19-8	8.26074	1839.4653	218.256	35.09	143.92	2
2695	C6H10O2	ethyl 2-butenate	10544-63-5	8.28820	1848.1027	218.117	35.46	143.80	2
2696	C6H10O2	ethyl trans-2-butenate	623-70-1	7.38585	1622.9412	217.700	36.45	168.35	1,2
2697	C6H10O2	vinyl butanoate	123-20-6	7.63127	1612.6446	223.622	19.57	138.82	1,2
2698	C6H10O2	vinyl 2-methylpropanoate	2424-98-8	6.53473	1281.3158	227.013	4.49	155.14	2
2699	C6H10O2	methyl 2-methyl-2-butenate	6622-76-0	8.42602	1891.3495	217.422	37.22	143.23	2
2700	C6H10O2	methyl 3-methyl-2-butenate	924-50-5	8.28820	1848.1027	218.117	35.46	143.80	2
2701	C6H10O2	isopropyl acrylate	689-12-3	6.79538	1366.7331	225.484	10.35	152.74	2
2702	C6H10O2	methyl trans-2-pentenoate	15790-88-2	10.17157	2439.9591	211.009	55.03	138.07	2
2703	C6H10O2	methyl trans-3-pentenoate	20515-19-9	10.17157	2439.9591	211.009	55.03	138.07	2
2704	C6H10O2	allyl glycidyl ether	106-92-3	7.23460	1570.7458	206.887	40.10	180.69	1,2
2705	C6H10O2	2,4-hexanedione	3002-24-2	7.45629	1691.2527	211.584	50.37	184.08	1,2
2706	C6H10O2	3,4-hexanedione	4437-51-8	7.62317	1631.2498	219.924	26.37	147.36	1,2
2707	C6H10O2	2,5-hexanedione	110-13-4	10.84115	2752.5925	202.132	77.57	157.25	3
2708	C6H10O2	2,3-hexanedione	3848-24-6	7.34262	1555.1974	220.508	24.69	153.27	1,2
2709	C6H10O2	3-methyl-2,4-pentanedione, tautomers	815-57-6	7.32193	1694.0069	208.387	59.57	200.78	1,2
2710	C6H10O3	ethylacetoacetate	141-97-9	7.65950	1957.8219	228.899	65.09	208.34	1,2
2711	C6H10O3	propionic anhydride	123-62-6	11.30942	7068.2963	671.608	14.01	198.06	1,2
2712	C6H10O4	adipic acid	124-04-9	8.55867	2983.5787	188.477	206.25	366.42	1,2
2713	C6H10O4	diethyl oxalate	95-92-1	7.92606	1929.4160	196.963	81.61	209.73	1,2
2714	C6H10O4	ethylene glycol diacetate	111-55-7	7.48869	1836.2705	208.007	74.99	218.35	1,2
2715	C6H10O4	ethylidene diacetate	542-10-9	6.99430	1371.3343	164.375	64.40	195.32	1,2
2716	C6H10O4	2,3-dimethylbutanedioic acid	13545-04-5	9.27444	3041.8150	164.366	203.25	334.90	3
2717	C6H10O4	dimethyl succinate	106-65-0	8.04681	2334.2463	255.648	75.60	224.16	1,2
2718	C6H10O4	3-methylglutaric acid	626-51-7	9.50682	3145.0051	163.254	206.45	333.98	3
2719	C6H10O4	2,2-dimethylsuccinic acid	597-43-3	9.27444	3041.8150	164.366	203.25	334.90	3
2720	C6H10O4	2-methylglutaric acid	18069-17-5	9.50682	3145.0051	163.254	206.45	333.98	3

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mmHg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
2721	C6H10O4	n-propylmalonic acid	616-62-6	9.50682	3145.0051	163.254	206.45	333.98	3
2722	C6H10S	diallyl sulfide	592-88-1	7.09460	1520.0475	222.682	26.73	165.80	1,2
2723	C6H11Br	1-bromo-1-hexene	57855-22-8	7.59782	1679.2403	217.144	37.37	163.12	2
2724	C6H11Br	cis-1-bromo-1-hexene	13154-12-6	7.43919	1622.7692	217.144	34.87	164.02	2
2725	C6H11Br	trans-1-bromo-1-hexene	13154-13-7	7.43919	1622.7692	217.144	34.87	164.02	2
2726	C6H11Br	2-bromo-1-hexene	3017-66-1	7.64505	1694.7302	216.866	38.17	162.84	2
2727	C6H11Br	3-bromo-1-hexene	---	7.69304	1710.4627	216.588	38.97	162.57	2
2728	C6H11Br	4-bromo-1-hexene	---	7.74181	1726.4437	216.310	39.77	162.30	2
2729	C6H11Br	5-bromo-1-hexene	4558-27-4	7.79136	1742.6793	216.032	40.57	162.03	2
2730	C6H11Br	6-bromo-1-hexene	2695-47-8	6.71498	1469.4592	215.754	41.37	200.15	1,2
2731	C6H11Br	1-bromo-2-hexene	34686-76-5	7.89294	1775.9397	215.476	42.17	161.49	2
2732	C6H11Br	2-bromo-2-hexene	---	7.94500	1792.9777	215.198	42.97	161.23	2
2733	C6H11Br	3-bromo-2-hexene	---	7.99793	1810.2966	214.920	43.77	160.97	2
2734	C6H11Br	4-bromo-2-hexene	21964-21-6	8.05176	1827.9036	214.642	44.57	160.70	2
2735	C6H11Br	5-bromo-2-hexene	---	8.10652	1845.8061	214.364	45.37	160.44	2
2736	C6H11Br	6-bromo-2-hexene	36851-77-1	8.16222	1864.0118	214.086	46.17	160.19	2
2737	C6H11Br	5-bromo-2-methyl-2-pentene	2270-59-9	7.39701	1655.5468	213.530	45.27	179.23	1,2
2738	C6H11Br3	1,1,1-tribromohexane	62127-63-3	7.40129	1970.7545	187.398	120.47	279.67	2
2739	C6H11Cl	1-chloro-1-hexene	22922-67-4	6.85833	1421.2097	222.426	20.17	164.14	2
2740	C6H11Cl	cis-1-chloro-1-hexene	50586-18-0	6.86924	1424.7760	222.343	20.41	164.05	2
2741	C6H11Cl	trans-1-chloro-1-hexene	50586-19-1	6.86924	1424.7760	222.343	20.41	164.05	2
2742	C6H11Cl	2-chloro-1-hexene	10124-73-9	6.58330	1331.1719	224.650	13.77	166.70	2
2743	C6H11Cl	3-chloro-1-hexene	---	6.61608	1341.9187	224.372	14.57	166.38	2
2744	C6H11Cl	4-chloro-1-hexene	---	6.64930	1352.8047	224.094	15.37	166.05	2
2745	C6H11Cl	5-chloro-1-hexene	927-54-8	6.84747	1417.6578	222.510	19.93	164.23	2
2746	C6H11Cl	6-chloro-1-hexene	---	6.88386	1429.5537	222.232	20.73	163.92	2
2747	C6H11Cl	1-chloro-2-hexene	---	6.92078	1441.6128	221.954	21.53	163.61	2
2748	C6H11Cl	2-chloro-2-hexene	---	6.93195	1445.2628	221.870	21.77	163.52	2
2749	C6H11Cl	3-chloro-2-hexene	51687-81-1	7.85723	1674.2772	221.592	22.57	136.51	1,2
2750	C6H11Cl	4-chloro-2-hexene	6734-98-1	6.93195	1445.2628	221.870	21.77	163.52	2
2751	C6H11Cl	5-chloro-2-hexene	---	6.96955	1457.5391	221.592	22.57	163.22	2
2752	C6H11Cl	6-chloro-2-hexene	---	7.00769	1469.9866	221.314	23.37	162.91	2
2753	C6H11Cl	1-chloro-2,3-dimethyl-2-butene	37866-06-1	6.55095	1320.5617	224.928	12.97	167.03	2
2754	C6H11Cl	1-chloro-3-hexene	62706-16-5	6.96955	1457.5391	221.592	22.57	163.22	2
2755	C6H11Cl	cis-3-chloro-3-hexene	17226-34-5	7.28626	1511.8978	223.538	16.97	144.82	1,2
2756	C6H11Cl	3-chloro-2-methyl-1-pentene	4104-01-2	6.85833	1421.2097	222.426	20.17	164.14	2
2757	C6H11Cl	5-chloro-2-methyl-2-pentene	7712-60-9	7.33368	1576.2008	219.090	29.77	160.55	2
2758	C6H11Cl	chlorocyclohexane	542-18-7	8.42458	1862.5891	221.095	29.77	134.18	3
2759	C6H11ClO	2-ethylbutanoyl chloride	2736-40-5	6.51092	1635.2155	273.150	23.57	218.04	3
2760	C6H11ClO2	sec-butyl chloroacetate	17696-64-9	6.26108	1459.4254	224.610	16.85	249.35	3
2761	C6H11ClO2	isobutyl chloroacetate	13361-35-8	5.77178	1197.2880	207.010	19.85	255.27	3
2762	C6H11Cl3	1,1,1-trichlorohexane	17760-40-6	6.87588	1606.5622	205.746	67.67	229.16	2
2763	C6H11F	1-fluoro-1-hexene	---	7.18233	1416.7004	231.183	-2.03	122.95	2
2764	C6H11F	cis-1-fluoro-1-hexene	66225-46-5	7.18233	1416.7004	231.183	-2.03	122.95	2
2765	C6H11F	trans-1-fluoro-1-hexene	66225-47-6	7.18233	1416.7004	231.183	-2.03	122.95	2
2766	C6H11F	2-fluoro-1-hexene	---	7.18233	1416.7004	231.183	-2.03	122.95	2
2767	C6H11F	3-fluoro-1-hexene	---	7.18233	1416.7004	231.183	-2.03	122.95	2
2768	C6H11F	4-fluoro-1-hexene	---	7.18233	1416.7004	231.183	-2.03	122.95	2
2769	C6H11F	5-fluoro-1-hexene	---	7.18233	1416.7004	231.183	-2.03	122.95	2
2770	C6H11F	6-fluoro-1-hexene	---	7.18233	1416.7004	231.183	-2.03	122.95	2
2771	C6H11F	1-fluoro-2-hexene	---	7.18233	1416.7004	231.183	-2.03	122.95	2
2772	C6H11F	2-fluoro-2-hexene	---	7.18233	1416.7004	231.183	-2.03	122.95	2
2773	C6H11F	3-fluoro-2-hexene	---	7.18233	1416.7004	231.183	-2.03	122.95	2
2774	C6H11F	4-fluoro-2-hexene	---	7.18233	1416.7004	231.183	-2.03	122.95	2
2775	C6H11F	5-fluoro-2-hexene	---	7.18233	1416.7004	231.183	-2.03	122.95	2
2776	C6H11F	6-fluoro-2-hexene	---	7.18233	1416.7004	231.183	-2.03	122.95	2
2777	C6H11FO2	6-fluorohexanoic acid	373-05-7	13.30957	4225.2100	273.150	70.10	144.04	3
2778	C6H11F3	1,1,1-trifluorohexane	17337-12-1	6.30213	1116.9332	228.550	-17.89	129.41	3
2779	C6H11I	1-iodo-1-hexene	---	8.74440	2111.8688	208.526	64.17	171.13	2
2780	C6H11I	cis-1-iodo-1-hexene	16538-47-9	8.74440	2111.8688	208.526	64.17	171.13	2
2781	C6H11I	trans-1-iodo-1-hexene	16644-98-7	8.74440	2111.8688	208.526	64.17	171.13	2
2782	C6H11I	2-iodo-1-hexene	---	8.75739	2116.2221	208.471	64.33	171.08	2
2783	C6H11I	3-iodo-1-hexene	---	8.77043	2120.5912	208.415	64.49	171.03	2
2784	C6H11I	4-iodo-1-hexene	---	8.78352	2124.9761	208.360	64.65	170.99	2
2785	C6H11I	5-iodo-1-hexene	---	8.79666	2129.3769	208.304	64.81	170.94	2
2786	C6H11I	6-iodo-1-hexene	---	8.80985	2133.7937	208.248	64.97	170.89	2
2787	C6H11I	1-iodo-2-hexene	---	8.82308	2138.2266	208.193	65.13	170.84	2
2788	C6H11I	2-iodo-2-hexene	---	8.83637	2142.6756	208.137	65.29	170.79	2
2789	C6H11I	3-iodo-2-hexene	---	8.84970	2147.1410	208.082	65.45	170.75	2
2790	C6H11I	4-iodo-2-hexene	---	8.86309	2151.6226	208.026	65.61	170.70	2
2791	C6H11I	5-iodo-2-hexene	---	8.87652	2156.1208	207.970	65.77	170.65	2
2792	C6H11I	6-iodo-2-hexene	---	8.89000	2160.6354	207.915	65.93	170.60	2
2793	C6H11I3	1,1,1-triiodohexane	---	15.87723	5590.3884	161.622	214.15	278.73	2
2794	C6H11N	hexanenitrile	628-73-9	7.24869	1626.7430	210.584	49.75	189.42	1,2
2795	C6H11N	2-methylpentanenitrile	6339-13-5	7.15748	1549.6419	215.198	36.47	174.59	1,2
2796	C6H11N	2-ethylbutanenitrile	617-80-1	7.20617	1555.4176	215.754	34.87	170.75	1,2
2797	C6H11N	3-methylpentanenitrile	21101-88-2	7.21462	1583.4860	213.530	41.27	179.12	1,2
2798	C6H11N	4-methylpentanenitrile	542-54-1	7.46940	1651.7819	213.252	42.07	172.00	2
2799	C6H11N	2,2-dimethylbutanenitrile	20654-46-0	6.53629	1341.2886	220.202	22.07	179.65	2
2800	C6H11N	2,3-dimethylbutanenitrile	20654-44-8	6.50515	1330.8715	220.480	21.27	179.99	2

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mmHg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
2801	C6H11N	3,3-dimethylbutanenitrile	3302-16-7	6.74793	1411.4212	218.256	27.30	177.53	2
2802	C6H11N	N-allyl-2-propen-1-amine	124-02-7	7.52803	1562.6554	225.206	14.17	134.34	1,2
2803	C6H11N	1-isocyanopentane	18971-59-0	7.97510	1831.6993	212.835	49.77	169.31	3
2804	C6H11NO	epsilon-caprolactam	105-60-2	11.03827	3209.1310	181.499	138.19	226.97	3
2805	C6H11NO	cyclohexanone oxime	100-64-1	7.40823	1820.8016	194.123	90.00	236.70	1,2
2806	C6H11NO	1-isocyanato-3-methylbutane	1611-65-0	7.10615	1562.8586	217.978	37.97	180.27	2
2807	C6H11NO	pentyl isocyanate	3954-13-0	7.08707	1556.3873	218.117	37.57	180.42	2
2808	C6H12	1-methyl-1-ethylcyclopropane	53778-43-1	7.11565	1290.8190	240.282	-29.21	87.85	2
2809	C6H12	1-methyl-cis-2-ethylcyclopropane	19781-68-1	7.50451	1407.6645	237.436	-21.02	88.21	1,2
2810	C6H12	1-methyl-trans-2-ethylcyclopropane	19781-69-2	7.48354	1374.8662	239.757	-27.70	79.85	1,2
2811	C6H12	1,1,2-trimethylcyclopropane	4127-45-1	7.47263	1351.5368	241.486	-32.68	73.50	1,2
2812	C6H12	1,cis-2,cis-3-trimethylcyclopropane	4806-58-0	7.58268	1421.1108	237.716	-21.83	85.20	2
2813	C6H12	1,cis-2,trans-3-trimethylcyclopropane	4806-59-1	7.49703	1381.2536	239.468	-26.87	80.62	1,2
2814	C6H12	propylcyclopropane	2415-72-7	7.50589	1415.2308	236.841	-19.31	90.45	1,2
2815	C6H12	isopropylcyclopropane	3638-35-5	7.49182	1375.4700	239.851	-27.97	79.28	1,2
2816	C6H12	1,1-dimethylcyclobutane	18931-71-0	6.89264	1223.7026	240.496	-32.83	89.27	2
2817	C6H12	1,cis-2-dimethylcyclobutane	15679-01-3	7.46575	1383.2202	237.160	-23.23	85.73	2
2818	C6H12	1,trans-2-dimethylcyclobutane	15679-02-4	7.44266	1351.3763	239.384	-29.63	77.78	1,2
2819	C6H12	1,cis-3-dimethylcyclobutane	2398-09-6	7.28045	1318.9912	239.245	-29.23	82.57	1,2
2820	C6H12	1,trans-3-dimethylcyclobutane	2398-10-9	6.95802	1241.9451	240.079	-31.63	88.81	2
2821	C6H12	ethylcyclobutane	4806-61-5	7.29166	1354.5156	236.438	-21.15	93.14	1,2
2822	C6H12	methylcyclopentane	96-37-7	7.06199	1304.0792	240.043	-24.92	96.05	1,2
2823	C6H12	cyclohexane	110-82-7	6.88938	1200.8256	218.815	-14.92	105.07	1,2
2824	C6H12	1-hexene	592-41-6	7.05568	1266.9812	239.628	-30.41	87.43	1,2
2825	C6H12	2-hexene	592-43-8	7.33327	1358.0448	237.160	-22.73	89.97	1,2
2826	C6H12	cis-2-hexene	7688-21-3	7.09973	1315.6405	242.963	-27.27	92.84	1,2
2827	C6H12	trans-2-hexene	4050-45-7	7.01030	1252.8438	235.520	-27.07	91.73	1,2
2828	C6H12	hex-3-ene	592-47-2	7.32468	1352.2408	237.494	-23.69	88.91	1,2
2829	C6H12	cis-3-hexene	7642-09-3	7.07141	1279.5243	238.882	-28.14	90.08	1,2
2830	C6H12	trans-3-hexene	13269-52-8	7.05884	1263.9318	235.469	-26.86	90.54	1,2
2831	C6H12	2-methyl-1-pentene	763-29-1	6.96749	1218.0900	235.963	-31.84	85.80	1,2
2832	C6H12	3-methyl-1-pentene	760-20-3	7.07154	1245.5367	243.032	-37.89	77.18	1,2
2833	C6H12	4-methyl-1-pentene	691-37-2	7.00315	1215.1496	240.912	-38.49	77.08	1,2
2834	C6H12	4-methyl-2-pentene	4461-48-7	7.31460	1318.4416	240.163	-31.37	78.86	1,2
2835	C6H12	cis-4-methyl-2-pentene	691-38-3	6.98469	1204.5931	237.146	-35.87	79.62	1,2
2836	C6H12	trans-4-methyl-2-pentene	674-76-0	7.01711	1227.6410	238.197	-34.17	81.90	1,2
2837	C6H12	2-methyl-2-pentene	625-27-4	6.98660	1245.7215	236.107	-28.02	91.31	1,2
2838	C6H12	3-methyl-2-pentene	922-61-2	7.32581	1356.1142	237.188	-22.81	90.06	1,2
2839	C6H12	cis-3-methyl-2-pentene	922-62-3	7.05827	1283.1874	239.469	-27.66	91.55	1,2
2840	C6H12	trans-3-methyl-2-pentene	616-12-6	6.93399	1198.8413	225.338	-23.31	94.17	1,2
2841	C6H12	2,3-dimethyl-1-butene	563-78-0	6.99600	1225.8374	242.271	-37.83	79.12	1,2
2842	C6H12	2,3-dimethyl-2-butene	563-79-1	6.88803	1197.5694	225.653	-22.26	97.47	1,2
2843	C6H12	3,3-dimethyl-1-butene	558-37-2	6.91649	1115.9799	235.289	-46.67	63.53	1,2
2844	C6H12	2-ethyl-1-butene	760-21-4	6.96578	1233.9880	237.411	-30.57	88.70	1,2
2845	C6H12BCl3O3	tris(2-chloroethyl)borate	22238-19-3	8.41440	3012.0000	273.150	116.85	302.48	3
2846	C6H12Br2	1,1-dibromohexane	58133-26-9	7.36402	1825.6998	199.908	86.97	236.63	2
2847	C6H12Br2	1,2-dibromohexane	624-20-4	7.40223	1840.0040	199.630	87.77	236.35	2
2848	C6H12Br2	1,3-dibromohexane	---	7.44096	1854.4963	199.352	88.57	236.07	2
2849	C6H12Br2	1,4-dibromohexane	25118-28-9	7.48021	1869.1806	199.074	89.37	235.78	2
2850	C6H12Br2	1,5-dibromohexane	627-96-3	7.52000	1884.0608	198.796	90.17	235.50	2
2851	C6H12Br2	1,6-dibromohexane	629-03-8	6.46217	1581.2341	198.518	90.97	283.52	1,2
2852	C6H12Br2	2,2-dibromohexane	116530-77-9	7.00810	1692.2310	202.688	78.97	239.58	2
2853	C6H12Br2	2,3-dibromohexane	6423-02-5	7.14501	1743.6233	201.576	82.17	238.38	2
2854	C6H12Br2	2,4-dibromohexane	---	7.18034	1756.8736	201.298	82.97	238.09	2
2855	C6H12Br2	2,5-dibromohexane	24774-58-1	7.57371	1906.4435	198.240	91.77	235.84	1,2
2856	C6H12Br2	2,5-dibromohexane, (R*,R**)-(±)-	54462-68-9	7.60123	1914.4251	198.240	91.77	234.95	2
2857	C6H12Br2	3,4-dibromohexane	16230-28-7	7.60123	1914.4251	198.240	91.77	234.95	2
2858	C6H12Br2	1,2-dibromo-2,3-dimethylbutane	29916-45-8	7.40223	1840.0040	199.630	87.77	236.35	2
2859	C6H12Br2	1,2-dibromo-3,3-dimethylbutane	640-21-1	7.40223	1840.0040	199.630	87.77	236.35	2
2860	C6H12Br2	1,4-dibromo-2,3-dimethylbutane	54462-70-3	7.40223	1840.0040	199.630	87.77	236.35	2
2861	C6H12Br2	1,5-dibromo-3-methylpentane	4457-72-1	6.60282	1610.2510	199.630	87.77	271.07	1,2
2862	C6H12Br2	2,3-dibromo-2,3-dimethylbutane	594-81-0	7.12446	1726.9622	199.630	82.35	238.39	2
2863	C6H12ClF	1-chloro-6-fluorohexane	1550-09-0	7.93085	1865.3027	209.360	59.77	183.42	2
2864	C6H12ClNO	4-(2-chloroethyl)morpholine	3240-94-6	8.91971	2808.7000	273.150	81.50	216.35	3
2865	C6H12Cl2	1,1-dichlorohexane	62017-16-7	7.38933	1738.1667	210.472	61.57	202.64	2
2866	C6H12Cl2	1,2-dichlorohexane	2162-92-7	7.77787	1875.7092	207.970	68.77	200.15	2
2867	C6H12Cl2	1,3-dichlorohexane	56375-88-3	7.82846	1884.0824	205.746	70.17	199.73	2
2868	C6H12Cl2	1,4-dichlorohexane	50636-35-3	8.22972	2024.9878	203.522	76.57	197.63	2
2869	C6H12Cl2	1,5-dichlorohexane	---	8.68675	2185.0994	201.298	82.97	195.64	2
2870	C6H12Cl2	1,6-dichlorohexane	2163-00-0	7.86753	2011.6522	199.352	93.57	229.97	1,2
2871	C6H12Cl2	2,2-dichlorohexane	42131-89-5	7.51549	1773.9214	207.692	64.57	201.64	2
2872	C6H12Cl2	2,3-dichlorohexane	54305-87-2	7.36918	1731.0240	210.611	61.17	202.78	2
2873	C6H12Cl2	2,4-dichlorohexane	---	7.41126	1737.1787	208.387	62.57	202.35	2
2874	C6H12Cl2	2,5-dichlorohexane	---	7.75861	1859.5186	206.163	68.97	200.13	2
2875	C6H12Cl2	2,5-dichlorohexane, (R*,R*)-(±)-	41761-12-0	7.96798	1942.8686	206.858	71.97	199.08	2
2876	C6H12Cl2	2,5-dichlorohexane, (R*,S*)-	41761-11-9	7.64565	1819.7658	206.858	66.97	200.81	2
2877	C6H12Cl2	1,1-dichloro-3,3-dimethylbutane	6130-96-7	7.92458	1825.7641	214.934	48.73	170.03	1,2
2878	C6H12Cl2	2,2-dichloro-3,3-dimethylbutane	594-84-3	6.58528	1444.7118	214.934	43.73	209.55	2
2879	C6H12Cl2O	2,2'-dichlorodiisopropyl ether	108-60-1	6.05642	1461.9468	218.157	70.97	290.42	3
2880	C6H12Cl2O2	1,1-bis(2-chloroethoxy)ethane	14689-97-5	6.29731	1724.1992	237.030	55.85	316.40	3

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mmHg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
2881	C6H12Cl3O4P	tris(2-chloroethyl) phosphate	115-96-8	6.05913	1917.0000	273.150	105.77	393.10	3
2882	C6H12CuN2S4	copper dimethyldithiocarbamate	137-29-1	14.05900	7698.0000	273.150	316.33	434.57	3
2883	C6H12F2	1,1-difluorohexane	62127-41-7	6.88127	1388.1217	229.654	6.37	145.57	3
2884	C6H12F2	1,2-difluorohexane	---	6.91923	1400.1715	229.376	7.17	145.26	3
2885	C6H12F2	1,3-difluorohexane	---	6.95775	1412.3926	229.098	7.97	144.96	3
2886	C6H12F2	1,4-difluorohexane	---	6.99683	1424.7887	228.820	8.77	144.65	3
2887	C6H12F2	1,5-difluorohexane	---	7.03650	1437.3639	228.542	9.57	144.35	3
2888	C6H12F2	1,6-difluorohexane	---	7.07675	1450.1220	228.264	10.37	144.05	3
2889	C6H12F2	2,2-difluorohexane	---	6.52973	1276.2849	232.434	-1.63	148.79	3
2890	C6H12F2	2,3-difluorohexane	---	6.56274	1286.8079	232.156	-0.83	148.46	3
2891	C6H12F2	2,4-difluorohexane	---	6.59620	1297.4698	231.878	-0.03	148.13	3
2892	C6H12F2	2,5-difluorohexane	---	6.63012	1308.2733	231.600	0.77	147.80	3
2893	C6H12F2	1,1-difluoro-3,3-dimethylbutane	---	6.69938	1330.3171	231.044	2.37	147.15	3
2894	C6H12F2	2,2-difluoro-3,3-dimethylbutane	---	6.37111	1225.6569	233.824	-5.63	150.48	3
2895	C6H12F4N2	N,N,N,N-tetrafluoro-2-methyl-1,2-pentanediamine	16096-76-7	7.05942	1499.8200	215.110	32.41	171.68	3
2896	C6H12I2	1,1-diiodohexane	66225-50-1	6.96597	1914.4885	184.452	136.45	321.47	2
2897	C6H12I2	1,2-diiodohexane	---	7.02413	1939.4415	183.896	138.05	320.87	2
2898	C6H12I2	1,3-diiodohexane	---	7.08358	1964.9319	183.340	139.65	320.27	2
2899	C6H12I2	1,4-diiodohexane	---	7.14436	1990.9776	182.784	141.25	319.67	2
2900	C6H12I2	1,5-diiodohexane	---	7.20651	2017.5976	182.228	142.85	319.08	2
2901	C6H12I2	1,6-diiodohexane	629-09-4	6.69309	1797.2034	187.232	128.45	324.61	2
2902	C6H12I2	2,2-diiodohexane	---	6.74540	1819.7148	186.676	130.05	323.97	2
2903	C6H12I2	2,3-diiodohexane	---	6.79881	1842.6842	186.120	131.65	323.34	2
2904	C6H12I2	2,4-diiodohexane	---	6.85335	1866.1260	185.564	133.25	322.71	2
2905	C6H12I2	2,5-diiodohexane	---	6.90905	1890.0555	185.008	134.85	322.09	2
2906	C6H12I2	1,1-diiodo-3,3-dimethylbutane	---	6.44688	1691.0454	190.012	120.45	327.91	2
2907	C6H12I2	2,2-diiodo-3,3-dimethylbutane	---	6.49418	1711.4659	189.456	122.05	327.24	2
2908	C6H12N2	triethylenediamine	280-57-9	7.14935	1499.9346	177.393	66.52	200.66	1,2
2909	C6H12N2NiS4	bis(dimethyldithio-carbamate)nickel	15521-65-0	12.47300	7307.0000	273.150	363.74	513.30	3
2910	C6H12N2O4	1,6-dinitrohexane	4286-47-9	8.03572	2275.4596	183.645	139.77	285.15	3
2911	C6H12N2O4	2,3-dimethyl-2,3-dinitrobutane	3964-18-9	8.21960	2356.6292	183.645	142.78	284.15	3
2912	C6H12O	butyl vinyl ether	111-34-2	7.58994	1524.9662	229.982	1.43	115.96	1,2
2913	C6H12O	sec-butyl vinyl ether	1888-85-3	6.85067	1314.7410	233.546	-8.83	124.81	2
2914	C6H12O	tert-butyl vinyl ether	926-02-3	6.62647	1246.7365	235.214	-13.63	126.72	2
2915	C6H12O	isobutyl vinyl ether	109-53-5	7.58410	1486.4293	232.990	-7.23	104.66	1,2
2916	C6H12O	3-(1-methylethoxy)-1-propene	6140-80-3	7.58433	1488.1991	232.851	-6.83	105.18	1,2
2917	C6H12O	3-propoxy-1-propene	1471-03-0	7.58768	1514.7478	230.766	-0.83	113.04	1,2
2918	C6H12O	1-methylcyclopentanol	1462-03-9	8.20333	1883.1401	218.256	43.17	156.76	1,2
2919	C6H12O	cis-2-methylcyclopentanol	25144-05-2	7.94760	1861.6191	214.781	53.17	175.84	2
2920	C6H12O	trans-2-methylcyclopentanol	25144-04-1	8.62480	2051.0344	214.225	54.77	162.60	1,2
2921	C6H12O	3-methylcyclopentanol	18729-48-1	7.94760	1861.6191	214.781	53.17	175.84	2
2922	C6H12O	cyclohexanol	108-93-0	7.19276	1415.2661	168.370	60.17	184.48	1,2
2923	C6H12O	hexanal	66-25-1	7.16510	1471.3075	214.570	24.08	154.80	1,2
2924	C6H12O	2-methylpentanal	123-15-9	7.61258	1616.6855	223.816	20.67	141.06	1,2
2925	C6H12O	3-methylpentanal	15877-57-3	7.98898	1734.2469	221.870	26.27	138.89	2
2926	C6H12O	4-methylpentanal	1119-16-0	7.72834	1652.3625	223.233	22.35	140.20	2
2927	C6H12O	2-ethylbutanal	97-96-1	7.71217	1644.5378	223.538	21.47	139.47	1,2
2928	C6H12O	2,2-dimethylbutanal	2094-75-9	7.75465	1609.1082	227.152	11.07	124.73	1,2
2929	C6H12O	2,3-dimethylbutanal	2109-98-0	7.37752	1541.9050	225.262	16.51	142.24	2
2930	C6H12O	3,3-dimethylbutanal	2987-16-8	7.37752	1541.9050	225.262	16.51	142.24	2
2931	C6H12O	2-hexanone	591-78-6	6.89785	1228.1613	178.888	29.35	151.62	1,2
2932	C6H12O	3-hexanone	589-38-8	7.40535	1559.0702	221.731	21.67	147.41	1,2
2933	C6H12O	3-methyl-2-pentanone	565-61-7	7.39614	1536.4623	223.427	16.79	141.16	1,2
2934	C6H12O	3-methyl-2-pentanone, (±)	55156-16-6	7.59969	1585.7033	223.399	16.87	135.53	2
2935	C6H12O	4-methyl-2-pentanone	108-10-1	7.37701	1527.2068	223.816	15.67	140.22	1,2
2936	C6H12O	2-ethyltetrahydrofuran	1003-30-1	7.45133	1511.7562	225.762	8.57	128.32	1,2
2937	C6H12O	3-ethyltetrahydrofuran	93716-28-0	7.66987	1587.3385	223.816	14.17	129.87	2
2938	C6H12O	2,2-dimethyltetrahydrofuran	1003-17-4	7.26031	1412.0914	230.433	-4.87	115.80	1,2
2939	C6H12O	2,3-dimethyltetrahydrofuran	---	6.82261	1327.4962	229.140	-1.15	135.48	2
2940	C6H12O	2,4-dimethyltetrahydrofuran	64265-26-5	6.85127	1336.3230	228.932	-0.55	135.25	2
2941	C6H12O	2,5-dimethyltetrahydrofuran	1003-38-9	7.23592	1407.5679	230.349	-4.63	116.85	1,2
2942	C6H12O	3,3-dimethyltetrahydrofuran	15833-75-7	6.90565	1353.0566	228.542	0.57	134.81	2
2943	C6H12O	3,4-dimethyltetrahydrofuran	32970-37-9	7.26878	1467.3410	225.901	8.17	133.13	1,2
2944	C6H12O	3,3-dimethyl-2-butanone	75-97-8	7.38261	1496.2296	226.513	7.91	129.67	1,2
2945	C6H12O	2,2-dimethyl-3-butanone	---	7.81872	1654.4157	222.409	20.22	134.39	2
2946	C6H12O	ethyl isopropyl ketone	565-69-5	7.30385	1501.1296	224.539	13.59	139.64	1,2
2947	C6H12O	2-hexen-1-ol	2305-21-7	8.13635	1915.6262	211.862	56.57	174.78	2
2948	C6H12O	cis-2-hexen-1-ol	928-94-9	7.83106	1827.5811	212.140	55.40	180.95	1,2
2949	C6H12O	trans-2-hexen-1-ol	928-95-0	7.78088	1817.4948	211.862	54.63	183.33	1,2
2950	C6H12O	3-hexen-1-ol	544-12-7	8.00413	1870.9953	212.557	54.57	175.43	2
2951	C6H12O	cis-3-hexen-1-ol	928-96-1	7.79043	1811.1923	212.557	22.55	180.45	1,2
2952	C6H12O	trans-3-hexen-1-ol	928-97-2	7.90599	1844.7772	212.557	54.57	177.94	1,2
2953	C6H12O	4-hexen-1-ol	6126-50-7	8.16345	1924.7721	211.723	56.97	174.65	2
2954	C6H12O	trans-4-hexen-1-ol	928-92-7	7.80480	1825.6811	211.723	22.55	183.19	1,2
2955	C6H12O	5-hexen-1-ol	821-41-0	8.54293	2000.0924	213.391	22.55	159.68	1,2
2956	C6H12O	1-methyl-2-penten-1-ol	4325-82-0	7.37172	1656.2734	216.171	22.55	179.13	2
2957	C6H12O	2-methyl-2-penten-1-ol	1610-29-3	7.37172	1656.2734	216.171	22.55	179.13	2
2958	C6H12O	3-methyl-2-penten-1-ol	---	7.39522	1664.9396	216.171	44.17	178.98	2
2959	C6H12O	4-methyl-2-penten-1-ol	5362-55-0	7.37172	1656.2734	216.171	22.55	179.13	2
2960	C6H12O	1-methyl-3-penten-1-ol	52387-50-5	7.37172	1656.2734	216.171	22.55	179.13	2

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mmHg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
2961	C6H12O	2-methyl-3-penten-1-ol	63468-05-3	7.37172	1656.2734	216.171	22.55	179.13	2
2962	C6H12O	3-methyl-3-penten-1-ol	2747-53-7	7.37172	1656.2734	216.171	22.55	179.13	2
2963	C6H12O	4-methyl-3-penten-1-ol	763-89-3	7.78324	1811.0449	212.418	22.55	181.17	1,2
2964	C6H12O	1-methyl-4-penten-1-ol	626-94-8	7.37172	1656.2734	216.171	22.55	179.13	2
2965	C6H12O	2-methyl-4-penten-1-ol	---	7.39522	1664.9396	216.171	44.17	178.98	2
2966	C6H12O	2-methyl-4-penten-3-ol	4798-45-2	7.39522	1664.9396	216.171	44.17	178.98	2
2967	C6H12O	3-methyl-4-penten-1-ol	---	7.39522	1664.9396	216.171	44.17	178.98	2
2968	C6H12O	4-methyl-4-penten-1-ol	---	7.39522	1664.9396	216.171	44.17	178.98	2
2969	C6H12O	4-methyl-4-penten-2-ol	2004-67-3	6.98028	1523.3058	218.951	22.55	182.08	2
2970	C6H12O	3-methyl-1-penten-3-ol	918-85-4	7.78010	1670.4091	223.399	22.55	139.87	1,2
2971	C6H12O	1-hexen-3-ol	4798-44-1	7.01700	1535.7989	218.673	22.55	181.78	2
2972	C6H12O	4-hexen-3-ol	4798-58-7	7.81072	1743.7826	218.465	37.57	158.25	1,2
2973	C6H12O	2-methyl-5-penten-3-ol	4798-45-8	7.03781	1543.5252	218.673	36.97	181.62	2
2974	C6H12O2	hexanoic acid	142-62-1	7.55390	1769.4739	174.802	95.19	229.92	1,2
2975	C6H12O2	2-methylpentanoic acid	97-61-0	7.80327	1945.7859	201.437	84.57	219.60	1,2
2976	C6H12O2	2-methylpentanoic acid, (±)	22160-39-0	7.94876	1984.1316	201.688	83.85	214.54	2
2977	C6H12O2	3-methylpentanoic acid	105-43-1	7.73918	1930.9089	201.590	84.93	222.10	1,2
2978	C6H12O2	3-methylpentanoic acid, (±)	22160-40-3	8.04037	2017.2727	201.159	85.37	214.04	2
2979	C6H12O2	4-methylpentanoic acid	646-07-1	6.85311	1156.4370	92.276	105.30	222.72	1,2
2980	C6H12O2	2,2-dimethylbutanoic acid	595-37-9	8.15805	2011.7142	204.356	76.69	199.91	1,2
2981	C6H12O2	2,3-dimethylbutanoic acid	14287-61-7	7.76871	1918.9420	202.772	80.73	215.58	2
2982	C6H12O2	3,3-dimethylbutanoic acid	1070-83-3	7.71405	1888.8026	203.244	78.08	213.51	1,2
2983	C6H12O2	2-ethylbutanoic acid	88-09-5	7.91539	1946.1024	199.698	81.72	211.43	1,2
2984	C6H12O2	pentyl formate	638-49-3	8.05029	1777.3435	218.965	33.13	146.11	1,2
2985	C6H12O2	1-methylbutyl formate	58368-66-4	7.79575	1667.3588	222.023	23.33	139.35	2
2986	C6H12O2	2-methylbutyl formate	35073-27-9	7.79575	1667.3588	222.023	23.33	139.35	2
2987	C6H12O2	1,1-dimethylpropyl formate	757-88-0	7.37834	1538.1956	224.789	16.37	141.75	2
2988	C6H12O2	1,2-dimethylpropyl formate	66794-46-5	7.31571	1516.7773	224.789	15.37	142.13	2
2989	C6H12O2	2,2-dimethylpropyl formate	23361-67-3	7.31571	1516.7773	224.789	15.37	142.13	2
2990	C6H12O2	3-methylbutyl formate	110-45-2	7.61569	1635.4933	221.565	25.65	147.30	1,2
2991	C6H12O2	1-ethylpropyl formate	58368-67-5	7.62529	1613.9510	222.955	20.65	140.27	2
2992	C6H12O2	2-ethylpropyl formate	---	7.62529	1613.9510	222.955	20.65	140.27	2
2993	C6H12O2	butyl acetate	123-86-4	7.24491	1518.3865	222.077	21.06	151.63	1,2
2994	C6H12O2	sec-butyl acetate	105-46-4	7.32998	1541.4320	234.604	8.91	136.99	1,2
2995	C6H12O2	isobutyl acetate	110-19-0	7.41207	1582.6362	232.421	14.40	141.70	1,2
2996	C6H12O2	tert-butyl acetate	540-88-5	7.00542	1313.3028	220.856	-2.17	122.62	1,2
2997	C6H12O2	propyl propanoate	106-36-5	7.38527	1553.4048	222.009	21.27	147.55	1,2
2998	C6H12O2	isopropyl propanoate	637-78-5	7.39100	1513.0967	225.484	11.27	133.99	1,2
2999	C6H12O2	ethyl butanoate	105-54-4	7.37221	1541.1652	222.287	19.57	145.50	1,2
3000	C6H12O2	ethyl isobutanoate	97-62-1	7.31532	1489.0010	225.526	10.25	134.70	1,2
3001	C6H12O2	methyl pentanoate	624-24-8	6.97357	1463.1497	220.647	24.29	165.23	1,2
3002	C6H12O2	methyl isopentanoate	556-24-1	7.30143	1505.9564	223.816	15.17	141.74	1,2
3003	C6H12O2	methyl sec-pentanoate	868-57-5	7.31614	1507.4932	223.983	14.69	140.65	1,2
3004	C6H12O2	methyl tert-pentanoate	598-98-1	7.32724	1462.9107	227.959	3.25	124.94	1,2
3005	C6H12O2	cyclohexyl peroxide	766-07-4	7.91206	2068.5958	194.300	104.97	243.02	1,2
3006	C6H12O2	diacetone alcohol	123-42-2	8.62593	2568.7558	279.120	57.73	192.72	1,2
3007	C6H12O3	2-ethoxyethyl acetate	111-15-9	7.23351	1477.6930	182.899	54.16	181.81	1,2
3008	C6H12O3	hydroxycaproic acid	1191-25-9	6.59508	1280.6034	160.705	60.85	214.48	3
3009	C6H12O3	paraldehyde	123-63-7	7.26289	1471.1540	211.721	12.60	148.76	1,2
3010	C6H12O3	sec-butyl glycolate	37160-61-5	7.92251	2068.5142	232.782	66.03	203.55	1,2
3011	C6H12S	thiacycloheptane	4753-80-4	12.27931	8628.7215	744.546	20.46	203.93	1,2
3012	C6H12S	2-ethylthiacyclopentane	1551-32-2	6.67460	1440.7141	212.418	41.47	200.07	2
3013	C6H12S	3-ethylthiacyclopentane	62184-67-2	6.94358	1533.8253	210.194	47.87	197.55	2
3014	C6H12S	2,2-dimethylthiacyclopentane	5161-75-1	5.88411	1165.6702	220.792	17.87	210.58	2
3015	C6H12S	2,cis-3-dimethylthiacyclopentane	5161-77-3	5.77578	1127.5743	222.157	13.95	212.54	2
3016	C6H12S	2,trans-3-dimethylthiacyclopentane	5161-78-4	5.77578	1127.5743	222.157	13.95	212.54	2
3017	C6H12S	2,cis-4-dimethylthiacyclopentane	5161-79-5	5.77578	1127.5743	222.157	13.95	212.54	2
3018	C6H12S	2,trans-4-dimethylthiacyclopentane	5161-80-8	5.77578	1127.5743	222.157	13.95	212.54	2
3019	C6H12S	2,cis-5-dimethylthiacyclopentane	5161-13-7	6.25171	1293.6802	216.441	29.89	204.97	2
3020	C6H12S	2,trans-5-dimethylthiacyclopentane	5161-14-8	6.23757	1288.7477	216.588	29.47	205.16	2
3021	C6H12S	3,3-dimethylthiacyclopentane	5161-76-2	5.88411	1165.6702	220.792	17.87	210.58	2
3022	C6H12S	3,cis-4-dimethylthiacyclopentane	5161-11-5	5.77578	1127.5743	222.157	13.95	212.54	2
3023	C6H12S	3,trans-4-dimethylthiacyclopentane	5161-12-6	5.77578	1127.5743	222.157	13.95	212.54	2
3024	C6H12S	2-methylthiacyclohexane	5161-16-0	6.53452	1406.9680	217.742	36.48	201.91	2
3025	C6H12S	3-methylthiacyclohexane	5258-50-4	6.68046	1459.3349	216.733	40.17	200.38	2
3026	C6H12S	4-methylthiacyclohexane	5161-17-1	6.69676	1464.0570	216.330	40.67	200.20	2
3027	C6H12S	cyclohexanethiol	1569-69-3	6.87033	1471.1553	209.705	40.90	189.15	1,2
3028	C6H13Br	1-bromohexane	111-25-1	7.52798	1713.6014	212.891	49.61	181.39	1,2
3029	C6H13Br	2-bromohexane	3377-86-4	7.40020	1641.9711	216.060	40.49	173.18	2
3030	C6H13Br	3-bromohexane	3377-87-5	7.52090	1664.0867	216.783	38.41	166.73	1,2
3031	C6H13Br	1-bromo-2-methylpentane	25346-33-2	7.40451	1643.4109	216.032	40.57	173.16	2
3032	C6H13Br	1-bromo-3-methylpentane	51116-73-5	7.58233	1702.7859	214.920	43.77	172.03	2
3033	C6H13Br	1-bromo-4-methylpentane	626-88-0	7.53685	1687.6084	215.198	42.97	172.31	2
3034	C6H13Br	2-bromo-2-methylpentane	4283-80-1	6.89369	1472.3409	219.646	30.17	177.01	2
3035	C6H13Br	2-bromo-3-methylpentane	62168-41-6	6.89369	1472.3409	219.646	30.17	177.01	2
3036	C6H13Br	2-bromo-4-methylpentane	30310-22-6	7.52460	1629.9504	219.646	30.17	155.68	1,2
3037	C6H13Br	3-bromo-2-methylpentane	4283-83-4	6.89369	1472.3409	219.646	30.17	177.01	2
3038	C6H13Br	3-bromo-3-methylpentane	25346-31-0	6.85813	1460.3995	219.924	29.37	177.32	2
3039	C6H13Br	1-bromo-2,2-dimethylbutane	62168-42-7	7.23703	1587.4145	217.144	37.37	174.31	2
3040	C6H13Br	1-bromo-2,3-dimethylbutane	30540-31-9	7.23703	1587.4145	217.144	37.37	174.31	2

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mmHg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
3041	C6H13Br	1-bromo-3,3-dimethylbutane	1647-23-0	7.11770	1547.4607	217.978	34.97	175.19	2
3042	C6H13Br	2-bromo-2,3-dimethylbutane	594-52-5	6.96629	1496.7059	219.090	25.00	176.40	2
3043	C6H13Br	2-bromo-3,3-dimethylbutane	26356-06-9	6.92974	1484.4420	219.368	25.00	176.70	2
3044	C6H13Br	1-bromo-2-ethylbutane	3814-34-4	7.53538	1674.6056	216.227	40.01	168.43	1,2
3045	C6H13Cl	1-chlorohexane	544-10-5	7.63322	1677.8823	218.509	34.44	158.43	1,2
3046	C6H13Cl	2-chlorohexane	638-28-8	7.33637	1566.1119	221.592	25.57	155.37	1,2
3047	C6H13Cl	3-chlorohexane	2346-81-8	7.61047	1630.4076	221.870	24.77	146.28	1,2
3048	C6H13Cl	1-chloro-2-methylpentane	14753-05-0	7.41038	1571.0198	222.704	22.37	148.82	2
3049	C6H13Cl	1-chloro-3-methylpentane	62016-93-7	7.84871	1710.6171	220.202	29.57	146.34	2
3050	C6H13Cl	1-chloro-4-methylpentane	62016-94-8	7.64592	1646.0912	221.314	26.37	147.43	2
3051	C6H13Cl	2-chloro-2-methylpentane	4325-48-8	7.62349	1593.8595	225.067	15.57	133.78	1,2
3052	C6H13Cl	2-chloro-3-methylpentane	24319-09-3	6.99458	1436.5240	225.067	14.57	151.70	2
3053	C6H13Cl	2-chloro-4-methylpentane	25346-32-1	7.11011	1475.1041	224.650	16.77	150.86	2
3054	C6H13Cl	3-chloro-2-methylpentane	38384-05-3	7.05372	1455.4377	224.650	15.77	151.25	2
3055	C6H13Cl	3-chloro-3-methylpentane	918-84-3	7.23487	1514.9888	223.816	19.17	149.98	2
3056	C6H13Cl	1-chloro-2-ethylbutane	4737-41-1	7.69537	1661.8318	221.036	27.17	147.15	2
3057	C6H13Cl	1-chloro-2,2-dimethylbutane	6366-35-4	7.27774	1528.6817	223.538	19.97	149.68	2
3058	C6H13Cl	1-chloro-2,3-dimethylbutane	600-06-6	7.50234	1600.3452	222.148	23.97	148.26	2
3059	C6H13Cl	1-chloro-3,3-dimethylbutane	2855-08-5	7.69774	1630.9562	223.538	19.97	137.62	1,2
3060	C6H13Cl	2-chloro-2,3-dimethylbutane	594-57-0	7.59652	1589.0898	224.928	-10.40	135.03	1,2
3061	C6H13Cl	2-chloro-3,3-dimethylbutane	5750-00-5	7.64832	1598.0995	225.206	-0.90	132.59	1,2
3062	C6H13ClO2S	1-hexanesulfonyl chloride	14532-24-2	7.36979	1900.2280	189.069	109.25	264.67	3
3063	C6H13Cl2N	bis(2-chloroethyl)ethylamine	538-07-8	6.31437	1901.3021	273.150	84.62	333.81	3
3064	C6H13F	1-fluorohexane	373-14-8	7.18448	1386.5439	230.627	-6.43	115.78	1,2
3065	C6H13F	2-fluorohexane	372-54-3	7.10689	1352.2528	232.101	-10.67	112.42	2
3066	C6H13F	3-fluorohexane	52688-75-2	6.96461	1310.4736	233.018	-13.31	113.41	2
3067	C6H13F	1-fluoro-2-methylpentane	62127-27-9	6.92709	1299.4448	233.268	-14.03	113.69	2
3068	C6H13F	1-fluoro-3-methylpentane	62127-28-0	7.14254	1362.7113	231.878	-10.03	112.18	2
3069	C6H13F	1-fluoro-4-methylpentane	62127-29-1	7.01121	1324.1622	232.712	-12.43	113.08	2
3070	C6H13F	2-fluoro-2-methylpentane	62127-30-4	6.72217	1239.1363	234.700	-18.15	115.31	2
3071	C6H13F	2-fluoro-3-methylpentane	62127-31-5	6.72217	1239.1363	234.700	-18.15	115.31	2
3072	C6H13F	2-fluoro-4-methylpentane	62127-32-6	6.72217	1239.1363	234.700	-18.15	115.31	2
3073	C6H13F	3-fluoro-2-methylpentane	62127-33-7	6.54324	1186.3545	236.048	-22.03	116.89	2
3074	C6H13F	3-fluoro-3-methylpentane	19031-61-9	6.36657	1134.1167	237.480	-26.15	118.63	2
3075	C6H13F	1-fluoro-2,2-dimethylbutane	62127-34-8	6.72217	1239.1363	234.700	-18.15	115.31	2
3076	C6H13F	1-fluoro-2,3-dimethylbutane	62127-35-9	6.88601	1287.3669	233.546	-14.83	114.00	2
3077	C6H13F	1-fluoro-3,3-dimethylbutane	371-64-2	6.67857	1226.2855	235.020	-19.07	115.68	2
3078	C6H13F	2-fluoro-2,3-dimethylbutane	354-09-6	6.36657	1134.1167	237.480	-26.15	118.63	2
3079	C6H13F	2-fluoro-3,3-dimethylbutane	92089-78-6	6.47308	1165.6249	236.604	-23.63	117.56	2
3080	C6H13F	1-fluoro-2-ethylbutane	---	6.12442	1062.2924	239.626	-32.33	121.38	2
3081	C6H13I	1-iodohexane	638-45-9	7.34879	1721.0830	205.655	65.43	207.38	1,2
3082	C6H13I	2-iodohexane	59654-13-6	7.06632	1605.4661	209.082	55.57	204.22	2
3083	C6H13I	3-iodohexane	31294-91-4	7.03015	1592.7465	209.360	54.77	204.52	2
3084	C6H13I	1-iodo-2-methylpentane	31294-94-7	7.03015	1592.7465	209.360	54.77	204.52	2
3085	C6H13I	1-iodo-3-methylpentane	24346-53-0	7.25471	1671.6493	207.692	59.57	202.74	2
3086	C6H13I	1-iodo-4-methylpentane	6196-80-1	7.21984	1659.4072	207.943	58.85	203.01	2
3087	C6H13I	2-iodo-2-methylpentane	31294-95-8	7.21984	1659.4072	207.943	58.85	203.01	2
3088	C6H13I	2-iodo-3-methylpentane	24319-07-1	7.21984	1659.4072	207.943	58.85	203.01	2
3089	C6H13I	2-iodo-4-methylpentane	31294-96-9	6.66203	1463.0010	212.418	45.97	207.96	2
3090	C6H13I	3-iodo-2-methylpentane	31294-97-0	6.66203	1463.0010	212.418	45.97	207.96	2
3091	C6H13I	3-iodo-3-methylpentane	24319-05-2	6.66203	1463.0010	212.418	45.97	207.96	2
3092	C6H13I	1-iodo-2,2-dimethylbutane	31294-98-1	6.66203	1463.0010	212.418	45.97	207.96	2
3093	C6H13I	1-iodo-2,3-dimethylbutane	31295-00-8	6.92449	1555.5606	210.194	52.37	205.44	2
3094	C6H13I	1-iodo-3,3-dimethylbutane	15672-88-5	6.85633	1531.5495	210.750	50.77	206.06	2
3095	C6H13I	2-iodo-2,3-dimethylbutane	594-59-2	6.85633	1531.5495	210.750	50.77	206.06	2
3096	C6H13I	2-iodo-3,3-dimethylbutane	24556-56-7	6.69340	1474.0787	212.140	46.77	207.64	2
3097	C6H13I	1-iodo-2-ethylbutane	---	6.95925	1567.7969	209.916	53.17	205.13	2
3098	C6H13N	cyclohexylamine	108-91-8	7.39194	1654.7534	232.966	25.92	160.08	1,2
3099	C6H13N	1-methylcyclopentanamine	40571-45-7	6.82994	1414.3217	222.426	20.17	165.26	2
3100	C6H13N	2-methylcyclopentanamine	41223-14-7	6.90263	1438.1183	221.870	21.77	164.64	2
3101	C6H13N	hexamethyleneimine	111-49-9	7.03550	1427.9941	205.657	30.94	164.90	1,2
3102	C6H13N	1,2-dimethylpyrrolidine	765-48-0	7.60117	1578.6686	223.729	15.42	133.49	3
3103	C6H13N	2,2-dimethylpyrrolidine	35018-15-6	6.07274	1188.3731	226.596	7.67	184.48	3
3104	C6H13N	2,4-dimethylpyrrolidine	13603-04-8	6.34461	1279.9611	223.816	15.67	180.88	3
3105	C6H13N	cis-2,5-dimethylpyrrolidine	39713-71-8	6.08559	1192.7090	226.457	8.07	184.29	3
3106	C6H13N	1-ethylpyrrolidine	7335-06-0	7.07282	1416.3169	227.152	6.07	136.85	3
3107	C6H13N	N-isopropyl-2-propen-1-amine	35000-22-7	6.42141	1256.7233	229.237	2.57	158.69	2
3108	C6H13N	N-propyl-2-propen-1-amine	5666-21-7	6.95529	1428.6643	224.928	14.97	153.68	2
3109	C6H13N	1-methylpiperidine	626-67-5	7.05333	1390.9838	226.318	3.47	132.97	1,2
3110	C6H13N	2-methylpiperidine, (±)	3000-79-1	7.62175	1559.6222	223.260	-2.50	128.01	2
3111	C6H13N	3-methylpiperidine, (±)	53152-98-0	8.03128	1683.6066	221.175	18.27	126.00	2
3112	C6H13N	4-methylpiperidine	626-58-4	7.33149	1530.9179	219.924	21.87	149.00	1,2
3113	C6H13N	2,5-dimethylpyrrolidine, cis and trans	3378-71-0	6.20462	1232.8514	225.206	11.67	182.65	3
3114	C6H13N	N-ethyl-2-methylallylamine	18328-90-0	7.52218	1539.9770	226.944	9.17	127.86	1,2
3115	C6H13N	2-methylpiperidine	109-05-7	7.07198	1433.3051	222.982	-3.70	145.46	1,2
3116	C6H13N	(S)-(+)-2-methylpiperidine	3197-42-0	7.67329	1575.2447	222.982	13.07	127.74	2
3117	C6H13N	3-methylpiperidine	626-56-2	7.97346	1666.1212	221.453	17.47	126.26	2
3118	C6H13N	N,N,2-trimethylpropenylamine	6000-82-4	8.77352	1882.3552	223.729	18.42	112.91	2
3119	C6H13NO	N-butylacetamide	1119-49-9	7.63436	2003.3926	192.402	109.57	257.54	1,2
3120	C6H13NO	N,N-diethylacetamide	685-91-6	7.68724	1867.5133	204.495	74.77	210.01	1,2

Table 1 Vapor Pressure – Organic Compounds

log ₁₀ P = A - B/(T + C) (P - mmHg, T - C)									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
3121	C6H13NO2	1-nitrohexane	646-14-0	7.43835	1799.1404	202.271	77.17	220.41	2
3122	C6H13NO2	2-nitrohexane	14255-44-8	6.81210	1571.0473	207.136	63.17	225.63	2
3123	C6H13NO2	3-nitrohexane	7286-40-0	6.81210	1571.0473	207.136	63.17	225.63	2
3124	C6H13NO2	1-nitro-2-methylpentane	---	6.71350	1535.0004	208.012	60.65	226.63	2
3125	C6H13NO2	1-nitro-3-methylpentane	---	6.71350	1535.0004	208.012	60.65	226.63	2
3126	C6H13NO2	1-nitro-4-methyl pentane	---	6.71350	1535.0004	208.012	60.65	226.63	2
3127	C6H13NO2	2-nitro-2-methylpentane	---	6.71350	1535.0004	208.012	60.65	226.63	2
3128	C6H13NO2	2-nitro-3-methylpentane	42202-42-6	6.62748	1503.5189	208.804	23.50	227.55	2
3129	C6H13NO2	2-nitro-4-methylpentane	---	6.62304	1501.8907	208.846	58.25	227.60	2
3130	C6H13NO2	3-nitro-2-methylpentane	---	6.62304	1501.8907	208.846	58.25	227.60	2
3131	C6H13NO2	3-nitro-3-methylpentane	---	6.62304	1501.8907	208.846	58.25	227.60	2
3132	C6H13NO2	1-nitro-2,2-dimethylbutane	2625-29-8	6.59799	1492.7172	209.082	23.50	227.88	2
3133	C6H13NO2	1-nitro-2,3-dimethylbutane	66553-34-2	6.81210	1571.0473	207.136	63.17	225.63	2
3134	C6H13NO2	1-nitro-3,3-dimethylbutane	---	6.68298	1523.8348	208.290	59.85	226.95	2
3135	C6H13NO2	2-nitro-2,3-dimethylbutane	34075-28-0	7.20690	1655.0843	209.082	57.57	202.11	1,2
3136	C6H13NO2	2-nitro-3,3-dimethylbutane	599-02-0	6.42813	1430.4222	210.750	40.00	229.88	2
3137	C6H13NO2	1-nitro-2-ethylbutane	---	6.68298	1523.8348	208.290	59.85	226.95	2
3138	C6H13NO3	1-hexyl nitrate	20633-11-8	7.14372	1644.6522	208.526	59.17	206.59	2
3139	C6H14	hexane	110-54-3	6.98978	1216.9154	227.451	-24.29	92.12	1,2
3140	C6H14	2-methylpentane	107-83-5	7.07962	1274.6389	243.362	-33.70	83.66	1,2
3141	C6H14	3-methylpentane	96-14-0	7.07774	1282.3647	242.278	-31.28	86.88	1,2
3142	C6H14	2,2-dimethylbutane	75-83-2	6.93954	1169.5140	238.418	-41.52	72.81	1,2
3143	C6H14	2,3-dimethylbutane	79-29-8	6.98947	1220.0057	238.956	-35.26	81.46	1,2
3144	C6H14FO3P	isofluorophate	55-91-4	10.72260	3344.6000	273.150	70.85	170.39	3
3145	C6H14N2	1,4-dimethylpiperazine	106-58-1	7.61950	1661.6012	219.646	-0.59	154.79	1,2
3146	C6H14N2	cis-2,5-dimethylpiperazine	6284-84-0	6.40161	1372.2955	211.028	43.02	215.18	3
3147	C6H14N2	trans-2,5-dimethylpiperazine	2815-34-1	6.30989	1336.5449	211.028	40.68	216.25	3
3148	C6H14N2	cis-2,6-dimethylpiperazine	21655-48-1	6.25448	1316.8239	211.584	39.03	216.98	3
3149	C6H14N2	2,5-dimethylpiperazine	106-55-8	7.65498	1785.9108	210.528	57.83	188.72	1,2
3150	C6H14N2	2,6-dimethylpiperazine	108-49-6	7.62504	1769.9661	211.028	56.13	187.33	1,2
3151	C6H14N2	1-ethylpiperazine	5308-25-8	7.62794	1753.6754	212.418	52.17	182.01	1,2
3152	C6H14N2O2	lysine	56-87-1	15.43459	5084.9556	139.244	209.85	275.76	3
3153	C6H14O	1-hexanol	111-27-3	7.36642	1544.6108	187.498	55.12	181.62	1,2
3154	C6H14O	2-hexanol	626-93-7	7.40585	1482.7981	189.837	41.64	161.20	1,2
3155	C6H14O	2-hexanol, (R)	26549-24-6	7.99605	1818.6113	217.978	41.97	159.78	1,2
3156	C6H14O	(S)-(+)-2-hexanol	52019-78-0	8.04931	1837.9759	217.561	43.17	160.04	1,2
3157	C6H14O	(RS)-2-hexanol	20281-86-1	8.10614	1858.3563	217.144	44.37	160.24	1,2
3158	C6H14O	3-hexanol	623-37-0	7.47870	1554.8516	204.317	35.68	157.54	1,2
3159	C6H14O	3-hexanol, (R)	13471-42-6	8.88020	2040.2188	218.534	40.37	139.50	2
3160	C6H14O	2-methyl-1-pentanol	105-30-6	7.90309	1846.5431	219.821	47.67	171.29	1,2
3161	C6H14O	3-methyl-1-pentanol	589-35-5	7.20794	1385.1013	167.247	55.87	176.78	1,2
3162	C6H14O	3-methyl-1-pentanol, (±)	20281-83-8	8.01536	1882.2222	213.530	54.77	175.88	1,2
3163	C6H14O	4-methyl-1-pentanol	626-89-1	7.22862	1334.3502	157.052	57.18	172.68	1,2
3164	C6H14O	4-methyl-2-pentanol	108-11-2	7.55291	1623.8747	215.719	32.09	155.79	1,2
3165	C6H14O	2-methyl-2-pentanol	590-36-3	6.93258	1107.0094	151.367	35.23	143.78	1,2
3166	C6H14O	3-methyl-2-pentanol	565-60-6	7.19226	1321.7740	172.723	40.73	156.86	1,2
3167	C6H14O	2-methyl-3-pentanol	565-67-3	7.25598	1322.6894	177.468	33.96	147.19	1,2
3168	C6H14O	3-methyl-3-pentanol	77-74-7	6.83569	1140.5223	166.534	28.91	145.61	1,2
3169	C6H14O	2-ethyl-1-butanol	97-95-0	7.43030	1483.1133	178.145	52.50	170.95	1,2
3170	C6H14O	2,2-dimethyl-1-butanol	1185-33-7	7.12978	1312.2739	172.996	41.09	159.40	1,2
3171	C6H14O	2,3-dimethyl-1-butanol	19550-30-2	7.57466	1490.0223	175.592	51.04	163.60	1,2
3172	C6H14O	2,3-dimethyl-1-butanol, (±)-	20281-85-0	8.01933	1852.1429	215.893	47.97	166.98	1,2
3173	C6H14O	3,3-dimethyl-1-butanol	624-95-3	8.82390	1939.4255	204.796	43.09	138.95	2
3174	C6H14O	2,3-dimethyl-2-butanol	594-60-5	7.03334	1225.2940	176.222	26.87	141.91	1,2
3175	C6H14O	3,3-dimethyl-2-butanol	464-07-3	6.95584	1168.0690	166.791	5.30	142.71	1,2
3176	C6H14O	3,3-dimethyl-2-butanol, (±)	20281-91-8	7.97110	1751.7207	222.593	5.60	143.17	2
3177	C6H14O	tert-hexyl alcohol	26401-20-7	7.81188	1701.0395	223.427	26.29	143.97	2
3178	C6H14O	methyl pentyl ether	628-80-8	7.55151	1529.3461	228.584	4.85	121.41	1,2
3179	C6H14O	methyl 1-methylbutyl ether	6795-88-6	7.50494	1491.8197	230.766	-1.43	114.31	1,2
3180	C6H14O	methyl 1-ethylpropyl ether	36839-67-5	7.37288	1451.5527	231.600	-3.83	114.75	2
3181	C6H14O	methyl 2-methylbutyl ether	62016-48-2	7.47047	1480.5364	231.044	-2.23	114.18	2
3182	C6H14O	methyl 3-methylbutyl ether	626-91-5	7.47472	1481.5083	231.044	-2.23	114.06	1,2
3183	C6H14O	methyl tert-pentyl ether	994-05-8	7.55264	1486.6815	232.073	-5.19	108.07	1,2
3184	C6H14O	methyl 1,2-dimethylpropyl ether	62016-49-3	7.14265	1383.0808	232.990	-7.83	116.20	2
3185	C6H14O	ethyl butyl ether	628-81-9	7.58106	1513.3991	230.433	-0.47	113.58	1,2
3186	C6H14O	ethyl sec-butyl ether	2679-87-0	7.86447	1539.1572	233.491	-9.27	95.20	1,2
3187	C6H14O	ethyl isobutyl ether	627-02-1	7.54474	1467.1251	233.519	-9.35	102.75	1,2
3188	C6H14O	ethyl tert-butyl ether	637-92-3	7.52968	1435.4585	235.826	-15.99	94.33	1,2
3189	C6H14O	dipropyl ether	111-43-3	7.55865	1500.9863	231.022	-2.17	111.92	1,2
3190	C6H14O	propyl isopropyl ether	627-08-7	7.53918	1472.2328	232.990	-7.85	104.88	1,2
3191	C6H14O	2-propoxy-propane	---	7.44692	1472.8388	231.022	-2.57	114.30	2
3192	C6H14O	diisopropyl ether	108-20-3	7.53760	1421.8429	237.077	-19.59	89.35	1,2
3193	C6H14O	methyl 2,2-dimethylpropyl ether	1118-00-9	7.14265	1383.0808	232.990	-7.83	116.20	2
3194	C6H14O2	acetal	105-57-7	7.42213	1475.8905	222.291	7.52	125.77	1,2
3195	C6H14O2	2-butoxyethanol	111-76-2	7.96174	1928.1455	208.437	68.53	194.95	1,2
3196	C6H14O2	1-(1-methylethoxy)-2-propanol	3944-36-3	7.16815	1601.0689	217.700	41.87	183.94	3
3197	C6H14O2	2-(2-methylpropoxy)ethanol	4439-24-1	7.95196	1884.3594	211.584	59.47	183.45	1,2
3198	C6H14O2	1-propoxy-2-propanol	1569-01-3	7.89952	1829.4460	214.726	50.43	173.06	1,2
3199	C6H14O2	ethylene glycol diethyl ether	629-14-1	7.96567	1745.7211	222.468	28.15	142.45	1,2
3200	C6H14O2	3-methoxy-3-methylbutanol	56539-66-3	9.03506	2236.6573	207.692	70.67	174.43	3

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mmHg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
3201	C6H14O2	ethylene glycol mono-sec-butyl ether	7795-91-7	12.61038	3441.8353	198.009	98.44	167.04	3
3202	C6H14O2	n-propoxypropanol (mixed isomers)	30136-13-1	12.61038	3441.8353	198.009	98.44	167.04	3
3203	C6H14O2	hexylene glycol	107-41-5	7.97287	2032.7949	201.159	90.37	223.13	1,2
3204	C6H14O2	1,2-hexanediol	6920-22-5	8.09589	2166.8160	193.792	111.57	247.15	3
3205	C6H14O2	1,3-hexanediol	21531-91-9	8.65537	2381.6198	190.734	120.37	244.38	3
3206	C6H14O2	1,4-hexanediol	16432-53-4	10.04697	2913.7248	184.896	137.17	239.53	3
3207	C6H14O2	1,5-hexanediol	928-40-5	8.76771	2424.6766	190.178	121.97	243.90	3
3208	C6H14O2	1,6-hexanediol	629-11-8	7.98031	2226.4433	186.550	132.41	277.44	1,2
3209	C6H14O2	2,3-hexanediol	617-30-1	7.31456	1865.5998	199.074	60.00	252.35	3
3210	C6H14O2	2,4-hexanediol	19780-90-6	7.54000	1952.6897	197.406	101.17	250.65	3
3211	C6H14O2	2,5-hexanediol	2935-44-6	7.94953	2110.5169	194.682	109.01	247.99	3
3212	C6H14O2	(2R,5R)-2,5-hexanediol	17299-07-9	7.63933	1991.0100	196.711	103.17	249.96	3
3213	C6H14O2	(2S,5S)-2,5-hexanediol	34338-96-0	7.63933	1991.0100	196.711	103.17	249.96	3
3214	C6H14O2	3,4-hexanediol	922-17-8	8.08607	2163.0428	193.851	111.40	247.21	3
3215	C6H14O2	(R)-(-)-2-methyl-2,4-pentanediol	99210-90-9	7.03952	1759.1208	201.298	89.97	254.71	3
3216	C6H14O2	2-methyl-1,2-pentanediol	20667-05-4	7.77780	2044.3875	195.780	105.85	249.04	3
3217	C6H14O2	2-methyl-1,3-pentanediol	149-31-5	7.92726	2101.9460	194.821	108.61	248.12	3
3218	C6H14O2	2-methyl-1,5-pentanediol	42856-62-2	8.08607	2163.0428	193.851	111.40	247.21	3
3219	C6H14O2	2-methyl-2,3-pentanediol	7795-80-4	8.52570	2331.8894	191.399	118.46	244.97	3
3220	C6H14O2	3-methyl-1,3-pentanediol	33879-72-0	7.49464	1935.1796	197.732	100.23	250.97	3
3221	C6H14O2	3-methyl-1,5-pentanediol	4457-71-0	9.48376	2698.6770	187.009	131.09	241.22	3
3222	C6H14O2	3-methyl-2,3-pentanediol	63521-37-9	8.52570	2331.8894	191.399	118.46	244.97	3
3223	C6H14O2	3-methyl-2,4-pentanediol	5683-44-3	7.55960	1960.2540	197.267	101.57	250.51	3
3224	C6H14O2	4-methyl-1,4-pentanediol	1462-10-8	7.96746	2117.4167	194.571	109.33	247.88	3
3225	C6H14O2	DL-erythro-4-methyl-2,3-pentanediol	6702-10-9	9.35926	2651.0872	187.518	129.63	241.64	3
3226	C6H14O2	DL-threo-4-methyl-2,3-pentanediol	6464-40-0	9.35926	2651.0872	187.518	129.63	241.64	3
3227	C6H14O2	2-ethyl-1,2-butanediol	66553-16-0	7.13947	1797.8471	200.464	92.37	253.81	3
3228	C6H14O2	2-ethyl-1,3-butanediol	66553-17-1	7.38221	1891.7496	198.560	97.85	251.82	3
3229	C6H14O2	2-ethyl-1,4-butanediol	57716-79-7	7.38221	1891.7496	198.560	97.85	251.82	3
3230	C6H14O2	2,2-dimethyl-1,3-butanediol	76-35-7	7.22214	1829.8508	199.797	94.29	253.10	3
3231	C6H14O2	2,2-dimethyl-1,4-butanediol	32812-23-0	7.38221	1891.7496	198.560	97.85	251.82	3
3232	C6H14O2	2,3-dimethyl-1,2-butanediol	66553-15-9	7.38221	1891.7496	198.560	97.85	251.82	3
3233	C6H14O2	2,3-dimethyl-1,3-butanediol	24893-35-4	7.38221	1891.7496	198.560	97.85	251.82	3
3234	C6H14O2	DL-2,3-dimethyl-1,4-butanediol	---	8.08607	2163.0428	193.851	111.40	247.21	3
3235	C6H14O2	meso-2,3-dimethyl-1,4-butanediol	---	8.08607	2163.0428	193.851	111.40	247.21	3
3236	C6H14O2	2,3-dimethyl-2,3-butanediol	76-09-5	7.86050	1911.5816	208.026	41.10	200.55	1,2
3237	C6H14O2	3,3-dimethyl-1,2-butanediol	59562-82-2	7.99593	2068.7334	198.935	96.77	230.79	1,2
3238	C6H14O2	2-propyl-1,3-propanediol	2612-28-4	7.17396	1811.2018	200.184	93.18	253.51	3
3239	C6H14O2	2-isopropyl-1,3-propanediol	2612-27-3	8.08607	2163.0428	193.851	111.40	247.21	3
3240	C6H14O2	2-methyl-2-ethyl-1,3-propanediol	77-84-9	7.98624	2139.8998	193.292	113.01	252.11	1,2
3241	C6H14O2S	dipropyl sulfone	598-03-8	7.38138	2024.7852	181.046	136.25	301.10	1,2
3242	C6H14O3	diethylene glycol dimethyl ether	111-96-6	7.69010	1924.1516	238.041	49.57	188.77	1,2
3243	C6H14O3	dipropylene glycol	25265-71-8	9.91532	3715.6134	296.398	120.37	255.41	1,2
3244	C6H14O3	2-(2-ethoxyethoxy)ethanol	111-90-0	7.99665	2237.9554	235.556	84.30	229.25	1,2
3245	C6H14O3	trimethylolpropane	77-99-6	10.00755	4059.6394	272.635	178.06	322.12	1,2
3246	C6H14O3	1,2,6-hexanetriol	106-69-4	8.03802	1257.2968	56.500	122.14	202.41	3
3247	C6H14O3S	butyl ethyl sulfite	92876-99-8	6.10573	1317.5244	204.078	53.97	246.53	3
3248	C6H14O3S	dipropyl sulfite	623-98-3	6.52811	1439.5046	202.827	57.57	227.36	1,2
3249	C6H14O4	triethylene glycol	112-27-6	9.33075	3742.2446	295.198	154.01	313.40	1,2
3250	C6H14O4S	methyl pentyl sulfate	5867-93-6	6.21432	1523.1122	191.268	100.83	311.00	3
3251	C6H14O4S	butyl ethyl sulfate	5867-95-8	6.21432	1523.1122	191.268	100.83	311.00	3
3252	C6H14O4S	dipropyl sulfate	598-05-0	6.21432	1523.1122	191.268	100.83	311.00	3
3253	C6H14S	1-hexanethiol	111-31-9	7.64927	1738.9355	213.625	47.90	175.62	1,2
3254	C6H14S	2-hexanethiol	1679-06-7	7.56104	1668.7365	217.450	36.89	163.61	1,2
3255	C6H14S	3-hexanethiol	1633-90-5	7.01941	1525.4273	217.728	35.69	179.77	2
3256	C6H14S	2-methyl-1-pentanethiol	---	6.98239	1512.9239	218.006	34.89	180.07	2
3257	C6H14S	3-methyl-1-pentanethiol	---	6.94588	1500.5872	218.284	34.09	180.38	2
3258	C6H14S	4-methyl-1-pentanethiol	---	6.90987	1488.4138	218.562	33.29	180.69	2
3259	C6H14S	2-methyl-2-pentanethiol	1633-97-2	7.34843	1637.0632	215.571	42.30	177.33	2
3260	C6H14S	3-methyl-2-pentanethiol	---	7.28379	1614.6000	215.849	41.10	177.77	2
3261	C6H14S	4-methyl-2-pentanethiol	---	7.24305	1600.8732	216.127	40.30	178.06	2
3262	C6H14S	2,3-dimethyl-2-butanethiol	1639-01-6	7.20290	1587.3387	216.405	39.50	178.35	2
3263	C6H14S	2-thiaheptane	1741-83-9	7.30206	1595.2041	215.754	37.37	171.41	1,2
3264	C6H14S	3-thiaheptane	638-46-0	7.30385	1593.2238	215.960	36.78	170.56	1,2
3265	C6H14S	4-thiaheptane	111-47-7	7.34294	1598.3672	216.358	35.63	167.76	1,2
3266	C6H14S	diisopropyl sulfide	625-80-9	7.16325	1479.7664	222.693	17.40	148.98	1,2
3267	C6H14S	3-methyl-2-thiahexane	13286-91-4	7.66462	1666.1036	217.422	32.57	154.25	2
3268	C6H14S	4-methyl-2-thiahexane	15013-37-3	7.71395	1681.9398	217.144	33.37	153.97	2
3269	C6H14S	5-methyl-2-thiahexane	13286-90-3	7.61609	1650.5176	217.700	31.77	154.52	2
3270	C6H14S	2-methyl-3-thiahexane	5008-73-1	7.28794	1549.1251	219.354	27.01	157.92	1,2
3271	C6H14S	4-methyl-3-thiahexane	5008-72-0	7.29365	1555.7876	218.910	28.29	159.46	1,2
3272	C6H14S	5-methyl-3-thiahexane	1613-45-2	7.29293	1557.4823	218.751	28.75	160.10	1,2
3273	C6H14S	3-ethyl-2-thiapentane	57093-84-2	7.80737	1711.9175	216.630	34.85	153.47	2
3274	C6H14S	3,3-dimethyl-2-thiapentane	13286-92-5	8.24689	1852.7108	214.406	41.25	151.38	2
3275	C6H14S	3,4-dimethyl-2-thiapentane	53897-51-1	7.17066	1507.1852	220.480	23.77	157.37	2
3276	C6H14S	4,4-dimethyl-2-thiapentane	6079-57-8	7.17066	1507.1852	220.480	23.77	157.37	2
3277	C6H14S	2,2-dimethyl-3-thiapentane	14290-92-7	7.42509	1543.8745	222.590	17.70	141.25	1,2
3278	C6H14S2	1,6-hexanedithiol	119143-1	7.12096	1840.1344	192.067	105.85	275.08	2
3279	C6H14S2	1,5-hexanedithiol	---	7.18301	1854.7514	189.205	110.77	274.35	2
3280	C6H14S2	1,4-hexanedithiol	---	7.11636	1828.3729	189.761	109.17	274.94	2

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mmHg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
3281	C6H14S2	1,3-hexanedithiol	---	7.05130	1802.6064	190.317	107.57	275.54	2
3282	C6H14S2	1,2-hexanedithiol	---	6.98777	1777.4305	190.873	105.97	276.14	2
3283	C6H14S2	2,3-dithiaoctane	72437-68-4	7.55745	1834.9989	200.464	79.37	218.91	2
3284	C6H14S2	3,4-dithiaoctane	63986-03-8	7.40217	1778.8463	201.521	76.33	219.97	2
3285	C6H14S2	4,5-dithiaoctane	629-19-6	6.77909	1461.9621	179.478	73.50	226.93	1,2
3286	C6H14S2	2,4-dithiaoctane	---	8.00924	1998.0136	197.684	87.37	216.21	2
3287	C6H14S2	3,5-dithiaoctane	---	7.82964	1933.2718	198.741	84.33	217.21	2
3288	C6H14S2	3,6-dithiaoctane	5395-75-5	7.84168	1923.0777	195.738	85.34	216.95	2
3289	C6H14S2	2,5-dimethyl-3,4-dithiahexane	4253-89-8	7.22807	1662.4275	206.858	60.07	204.00	1,2
3290	C6H14S2	2,2-dimethyl-3,4-dithiahexane	4151-69-3	6.96968	1559.2574	206.492	54.70	205.16	1,2
3291	C6H14S2	4-methyl-3,4-dithiaheptane	33672-51-4	7.05064	1603.8735	200.788	64.29	213.78	1,2
3292	C6H14S3	2,5,8-trithianonane	37460-04-1	4.89257	487.3800	-17.896	117.85	302.79	3
3293	C6H14Te	diisopropyltelluride	51112-72-2	8.32310	2323.0000	273.150	44.07	178.69	3
3294	C6H15Al	triethyl aluminum	97-93-8	12.38646	1.0676E+04	891.170	46.48	268.73	1,2
3295	C6H15Al2Cl3	ethyl aluminum sesquichloride	12075-68-2	8.00942	1908.3033	163.090	109.16	232.20	3
3296	C6H15ClSi	chlorotriethylsilane	994-30-9	7.17087	1596.9300	227.740	-4.15	172.59	3
3297	C6H15ClSn	triethyltin chloride	994-31-0	6.85066	1490.4400	167.440	59.85	238.81	3
3298	C6H15FO3Si	triethoxyfluorosilane	358-60-1	8.04000	2104.0000	273.150	16.85	159.94	3
3299	C6H15FSi	triethylfluorosilane	358-43-0	6.98144	1352.1000	219.730	6.32	136.12	3
3300	C6H15In	triethyl indium	923-34-2	7.99948	2340.0000	273.150	61.16	212.56	3
3301	C6H15N	hexylamine	111-26-2	7.45441	1610.2021	222.214	27.26	154.66	1,2
3302	C6H15N	2-aminohehexane	5329-79-3	7.68102	1419.8728	179.794	32.73	135.79	1,2
3303	C6H15N	3-aminohehexane	16751-58-9	8.58864	1929.2436	218.362	35.87	138.46	2
3304	C6H15N	1-amino-2-methylpentane	13364-16-4	8.05270	1760.7073	220.800	28.85	140.68	2
3305	C6H15N	1-amino-3-methylpentane	42245-37-4	7.79043	1678.0402	222.148	24.97	141.96	2
3306	C6H15N	1-amino-4-methylpentane	5344-20-7	7.01831	1261.0084	181.475	28.05	147.21	1,2
3307	C6H15N	2-amino-2-methylpentane	53310-02-4	6.97207	1174.9802	185.343	11.40	124.66	1,2
3308	C6H15N	2-amino-3-methylpentane	35399-81-6	8.55962	1920.1300	218.484	35.51	138.56	2
3309	C6H15N	2-amino-4-methylpentane	108-09-8	6.91554	1186.0494	184.910	15.59	132.75	1,2
3310	C6H15N	3-amino-2-methylpentane	54287-41-1	8.55962	1920.1300	218.484	35.51	138.56	2
3311	C6H15N	3-amino-3-methylpentane	3495-46-3	7.11448	1265.9477	179.381	27.66	142.53	2
3312	C6H15N	1-amino-2,2-dimethylbutane	41781-17-3	6.63068	1133.6675	182.684	18.65	146.03	2
3313	C6H15N	1-amino-2,3-dimethylbutane	66553-05-7	6.38401	1070.2960	185.882	12.91	148.36	2
3314	C6H15N	1-amino-3,3-dimethylbutane	15673-00-4	8.40866	1872.6976	219.138	33.63	139.15	2
3315	C6H15N	2-amino-2,3-dimethylbutane	4358-75-2	6.39414	1103.3105	194.398	10.14	149.07	2
3316	C6H15N	2-amino-3,3-dimethyl butane	3850-30-4	6.82649	1132.0112	185.049	9.24	125.55	1,2
3317	C6H15N	1-amino-2-ethylbutane	617-79-8	8.58864	1929.2436	218.362	35.87	138.46	2
3318	C6H15N	2-hexanamine, (±)	68107-05-1	7.56561	1607.0603	223.399	21.37	143.19	2
3319	C6H15N	methylpentylamine	25419-06-1	7.03685	1252.2501	184.309	23.13	140.53	1,2
3320	C6H15N	methyl-1-methylbutylamine	51932-19-5	7.85794	1663.4336	224.578	17.98	131.15	2
3321	C6H15N	methyl-2-methylbutylamine	90023-96-4	7.85794	1663.4336	224.578	17.98	131.15	2
3322	C6H15N	methyl-3-methylbutylamine	52317-98-3	7.12588	1230.6483	185.901	14.99	126.13	1,2
3323	C6H15N	methyl-1,1-dimethylpropylamine	---	7.71045	1617.8861	225.354	15.75	131.91	2
3324	C6H15N	methyl-1,2-dimethylpropylamine	34317-39-0	7.85794	1663.4336	224.578	17.98	131.15	2
3325	C6H15N	methyl-2,2-dimethylpropylamine	26153-91-3	7.71045	1617.8861	225.354	15.75	131.91	2
3326	C6H15N	ethylbutylamine	13360-63-9	6.96469	1206.9042	186.679	15.66	132.37	1,2
3327	C6H15N	ethyl-sec-butylamine	21035-44-9	6.48480	1075.0458	188.656	7.35	136.82	2
3328	C6H15N	ethylisobutylamine	13205-60-2	6.97004	1170.1551	188.656	7.35	120.24	1,2
3329	C6H15N	ethyl-tert-butylamine	4432-77-3	6.50225	1009.1577	192.663	-9.25	111.26	1,2
3330	C6H15N	di-propylamine	142-84-7	7.31992	1459.3006	218.887	12.02	133.76	1,2
3331	C6H15N	diisopropylamine	108-18-9	7.33038	1444.0078	240.678	-12.57	107.40	1,2
3332	C6H15N	propylisopropylamine	21968-17-2	7.02967	1182.7280	188.573	7.58	118.80	1,2
3333	C6H15N	N-ethyl-2-butanamine, (±)	116724-10-8	7.12871	1437.7369	228.820	5.77	135.45	2
3334	C6H15N	methylethylpropylamine	4458-32-6	6.87728	1122.4926	189.371	1.62	114.38	1,2
3335	C6H15N	methylethylisopropylamine	39198-07-7	6.81952	1103.0765	188.560	0.99	114.68	1,2
3336	C6H15N	dimethylbutylamine	927-62-8	6.60646	1035.6403	185.126	-0.40	117.28	1,2
3337	C6H15N	dimethyl-sec-butylamine	921-04-0	6.85116	1116.0985	187.859	2.89	116.31	1,2
3338	C6H15N	dimethylisobutylamine	7239-24-9	6.86941	1082.9330	191.507	-7.00	102.16	1,2
3339	C6H15N	dimethyl-tert-butylamine	918-02-5	7.14393	1141.6181	187.290	-1.48	100.85	1,2
3340	C6H15N	triethylamine	121-44-8	6.50310	919.4203	164.674	2.40	112.16	1,2
3341	C6H15NO	6-aminohehexanol	4048-33-3	8.54698	2324.9243	191.290	116.77	242.05	3
3342	C6H15NO	2-amino-4-methyl-1-pentanol, (±)	16369-17-8	7.09862	1770.5032	200.742	89.57	251.29	3
3343	C6H15NO	2-(butylamino)ethanol	111-75-1	7.87052	1994.5958	200.742	89.57	224.66	1,2
3344	C6H15NO	2-[tert-butylamino]ethanol	4620-70-6	7.87160	1914.2041	206.997	44.00	201.17	1,2
3345	C6H15NO	2-diethylaminoethanol	100-37-8	7.97335	1893.4048	210.750	60.77	184.41	1,2
3346	C6H15NO	2-(isobutylamino)ethanol	17091-40-6	7.09862	1770.5032	200.742	89.57	251.29	3
3347	C6H15NO	DL-2-amino-1-hexanol	5665-74-7	6.84211	1671.6395	202.966	83.17	253.73	3
3348	C6H15NO	2-dimethylamino-2-methyl-1-propanol	7005-47-2	6.04118	1360.8870	211.584	19.00	264.36	3
3349	C6H15NO	4-amino-4-methyl-2-pentanol	4404-98-2	7.87433	1907.2481	207.595	69.85	198.85	1,2
3350	C6H15NO2	diisopropanolamine	110-97-4	8.85301	2601.5595	186.912	144.37	271.82	1,2
3351	C6H15NS	N,N-dimethyl-S-tert-butylthio-hydroxylamine	900000-21-7	6.41724	1480.0000	273.150	0.05	184.29	3
3352	C6H15N3	N-aminoethyl piperazine	140-31-8	7.58427	1984.1239	201.794	99.55	248.89	1,2
3353	C6H15O2PS3	thiometon	640-15-3	13.30339	3980.8000	271.940	51.61	121.36	3
3354	C6H15O3PS2	demeton s methyl	919-86-8	9.36364	3410.0000	246.430	161.29	305.19	3
3355	C6H15O3PS2	O,O-dimethyl O-[2-(ethylthio)ethyl]-thiophosphate	867-27-6	7.54095	2428.6000	216.420	154.87	340.71	3
3356	C6H15O4P	triethyl phosphate	78-40-0	7.87023	2317.2720	249.437	87.85	244.82	3
3357	C6H16FN2OP	mipafox	371-86-8	10.48899	3033.0000	273.150	46.48	141.92	3
3358	C6H16N2	hexamethylenediamine	124-09-4	7.49476	1868.9049	200.506	87.25	232.82	1,2
3359	C6H16N2	N,N-diethyl-1,2-ethanediamine	100-36-7	7.58107	1701.8803	216.032	42.57	170.83	1,2
3360	C6H16N2	N,N'-diethyl-1,2-ethanediamine	111-74-0	7.36599	1652.9064	215.476	44.17	179.56	1,2

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mmHg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
3361	C6H16N2	N,N,N',N'-tetramethyl-1,2-ethanediamine	110-18-9	7.66820	1644.3526	222.426	24.17	144.10	1,2
3362	C6H16N2	1,2-diisopropylhydrazine	3711-34-0	7.66919	1658.5234	221.314	27.37	148.29	1,2
3363	C6H16N2	N-butylethylenediamine	19522-69-1	7.28596	1671.5017	212.140	53.77	195.13	3
3364	C6H16N2	1,5-diamino-2-methylpentane	15520-10-2	9.12978	2310.3232	202.410	81.77	186.01	3
3365	C6H16N2	N-isopropyl-1,3-propanediamine	3360-16-5	7.67768	1789.6072	211.028	56.97	187.03	1,2
3366	C6H16N2	N-propyl-1,3-propanediamine	23764-31-0	7.67915	1814.4077	209.082	62.57	194.36	1,2
3367	C6H16N2	N,N,N'-trimethyl-1,3-propanediamine	4543-96-8	7.67302	1715.2073	216.866	40.17	165.04	1,2
3368	C6H16N2	2-methyl-2,4-pentanediamine	21586-21-0	7.21112	1645.4061	212.672	52.24	195.69	3
3369	C6H16O2Si	diethoxydimethylsilane	78-62-6	7.02900	1335.0862	207.848	13.60	139.18	3
3370	C6H18Cl2O2Si3	1,5-dichloro-1,1,3,3,5,5-hexamethyltrisiloxane	3582-71-6	7.44810	1860.4527	223.343	65.18	212.74	3
3371	C6H18N3OP	hexamethyl phosphoramidate	680-31-9	8.06420	2397.8299	229.599	109.84	261.52	3
3372	C6H18N4	triethylene tetramine	112-24-3	8.10006	2319.7769	177.916	148.81	293.75	1,2
3373	C6H18OSi2	hexamethyldisiloxane	107-46-0	6.95604	1285.1162	215.098	0.67	125.40	3
3374	C6H18O3Si3	hexamethylcyclotrisiloxane	541-05-9	6.89602	1350.2288	201.168	27.84	162.36	3
3375	C6H19NSi2	hexamethyldisilazane	999-97-3	7.30838	1581.2599	231.139	19.52	152.05	3
3376	C7Cl4F12	1,1,1,7-tetrachloro-2,2,3,3,4,4,5,5,6,6,7,7-dodecafluoroheptane	1550-21-6	6.74590	1907.0000	273.150	58.74	261.91	3
3377	C7F12O6	hexafluoroperoxy-glutaric	32751-20-5	9.23220	2472.7000	273.150	27.22	135.54	3
3378	C7F14	perfluoro-1-heptene	355-63-5	7.40096	1421.1178	233.546	-11.53	103.28	1,2
3379	C7F14	perfluoromethylcyclohexane	355-02-2	5.99273	1019.6949	221.073	-21.00	141.69	3
3380	C7F14	perfluorocycloheptane	355-59-9	7.43010	1610.0000	273.150	-22.76	105.83	3
3381	C7F16	perfluoroheptane	335-57-9	7.54750	1469.9080	233.129	-8.63	103.57	1,2
3382	C7F17N	perfluoro-N,N-diethylpropylamine	338-81-8	8.52110	2048.0000	273.150	-0.85	110.42	3
3383	C7HF15	1H-pentadecafluoroheptane	375-83-7	4.32227	886.4760	269.140	-7.00	508.18	3
3384	C7H3ClF3NO2	4-chloro-3-nitrobenzotrifluoride	121-17-5	7.43420	1894.1606	193.989	100.40	251.45	3
3385	C7H3ClF3NO2	1-chloro-4-nitro-2-(trifluoromethyl)benzene	777-37-7	7.15011	1778.7600	184.640	90.85	263.61	3
3386	C7H3Cl2F3	2,4-dichlorobenzotrifluoride	320-60-5	7.19574	1677.6421	211.299	59.47	206.66	3
3387	C7H3Cl2F3	3,4-dichlorobenzotrifluoride	328-84-7	8.45002	2636.7560	300.003	53.92	200.50	3
3388	C7H3Cl2NO	3,4-dichlorophenyl isocyanate	102-36-3	6.54183	1737.8998	218.705	94.89	298.53	1,2
3389	C7H3Cl5	1,2-dichloro-4-(trichloromethyl)benzene	13014-24-9	7.48793	2121.6330	177.363	149.65	315.34	1,2
3390	C7H3Cl5	2,3,4,5,6-pentachlorotoluene	877-11-2	8.06290	2410.0458	172.386	168.84	321.37	2
3391	C7H3Cl5	1,2,3-trichloro-4-(dichloromethyl)benzene	56961-82-1	7.02749	1955.0189	178.780	145.57	329.59	2
3392	C7H3Cl5	1,2,4-trichloro-5-(dichloromethyl)benzene	113-53-9	7.10156	1987.0040	178.085	111.53	328.84	2
3393	C7H3Cl5	a-a-a-2,4-pentachlorotoluene	13014-18-1	4.85607	979.5873	203.244	50.79	381.86	2
3394	C7H3F5	2,3,4,5,6-pentafluorotoluene	771-56-2	6.92819	1333.3661	209.534	15.39	146.38	3
3395	C7H4ClF3	p-chlorobenzotrifluoride	98-56-6	7.17325	1548.5951	222.073	28.78	165.91	3
3396	C7H4ClF3	1-chloro-2-(trifluoromethyl)benzene	88-16-4	6.97082	1460.2210	204.822	39.74	180.56	3
3397	C7H4ClF3	1-chloro-3-(trifluoromethyl)benzene	98-15-7	7.06934	1465.5618	212.399	29.07	164.59	3
3398	C7H4ClNO	4-chlorophenyl isocyanate	104-12-1	14.84861	1.0528E+04	676.198	49.85	226.20	1,2
3399	C7H4ClNO	3-chlorophenyl isocyanate	2909-38-8	6.78135	1474.0300	177.154	70.85	232.35	3
3400	C7H4ClNO3	3-nitrobenzoyl chloride	121-90-4	8.81186	3260.0000	273.150	144.16	305.89	3
3401	C7H4Cl2O	m-chlorobenzoyl chloride	618-46-2	6.82161	1866.7160	225.056	95.60	287.81	3
3402	C7H4Cl2O	o-chlorobenzoyl chloride	609-65-4	6.09241	1302.4615	156.916	93.00	290.58	3
3403	C7H4Cl2O	p-chlorobenzoyl chloride	122-01-0	7.68925	2508.9649	273.150	96.85	283.48	3
3404	C7H4Cl4	1-chloro-2-(trichloromethyl)benzene	2136-89-2	6.98885	1826.5924	182.589	122.41	297.21	1,2
3405	C7H4Cl4	1-chloro-3-(trichloromethyl)benzene	2136-81-4	6.94205	1783.4713	185.174	114.97	289.13	2
3406	C7H4Cl4	1-chloro-4-(trichloromethyl)benzene	5216-25-1	6.89803	1739.4732	187.954	106.97	280.13	1,2
3407	C7H4Cl4	1,2-dichloro-4-(dichloromethyl)benzene	56961-84-3	7.00363	1808.2229	184.618	116.57	288.52	2
3408	C7H4Cl4	1,2,3,5-tetrachloro-4-methylbenzene	875-40-1	7.68885	2082.6895	179.197	94.00	282.90	2
3409	C7H4Cl4	1,2,4,5-tetrachloro-3-methylbenzene	1006-31-1	7.17594	1878.0669	183.284	120.81	286.93	2
3410	C7H4Cl4	1,2,4-trichloro-5-(chloromethyl)benzene	3955-26-8	7.55323	2028.4882	180.170	129.37	283.87	2
3411	C7H4F3NO2	3-nitrobenzotrifluoride	98-46-4	7.40372	1847.4366	205.683	82.81	231.90	3
3412	C7H4F4	1-fluoro-3-(trifluoromethyl)benzene	401-80-9	7.87680	1530.5408	215.732	6.83	110.26	3
3413	C7H4F4	1-fluoro-4-(trifluoromethyl)benzene	402-44-8	8.02667	1750.5018	249.555	-0.43	111.76	3
3414	C7H4F12O	1H,1H,7H-dodecafluoroheptanol	335-99-9	9.18602	2791.0000	273.150	67.80	191.69	3
3415	C7H5BrO	benzoyl bromide	618-32-6	7.71448	2218.5223	240.473	89.94	248.98	3
3416	C7H5ClO	benzoyl chloride	98-88-4	7.87439	2119.7138	235.784	72.57	215.93	3
3417	C7H5ClO	2-chlorobenzaldehyde	89-98-5	8.27661	2091.9681	199.000	88.49	211.61	3
3418	C7H5ClO2	o-chlorobenzoic acid	118-91-2	13.09790	3949.2762	168.849	142.00	229.42	3
3419	C7H5Cl2N	phenyl isocyanide dichloride	622-44-6	6.40902	1976.4719	273.150	92.25	339.30	3
3420	C7H5Cl3	benzotrifluoride	98-07-7	6.38315	1495.8777	196.711	81.17	270.56	2
3421	C7H5Cl3	1,2-dichloro-4-(chloromethyl)benzene	102-47-6	6.86719	1714.6068	189.066	103.17	276.18	1,2
3422	C7H5Cl3	1,3-dichloro-5-(chloromethyl)benzene	3290-06-0	6.30829	1466.7623	197.545	78.77	271.60	2
3423	C7H5Cl3	1,2,3-trichloro-4-methylbenzene	7359-72-0	7.30765	1853.2011	188.232	105.57	260.94	2
3424	C7H5Cl3	1,2,3-trichloro-5-methylbenzene	21472-86-6	7.38106	1881.4320	187.676	107.17	260.37	2
3425	C7H5Cl3	1,2,4-trichloro-5-methylbenzene	6639-30-1	6.83036	1673.4087	191.846	82.40	266.81	1,2
3426	C7H5Cl3	1,2,5-trichloro-3-methylbenzene	56961-86-5	6.84211	1673.7311	192.124	94.37	265.15	2
3427	C7H5Cl3	3-chlorobenzal chloride	15145-69-4	6.30829	1466.7623	197.545	78.77	271.60	2
3428	C7H5Cl3	2,6-dichlorobenzyl chloride	2014-83-7	4.46151	717.0928	223.260	-16.10	337.12	2
3429	C7H5Cl3	dichlorobenzyl chloride	38721-71-0	4.58418	770.3775	221.870	-6.93	327.48	2
3430	C7H5Cl3	2,4-dichlorobenzyl chloride	94-99-5	6.87647	1738.7894	187.120	108.77	283.51	1,2
3431	C7H5Cl3	2,3,6-trichlorotoluene	2077-46-5	6.30829	1466.7623	197.545	78.77	271.60	2
3432	C7H5Cl3	a-a-p-trichlorotoluene	13940-94-8	6.30829	1466.7623	197.545	78.77	271.60	2
3433	C7H5Cl3F8	1,1,2,2,3,3,4,4-octafluoro-1,5,5-trichloroheptane	16395-71-4	7.11940	1972.2000	273.150	49.14	227.72	3
3434	C7H5FO2	3-fluorobenzoic acid	455-38-9	12.43710	4771.0000	273.150	144.00	242.34	3
3435	C7H5F3	benzotrifluoride	98-08-8	7.04767	1365.7402	225.913	-29.01	127.37	1,2
3436	C7H5N	benzonitrile	100-47-0	7.37230	1869.9045	225.472	67.97	220.76	1,2
3437	C7H5NO	phenyl isocyanate	103-71-9	7.63358	1947.9049	244.056	49.59	193.50	1,2
3438	C7H5NS	phenyl isothiocyanate	103-72-0	6.76237	1613.2784	194.626	79.40	255.94	3
3439	C7H5N3O6	2,4,6-trinitrotoluene	118-96-7	6.50406	1879.7702	199.978	191.55	415.84	3
3440	C7H6Br2	1-bromo-2-(bromomethyl)benzene	3433-80-5	6.95733	1767.8870	188.788	107.97	279.47	2

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mmHg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
3441	C7H6Br2	1-bromo-4-(bromomethyl)benzene	589-15-1	6.95733	1767.8870	188.788	107.97	279.47	2
3442	C7H6Br2	(dibromomethyl)benzene	618-31-5	6.95733	1767.8870	188.788	107.97	279.47	2
3443	C7H6Br2	1,2-dibromo-3-methylbenzene	61563-25-5	6.95733	1767.8870	188.788	107.97	279.47	2
3444	C7H6Br2	1,2-dibromo-4-methylbenzene	60956-23-2	6.79154	1698.1623	189.344	103.87	281.10	2
3445	C7H6Br2	1,3-dibromo-2-methylbenzene	69321-60-4	6.97259	1769.9548	187.676	108.67	279.24	2
3446	C7H6Br2	1,4-dibromo-2-methylbenzene	615-59-8	6.92539	1725.0359	190.456	100.67	270.35	1,2
3447	C7H6Br2	2,4-dibromo-1-methylbenzene	31543-75-6	6.95733	1767.8870	188.788	107.97	279.47	2
3448	C7H6Br2	3-bromobenzyl bromide	823-78-9	6.95733	1767.8870	188.788	107.97	279.47	2
3449	C7H6Br2	3,4-dibromotoluene	60956-23-2	6.95733	1767.8870	188.788	107.97	279.47	2
3450	C7H6Br2	3,5-dibromotoluene	1611-92-3	6.93797	1759.6954	187.676	108.67	280.81	1,2
3451	C7H6Cl2	benzyl dichloride	98-87-3	9.00878	2566.9522	241.742	78.78	198.79	1,2
3452	C7H6Cl2	2,4-dichlorotoluene	95-73-8	6.95976	1632.4287	200.159	73.75	231.94	1,2
3453	C7H6Cl2	1-chloro-2-(chloromethyl)benzene	611-19-8	7.05756	1709.4943	195.738	86.47	245.34	1,2
3454	C7H6Cl2	1-chloro-3-(chloromethyl)benzene	620-20-2	6.95996	1678.8388	196.016	85.67	248.34	1,2
3455	C7H6Cl2	1-chloro-4-(chloromethyl)benzene	104-83-6	7.58319	1878.4500	194.070	91.27	232.72	2
3456	C7H6Cl2	2,3-dichlorotoluene	32768-54-0	6.93315	1644.9608	198.379	78.87	240.12	1,2
3457	C7H6Cl2	2,5-dichlorotoluene	19398-61-9	6.97129	1632.1579	200.464	72.87	230.25	1,2
3458	C7H6Cl2	2,6-dichlorotoluene	118-69-4	6.87308	1599.1814	201.020	71.27	232.22	1,2
3459	C7H6Cl2	3,4-dichlorotoluene	95-75-0	6.93501	1649.8138	197.990	79.99	241.59	1,2
3460	C7H6Cl2	3,5-dichlorotoluene	25186-47-4	6.92508	1624.1679	200.047	74.07	233.85	1,2
3461	C7H6F2	(difluoromethyl)benzene	455-31-2	8.68747	1925.8224	217.144	33.37	132.65	2
3462	C7H6F2	3,4-difluorotoluene	2927-34-6	7.14459	1447.8936	225.067	10.57	140.31	2
3463	C7H6F2	2,6-difluorotoluene	443-84-5	7.16580	1454.5013	224.928	10.97	140.16	2
3464	C7H6F2	2,5-difluorotoluene	452-67-5	7.27951	1497.3884	223.566	14.89	141.86	1,2
3465	C7H6F2	2,4-difluorotoluene	452-76-6	7.27328	1489.6803	224.094	13.37	140.00	1,2
3466	C7H6F3N	3-(trifluoromethyl)aniline	98-16-8	7.21685	1650.2100	193.580	60.85	215.39	3
3467	C7H6N2O4	2,4-dinitrotoluene	121-14-2	8.61922	3718.3472	326.531	161.49	357.32	1,2
3468	C7H6N2O4	2,5-dinitrotoluene	619-15-8	7.63242	2356.2451	175.376	179.89	354.05	3
3469	C7H6N2O4	2,6-dinitrotoluene	606-20-2	7.23733	2110.8922	181.812	156.62	338.69	1,2
3470	C7H6N2O4	3,4-dinitrotoluene	610-39-9	8.39531	2721.8666	173.075	194.98	349.01	3
3471	C7H6N2O4	3,5-dinitrotoluene	618-85-9	8.12276	2986.8920	251.868	167.48	352.65	1,2
3472	C7H6O	benzaldehyde	100-52-7	7.25044	1733.7871	217.931	59.46	208.21	1,2
3473	C7H6O2	benzoic acid	65-85-0	7.42616	1826.9348	152.886	122.37	277.56	1,2
3474	C7H6O2	salicylaldehyde	90-02-8	8.32515	2546.3883	270.663	76.96	224.42	1,2
3475	C7H6O3	salicylic acid	69-72-7	8.03202	2134.5800	159.697	143.85	280.41	1,2
3476	C7H7Br	p-bromotoluene	106-38-7	6.97508	1593.3437	204.815	26.80	215.23	1,2
3477	C7H7Br	(bromomethyl)benzene	100-39-0	7.07836	1673.7160	200.186	75.17	229.35	1,2
3478	C7H7Br	o-bromotoluene	95-46-5	6.97994	1586.3681	205.552	59.73	212.12	1,2
3479	C7H7Br	m-bromotoluene	591-17-3	6.97254	1590.6406	204.996	61.33	214.62	1,2
3480	C7H7Cl	benzyl chloride	100-44-7	7.03693	1600.2770	206.191	58.89	208.92	1,2
3481	C7H7Cl	o-chlorotoluene	95-49-8	7.03212	1535.2382	211.821	42.69	186.91	1,2
3482	C7H7Cl	p-chlorotoluene	106-43-4	7.01866	1542.3368	210.889	45.37	191.09	1,2
3483	C7H7Cl	m-chlorotoluene	108-41-8	7.00423	1538.0122	210.945	45.21	191.43	1,2
3484	C7H7ClO	o-chloroanisole	766-51-8	8.08246	2248.0790	239.707	77.71	219.03	3
3485	C7H7F	p-fluorotoluene	352-32-9	7.13589	1444.9066	222.923	12.56	142.50	1,2
3486	C7H7F	(fluoromethyl)benzene	350-50-5	7.22961	1548.1482	217.144	31.37	165.33	1,2
3487	C7H7F	o-fluorotoluene	95-52-3	7.20229	1460.4168	224.094	11.37	139.15	1,2
3488	C7H7F	m-fluorotoluene	352-70-5	7.09937	1436.1848	224.094	11.37	142.51	1,2
3489	C7H7I	1-iodo-2-methylbenzene	615-37-2	6.91560	1649.4887	197.267	81.57	244.51	1,2
3490	C7H7I	1-iodo-3-methylbenzene	625-95-6	6.91761	1654.6835	196.850	82.77	246.08	1,2
3491	C7H7I	(iodomethyl)benzene	620-05-3	6.88690	1642.5118	197.175	81.84	246.14	2
3492	C7H7I	p-iodotoluene	624-31-7	6.89945	1643.4475	197.406	81.17	244.66	1,2
3493	C7H7IO	1-iodo-4-methoxybenzene	696-62-8	7.38902	2003.4000	206.390	107.18	269.80	3
3494	C7H7NO	formanilide	103-70-8	9.94183	2925.9849	188.545	138.68	244.29	3
3495	C7H7NO2	m-nitrotoluene	99-08-1	7.91347	2490.4849	264.314	95.92	262.03	1,2
3496	C7H7NO2	o-nitrotoluene	88-72-2	6.99543	1499.1387	141.495	108.55	251.61	1,2
3497	C7H7NO2	p-nitrotoluene	99-99-0	8.12745	2724.4073	281.417	100.82	269.46	1,2
3498	C7H7NO3	2-methyl-4-nitrophenol	99-53-6	5.23541	1071.1115	188.868	64.03	332.72	3
3499	C7H7NO3	2-methyl-6-nitrophenol	13073-29-5	5.28753	1094.8220	188.868	66.48	331.07	3
3500	C7H7NO3	4-methyl-2-nitrophenol	119-33-5	5.29311	1097.3573	188.868	66.74	330.90	3
3501	C7H7NO3	o-nitroanisole	91-23-6	7.77711	2540.3278	242.792	132.05	310.02	3
3502	C7H7NO3	4-methyl-3-nitrophenol	2042-14-0	5.27017	1086.9248	188.868	65.67	331.61	3
3503	C7H7NO3	3-methyl-4-nitrophenol	2581-34-2	5.14431	1029.6675	188.868	59.59	335.81	3
3504	C7H7NO3	3-methyl-2-nitrophenol	4920-77-8	5.29311	1097.3573	188.868	66.74	330.90	3
3505	C7H7NO3	2-methyl-3-nitrophenol	5460-31-1	5.05499	989.0388	188.868	55.04	339.14	3
3506	C7H7NO3	5-methyl-2-nitrophenol	700-38-9	5.29311	1097.3573	188.868	66.74	330.90	3
3507	C7H8	1,3,5-cycloheptatriene	544-25-2	7.41295	1684.3144	255.088	7.55	142.99	1,2
3508	C7H8	toluene	108-88-3	7.13657	1457.2871	231.827	5.65	136.67	1,2
3509	C7H8	1,6-heptadien-3-yne	5150-80-1	6.89241	1372.0725	225.484	7.37	144.29	2
3510	C7H8	1,5-heptadiyne	764-56-7	7.27917	1529.3734	226.172	17.39	147.09	2
3511	C7H8	1,6-heptadiyne	2396-63-6	7.95864	1711.1189	224.928	20.97	133.29	1,2
3512	C7H8	2,5-norbornadiene	121-46-0	7.27702	1466.3258	244.043	-15.00	114.02	1,2
3513	C7H8	quadricyclane	278-06-8	7.26267	1469.9737	228.926	5.79	131.29	3
3514	C7H8	methyl divinyl acetylene	820-54-2	6.79912	1342.8617	226.172	5.39	145.06	2
3515	C7H8Cl2Si	dichloromethylphenylsilane	149-74-6	7.23724	1833.1898	216.601	77.31	235.44	3
3516	C7H8Cl2Si	dichloro-4-tolylsilane	13272-80-5	7.94783	2094.4700	216.940	84.52	222.52	3
3517	C7H8Cl2Si	dichlorobenzylsilane	18173-99-4	7.88763	2033.0700	211.740	83.44	220.30	3
3518	C7H8F2Si	difluoromethylphenylsilane	328-57-4	7.13592	1507.4100	211.090	29.85	170.14	3
3519	C7H8N2O2	2-methyl-3-nitroaniline	603-83-8	7.46003	2181.1929	171.274	166.37	338.57	1,2
3520	C7H8N2O2	2-methyl-4-nitroaniline	99-52-5	6.24460	1616.2131	185.869	122.30	341.83	3

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mmHg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
3521	C7H8N2O2	2-methyl-5-nitroaniline	99-55-8	6.30843	1646.8830	185.869	124.37	340.87	3
3522	C7H8N2O2	2-methyl-6-nitroaniline	570-24-1	6.30843	1646.8830	185.869	124.37	340.87	3
3523	C7H8N2O2	4-methyl-2-nitroaniline	89-62-3	6.30843	1646.8830	185.869	124.37	340.87	3
3524	C7H8N2O2	N-methyl-2-nitroaniline	612-28-2	6.30843	1646.8830	185.869	124.37	340.87	3
3525	C7H8N2O2	N-methyl-4-nitroaniline	100-15-2	6.09019	1542.0262	185.869	117.07	344.34	3
3526	C7H8N2O2	4-methyl-3-nitroaniline	119-32-4	6.30843	1646.8830	185.869	124.37	340.87	3
3527	C7H8O	anisole	100-66-3	7.32615	1674.4509	223.096	41.59	180.94	1,2
3528	C7H8O	benzyl alcohol	100-51-6	7.91658	2058.5071	203.928	93.69	230.84	1,2
3529	C7H8O	m-cresol	108-39-4	6.88355	1305.0894	124.000	97.82	228.57	1,2
3530	C7H8O	o-cresol	95-48-7	7.25427	1619.2661	179.098	79.81	218.52	1,2
3531	C7H8O	p-cresol	106-44-5	7.57676	1886.6598	199.914	86.95	229.37	1,2
3532	C7H8O	cresol mixture	1319-77-3	7.67834	1898.4408	201.298	82.97	220.91	2
3533	C7H8O2	guaiacol	90-05-1	7.89776	2203.8004	234.222	85.27	233.09	1,2
3534	C7H8O2	p-methoxyphenol	150-76-5	11.15260	3148.7323	189.743	120.40	205.29	3
3535	C7H8O2	1,2-dihydroxy-3-methylbenzene	488-17-5	18.07987	5081.1137	143.388	154.10	197.67	3
3536	C7H8O2S	6-methyl-4-methoxy-2h-pyran-2-thion	52911-98-5	13.67768	5685.8650	273.150	175.34	268.58	3
3537	C7H8O2S	2-methyl-6-(methylthio)-4h-pyran-4-one	52911-99-6	8.39988	3274.1260	273.150	169.31	354.31	3
3538	C7H8S	o-methylthiophenol	137-06-4	7.20751	1784.5278	217.395	70.08	225.89	1,2
3539	C7H8S	m-methylthiophenol	108-40-7	7.21524	1720.2333	201.827	74.95	224.67	1,2
3540	C7H8S	p-methylthiophenol	106-45-6	7.20784	1717.5372	201.882	44.00	224.73	1,2
3541	C7H8S	methyl phenyl sulfide	100-68-5	7.29366	1722.6866	202.330	71.39	216.63	1,2
3542	C7H8S	benzenemethanethiol	100-53-8	7.22963	1723.8911	201.854	74.87	224.03	1,2
3543	C7H8Se	methyl phenyl selenide	4346-64-9	8.75010	2740.0000	273.150	80.39	218.93	3
3544	C7H9Cl	5-chloro-5-methyl-1-hexen-3-yne	819-44-3	6.15403	1317.6236	217.072	38.58	226.25	2
3545	C7H9F9N2OSSi	1,1,1-trifluoro-N-[2,2,2-trifluoro-1-(trifluoro)]methane-sulfonamide	62609-67-0	7.70010	2058.0000	273.150	19.85	182.34	3
3546	C7H9N	benzylamine	100-46-9	7.38426	1807.5913	216.379	66.75	213.75	1,2
3547	C7H9N	N-methylaniline	100-61-8	7.78585	2097.9464	232.863	76.30	222.82	1,2
3548	C7H9N	m-toluidine	108-44-1	7.12035	1557.1683	164.447	89.98	230.92	1,2
3549	C7H9N	o-toluidine	95-53-4	7.07154	1529.6730	165.164	86.78	228.10	1,2
3550	C7H9N	p-toluidine	106-49-0	7.28061	1765.1881	200.348	43.75	230.32	1,2
3551	C7H9N	2,3-dimethylpyridine	583-61-9	7.17169	1608.2229	211.251	49.33	191.83	1,2
3552	C7H9N	2,4-dimethylpyridine	108-47-4	7.28091	1627.5039	212.029	47.09	185.01	1,2
3553	C7H9N	2,5-dimethylpyridine	589-93-5	7.21683	1606.3550	212.418	45.97	185.69	1,2
3554	C7H9N	2,6-dimethylpyridine	108-48-5	7.25319	1573.4804	216.018	35.61	170.46	1,2
3555	C7H9N	3,4-dimethylpyridine	583-58-4	7.96267	1879.3958	206.275	63.65	186.84	1,2
3556	C7H9N	3,5-dimethylpyridine	591-22-0	7.36415	1693.9197	208.276	57.89	196.74	1,2
3557	C7H9N	2-ethylpyridine	100-71-0	7.28058	1597.9122	214.531	39.89	175.32	1,2
3558	C7H9N	3-ethylpyridine	536-78-7	7.34425	1672.3959	209.638	53.97	192.15	1,2
3559	C7H9N	4-ethylpyridine	536-75-4	7.30239	1668.6001	209.027	55.73	195.92	1,2
3560	C7H10	2-norbornene	498-66-8	6.94054	1353.5253	237.903	-10.06	122.20	1,2
3561	C7H10	1-hepten-3-yne	2384-73-8	7.59082	1574.2457	225.484	13.37	131.57	1,2
3562	C7H10	3-ethyl-3-penten-1-yne	14272-54-9	6.91374	1370.8477	229.237	2.57	138.10	2
3563	C7H10	1,3,5-heptatriene	2196-23-8	7.82789	1633.4668	224.511	14.72	127.07	2
3564	C7H10	2-methyl-1,3-cyclohexadiene	1489-57-2	7.17938	1426.5063	226.179	4.67	130.67	2
3565	C7H10	5-methyl-1,3-cyclohexadiene, (±)	116781-86-3	6.92870	1350.0679	227.847	-0.13	132.47	2
3566	C7H10	bicyclo[4.1.0]hept-3-ene	16554-83-9	6.82179	1348.0550	217.061	14.49	153.29	1,2
3567	C7H10	2-methyl-1-hexen-3-yne	23056-94-2	8.18615	1740.8247	223.677	18.57	124.19	1,2
3568	C7H10	1-methyl-1,3-cyclohexadiene	1489-56-1	7.09031	1375.9011	228.806	-2.89	123.22	1,2
3569	C7H10	tricyclo[4.1.0.0.2,4]-heptane	187-26-8	6.86548	1347.2904	227.442	2.26	138.31	3
3570	C7H10	tricyclo[2.2,1,0]heptane	279-19-6	6.31060	1079.4778	204.059	-0.79	140.96	3
3571	C7H10	tricyclo[2.2.1.0(2,6)]heptane	4279-19-0	6.42521	1143.3162	211.893	-1.15	140.62	3
3572	C7H10N2	m-toluenediamine	95-80-7	7.60931	2208.3969	182.990	151.14	315.80	1,2
3573	C7H10O	2-heptynal	1846-67-9	6.63692	1525.3977	209.638	60.97	231.86	2
3574	C7H10O	3-heptynal	---	6.63692	1525.3977	209.638	60.97	231.86	2
3575	C7H10O	4-heptynal	---	6.63692	1525.3977	209.638	60.97	231.86	2
3576	C7H10O	5-heptynal	---	6.63692	1525.3977	209.638	60.97	231.86	2
3577	C7H10O	6-heptynal	---	6.63692	1525.3977	209.638	60.97	231.86	2
3578	C7H10O	2-methyl-5-hexynal	---	6.35911	1422.2452	212.418	52.97	235.21	2
3579	C7H10O	3-methyl-5-hexynal	---	6.35911	1422.2452	212.418	52.97	235.21	2
3580	C7H10O	4-methyl-5-hexynal	---	6.35911	1422.2452	212.418	52.97	235.21	2
3581	C7H10O	4-methyl-2-hexynal	---	6.35911	1422.2452	212.418	52.97	235.21	2
3582	C7H10O	5-methyl-2-hexynal	---	6.35911	1422.2452	212.418	52.97	235.21	2
3583	C7H10O	2-ethyl-5-methylfuran	1703-52-2	7.46452	1556.5996	223.121	17.67	140.34	2
3584	C7H10O	2-propylfuran	4229-91-8	7.26023	1492.7043	224.372	14.07	141.63	2
3585	C7H10O2	2-heptynoic acid	---	7.69890	2177.9668	180.605	145	302	3
3586	C7H10O2	3-heptynoic acid	---	7.69890	2177.9668	180.605	145	302	3
3587	C7H10O2	4-heptynoic acid	---	7.69890	2177.9668	180.605	145	302	3
3588	C7H10O2	5-heptynoic acid	---	7.69890	2177.9668	180.605	145	302	3
3589	C7H10O2	6-heptynoic acid	30964-00-2	7.69278	2036.0757	191.738	112	260	1,2
3590	C7H10O2	4-heptynoic acid	---	7.69890	2177.9668	180.605	145	302	3
3591	C7H10O2	4-methyl-2-hexynoic acid	---	7.69890	2177.9668	180.605	145	302	3
3592	C7H10O2	5-methyl-2-hexynoic acid	---	7.69890	2177.9668	180.605	145	302	3
3593	C7H10O2	2-methyl-3-hexynoic acid	---	7.69890	2177.9668	180.605	145	302	3
3594	C7H10O2	5-methyl-3-hexynoic acid	---	7.69890	2177.9668	180.605	145	302	3
3595	C7H10O2	2-methyl-4-hexynoic acid	---	7.69890	2177.9668	180.605	145	302	3
3596	C7H10O2	3-methyl-4-hexynoic acid	---	7.69890	2177.9668	180.605	145	302	3
3597	C7H10O2	4-ethyl-2-pentynoic acid	---	7.69890	2177.9668	180.605	145	302	3
3598	C7H10S	2-propylthiophene	1551-27-5	7.12411	1557.0141	208.885	45.36	186.07	1,2
3599	C7H10S	3-propylthiophene	1518-75-8	7.16715	1576.5145	208.410	47.22	187.17	2
3600	C7H10S	2-isopropylthiophene	4095-22-1	7.14514	1543.6021	209.930	41.26	179.54	1,2

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mmHg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
3601	C7H10S	3-isopropylthiophene	29488-27-5	7.10555	1540.8483	209.170	43.20	183.53	1,2
3602	C7H10S	2-methyl-3-ethylthiophene	53119-51-0	7.01086	1522.1712	209.170	44.07	188.37	2
3603	C7H10S	2-methyl-4-ethylthiophene	13678-54-1	7.10202	1565.5638	208.030	48.53	191.33	1,2
3604	C7H10S	2-methyl-5-ethylthiophene	40323-88-4	7.09549	1554.0825	208.581	46.37	188.51	1,2
3605	C7H10S	3-methyl-2-ethylthiophene	31805-48-8	7.15750	1572.9672	208.410	47.05	187.24	2
3606	C7H10S	3-methyl-4-ethylthiophene	---	7.54785	1724.2154	210.055	53.27	184.86	2
3607	C7H10S	3-methyl-5-ethylthiophene	---	7.56148	1727.9468	209.777	53.57	184.76	2
3608	C7H10S	2,3,4-trimethylthiophene	1795-04-6	7.84256	1813.9019	206.187	58.90	183.00	2
3609	C7H10S	2,3,5-trimethylthiophene	1795-05-7	7.28229	1615.9369	207.745	49.48	186.34	2
3610	C7H11Cl	3-chloro-3-ethyl-1-pentyne	6080-79-1	6.53223	1466.2664	212.071	52.97	225.57	2
3611	C7H11Cl	1-chloro-1-heptyne	51556-10-6	6.08435	1301.7781	216.866	39.17	231.64	2
3612	C7H11Cl	1-chloro-5-heptyne	70396-13-3	6.76433	1551.1025	209.916	59.17	223.05	2
3613	C7H11Cl	7-chloro-3-heptyne	51575-85-0	6.70234	1528.4697	210.472	57.57	223.69	2
3614	C7H11ClO5	(2-chloroethyl)[(1-methoxycarbonyl)-ethyl]carbonate	900000-70-6	7.49518	2655.9234	273.150	91.85	342.60	3
3615	C7H11Cl3O2	trichloroacetic acid, 2,2-dimethylpropyl ester	57392-56-0	5.39359	1525.0000	273.150	73.95	416.35	3
3616	C7H11N	3-ethyl-4-methyl-1H-pyrrole	488-92-6	6.84823	1549.5223	209.986	54.97	212.64	2
3617	C7H11N	2-isopropylpyrrole	7696-51-7	7.08883	1636.1794	208.248	60.47	210.53	2
3618	C7H11N	1-propyl-1H-pyrrole	5145-64-2	6.83272	1486.6758	215.615	39.27	191.59	2
3619	C7H11N	3-propyl-1H-pyrrole	1551-09-3	7.59959	1748.5994	209.986	54.97	185.83	2
3620	C7H11N	1,2,5-trimethyl-1H-pyrrole	930-87-0	7.32981	1697.6317	208.526	59.67	200.74	1,2
3621	C7H11N	6-heptenenitrile	5048-25-9	6.25208	1381.0637	209.986	52.97	239.84	2
3622	C7H11NO	cyclohexyl isocyanate	3173-53-3	5.83643	1330.7664	217.608	57.55	283.70	3
3623	C7H12	1-ethylcyclopentene	2146-38-5	7.01603	1364.4199	224.102	2.70	131.76	1,2
3624	C7H12	3-ethylcyclopentene	694-35-9	6.95570	1296.9303	220.424	-2.66	123.24	1,2
3625	C7H12	4-ethylcyclopentene	3742-38-9	6.95712	1298.6717	220.340	-2.34	123.65	1,2
3626	C7H12	1,2-dimethylcyclopentene	765-47-9	7.01428	1334.7245	220.057	1.87	128.21	1,2
3627	C7H12	1,3-dimethylcyclopentene	62184-82-1	6.60489	1196.4339	221.520	-8.06	128.00	2
3628	C7H12	1,4-dimethylcyclopentene	19550-48-2	6.89087	1261.3310	221.292	-7.18	118.78	1,2
3629	C7H12	1,5-dimethylcyclopentene	16491-15-9	6.89525	1295.3457	220.622	-0.89	128.21	1,2
3630	C7H12	3,3-dimethylcyclopentene	58049-91-5	6.48134	1159.4767	222.280	-10.75	129.13	2
3631	C7H12	3,cis-4-dimethylcyclopentene	56039-55-5	6.58541	1224.0141	230.655	-11.51	128.97	2
3632	C7H12	3,trans-4-dimethylcyclopentene	53225-40-4	6.58541	1224.0141	230.655	-11.51	128.97	2
3633	C7H12	3,cis-5-dimethylcyclopentene	30213-29-7	6.58541	1224.0141	230.655	-11.51	128.97	2
3634	C7H12	3,trans-5-dimethylcyclopentene	61394-27-2	6.58541	1224.0141	230.655	-11.51	128.97	2
3635	C7H12	4,4-dimethylcyclopentene	19037-72-0	6.48134	1159.4767	222.280	-10.75	129.13	2
3636	C7H12	1-methylcyclohexene	591-49-1	6.97202	1341.0252	218.932	5.62	134.88	1,2
3637	C7H12	3-methylcyclohexene	591-48-0	6.85815	1286.1944	219.531	0.03	130.33	1,2
3638	C7H12	4-methylcyclohexene	591-47-9	6.91187	1301.7923	220.091	0.11	128.91	1,2
3639	C7H12	3-methylcyclohexene, (±)	56688-75-6	7.27520	1436.5339	227.152	1.77	123.79	2
3640	C7H12	1-heptyne	628-71-7	6.89629	1264.8103	215.204	-0.69	125.31	1,2
3641	C7H12	2-heptyne	1119-65-9	6.94961	1336.8674	216.566	8.13	138.25	1,2
3642	C7H12	3-heptyne	2586-89-2	6.91249	1296.7967	214.492	4.84	133.11	1,2
3643	C7H12	3-methyl-1-hexyne	40276-93-5	6.88617	1210.7209	217.275	-11.59	109.56	1,2
3644	C7H12	4-methyl-1-hexyne	52713-81-2	6.88592	1230.8036	216.308	-7.20	115.97	1,2
3645	C7H12	5-methyl-1-hexyne	2203-80-7	6.90057	1245.5237	218.000	-6.92	116.93	1,2
3646	C7H12	4-methyl-2-hexyne	20198-49-6	6.84490	1242.3018	213.849	-1.30	125.29	1,2
3647	C7H12	5-methyl-2-hexyne	53566-37-3	6.86764	1270.9919	216.338	0.27	128.50	1,2
3648	C7H12	2-methyl-3-hexyne	36566-80-0	6.85148	1233.2318	215.386	-4.63	120.68	1,2
3649	C7H12	5-methyl-3-hexyne	---	7.30672	1457.6630	229.599	1.53	123.79	2
3650	C7H12	3,3-dimethyl-1-pentyne	918-82-1	6.75590	1113.2408	217.282	-23.87	94.20	1,2
3651	C7H12	3,4-dimethyl-1-pentyne	61064-08-2	6.81421	1163.2947	215.748	-15.67	104.51	1,2
3652	C7H12	4,4-dimethyl-1-pentyne	13361-63-2	6.78740	1150.3722	218.390	-19.62	100.67	1,2
3653	C7H12	4,4-dimethyl-2-pentyne	999-78-0	6.76380	1169.9884	218.311	-15.32	108.32	1,2
3654	C7H12	3-ethyl-1-pentyne	21020-26-8	6.88599	1207.1954	217.409	-12.31	108.50	1,2
3655	C7H12	4-ethyl-1-pentyne	---	6.83412	1314.3250	232.712	-7.43	127.15	2
3656	C7H12	bicyclo[2.2.1]heptane	279-23-2	7.60555	1609.5810	235.371	8.30	128.48	1,2
3657	C7H12	bicyclo[4.1.0]heptane	286-08-8	7.01221	1405.4073	223.677	10.08	143.23	1,2
3658	C7H12	cycloheptene	628-92-2	7.14175	1486.9786	234.630	7.48	140.88	1,2
3659	C7H12	1,2-heptadiene	2384-90-9	7.72125	1599.6932	226.735	11.27	125.67	1,2
3660	C7H12	1,4-heptadiene	5675-22-9	7.62704	1534.0291	230.210	1.27	114.89	1,2
3661	C7H12	1,5-heptadiene	1541-23-7	7.61452	1534.5839	229.932	2.07	116.27	1,2
3662	C7H12	1,6-heptadiene	3070-53-9	7.51587	1486.6180	231.183	-3.03	111.83	1,2
3663	C7H12	2,4-heptadiene	628-72-8	7.62969	1586.5520	226.040	13.27	130.66	1,2
3664	C7H12	2-methyl-1,5-hexadiene	4049-81-4	7.69155	1531.8454	231.573	-2.65	108.11	1,2
3665	C7H12	2-methyl-2,4-hexadiene	28823-41-8	7.18053	1490.3568	225.067	16.07	147.64	1,2
3666	C7H12	2,4-dimethyl-1,3-pentadiene	1000-86-8	7.61422	1531.7511	230.155	1.43	115.43	1,2
3667	C7H12	1-methylbicyclo(3,1,0)hexane	4625-24-5	7.01159	1335.4070	230.183	-8.04	118.51	1,2
3668	C7H12	methylencyclohexane	1192-37-6	6.83914	1265.2785	217.150	-0.46	128.81	1,2
3669	C7H12	2,4-dimethyl-2,3-pentadiene	1000-87-9	7.76228	1538.5083	232.323	-4.81	103.56	1,2
3670	C7H12Br2	1,2-dibromocycloheptane	29974-68-3	10.78006	4699.3650	381.092	99.41	237.39	3
3671	C7H12ClNO	chlorohexyl isocyanate	13654-91-6	7.98220	2541.6300	259.030	89.85	270.44	3
3672	C7H12ClN5	simazine	122-34-9	10.41689	4541.9052	273.150	209.16	354.61	3
3673	C7H12Cl2O2	neopentyl dichloroethanoate	900000-71-7	9.39010	2996.0000	273.150	83.94	209.43	3
3674	C7H12Cl2S	(2-chloroethyl)(2-chlorocyclopentyl)-sulfide	900000-14-8	9.72886	3444.6000	273.150	121.47	252.98	3
3675	C7H12Cl4	1,1,1,7-tetrachloroheptane	3922-36-9	6.00675	1197.6260	117.987	121.22	305.97	3
3676	C7H12O	cycloheptanone	502-42-1	6.95236	1541.0178	199.984	58.91	208.72	1,2
3677	C7H12O	1,5-heptadien-4-ol	5638-26-6	7.61793	1766.1028	212.696	54.17	185.43	2
3678	C7H12O	1,6-heptadien-4-ol	2883-45-6	7.80763	1798.9581	214.086	50.17	174.81	1,2
3679	C7H12O	2-heptenal	18829-55-5	7.63117	1757.8317	209.916	55.17	185.16	2
3680	C7H12O	3-heptenal	89896-73-1	7.01785	1548.1301	214.086	43.17	189.49	2

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mmHg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
3681	C7H12O	4-heptenal	6728-31-0	7.63117	1757.8317	209.916	55.17	185.16	2
3682	C7H12O	trans-4-heptenal	926-22-6	7.63117	1757.8317	209.916	55.17	185.16	2
3683	C7H12O	5-heptenal	---	7.63117	1757.8317	209.916	55.17	185.16	2
3684	C7H12O	6-heptenal	---	7.63117	1757.8317	209.916	55.17	185.16	2
3685	C7H12O	2-methyl-2-hexenal	---	6.84046	1487.2504	215.476	39.17	191.03	2
3686	C7H12O	3-methyl-2-hexenal	---	6.84046	1487.2504	215.476	39.17	191.03	2
3687	C7H12O	4-methyl-2-hexenal	---	6.84046	1487.2504	215.476	39.17	191.03	2
3688	C7H12O	5-methyl-2-hexenal	---	6.84046	1487.2504	215.476	39.17	191.03	2
3689	C7H12O	2-methyl-3-hexenal	---	6.84046	1487.2504	215.476	39.17	191.03	2
3690	C7H12O	3-methyl-3-hexenal	---	6.84046	1487.2504	215.476	39.17	191.03	2
3691	C7H12O	4-methyl-3-hexenal	---	6.84046	1487.2504	215.476	39.17	191.03	2
3692	C7H12O	5-methyl-3-hexenal	---	6.84046	1487.2504	215.476	39.17	191.03	2
3693	C7H12O	2-methyl-4-hexenal	---	6.84046	1487.2504	215.476	39.17	191.03	2
3694	C7H12O	3-methyl-4-hexenal	---	6.84046	1487.2504	215.476	39.17	191.03	2
3695	C7H12O	4-methyl-4-hexenal	---	6.84046	1487.2504	215.476	39.17	191.03	2
3696	C7H12O	5-methyl-4-hexenal	---	6.84046	1487.2504	215.476	39.17	191.03	2
3697	C7H12O	2-methyl-5-hexenal	---	6.84046	1487.2504	215.476	39.17	191.03	2
3698	C7H12O	3-methyl-5-hexenal	---	6.84046	1487.2504	215.476	39.17	191.03	2
3699	C7H12O	4-methyl-5-hexenal	---	6.84046	1487.2504	215.476	39.17	191.03	2
3700	C7H12O	5-methyl-5-hexenal	---	6.84046	1487.2504	215.476	39.17	191.03	2
3701	C7H12O	2,2-dimethyl-2-pentenal	---	6.51868	1376.5037	218.256	31.17	194.26	2
3702	C7H12O	2,3-dimethyl-2-pentenal	---	6.51868	1376.5037	218.256	31.17	194.26	2
3703	C7H12O	2,4-dimethyl-2-pentenal	5497-67-6	7.34400	1544.2779	221.453	21.97	149.57	1,2
3704	C7H12O	2,2-dimethyl-3-pentenal	---	6.51868	1376.5037	218.256	31.17	194.26	2
3705	C7H12O	2,3-dimethyl-3-pentenal	---	6.51868	1376.5037	218.256	31.17	194.26	2
3706	C7H12O	2,4-dimethyl-3-pentenal	---	6.51868	1376.5037	218.256	31.17	194.26	2
3707	C7H12O	2,2-dimethyl-4-pentenal	---	6.51868	1376.5037	218.256	31.17	194.26	2
3708	C7H12O	2,3-dimethyl-4-pentenal	---	6.51868	1376.5037	218.256	31.17	194.26	2
3709	C7H12O	2,4-dimethyl-4-pentenal	---	6.51868	1376.5037	218.256	31.17	194.26	2
3710	C7H12O	1-hepten-3-one	2918-13-0	6.86133	1505.9230	213.198	43.73	196.08	2
3711	C7H12O	4-hepten-2-one	24332-22-7	6.86133	1505.9230	213.198	43.73	196.08	2
3712	C7H12O	6-hepten-2-one	21889-88-3	6.56374	1402.7543	215.754	36.37	199.03	2
3713	C7H12O	6-hepten-3-one	2565-39-1	6.15159	1290.7736	216.588	33.97	218.05	1,2
3714	C7H12O	cis-3-hepten-2-one	69668-88-8	6.86133	1505.9230	213.198	43.73	196.08	2
3715	C7H12O	trans-3-hepten-2-one	5609-09-6	6.85458	1503.5866	213.252	43.57	196.14	2
3716	C7H12O	trans-5-hepten-2-one	1071-94-9	6.82057	1491.8148	213.530	42.77	196.45	2
3717	C7H12O	2-methyl-4-hexen-3-one	53252-19-0	6.65700	1435.1272	214.920	38.77	198.05	2
3718	C7H12O	3-methyl-5-hexen-2-one	2550-22-3	6.33123	1321.8699	217.978	29.97	201.74	2
3719	C7H12O	4-methyl-5-hexen-2-one	61675-14-7	6.34512	1326.7076	217.839	30.37	201.57	2
3720	C7H12O	5-methyl-1-hexen-3-one	2177-32-4	6.86133	1505.9230	213.198	43.73	196.08	2
3721	C7H12O	5-methyl-3-hexen-2-one	5166-53-0	6.86133	1505.9230	213.198	43.73	196.08	2
3722	C7H12O	5-methyl-4-hexen-2-one	28332-44-7	6.78701	1480.1916	213.808	41.97	196.77	2
3723	C7H12O	5-methyl-5-hexen-2-one	3240-09-3	7.30961	1607.2754	214.364	40.37	175.02	1,2
3724	C7H12O	2-methylcyclohexanone	583-60-8	7.04846	1565.3575	210.597	12.33	194.24	1,2
3725	C7H12O	3-methylcyclohexanone	591-24-2	6.94676	1538.9336	208.943	16.69	199.81	1,2
3726	C7H12O	(Z)-5-hepten-2-one	4535-61-9	7.25060	1590.7729	214.489	40.01	176.48	1,2
3727	C7H12O	(S)-3-methylcyclohexanone	24965-87-5	7.13586	1599.6945	209.902	50.81	194.67	1,2
3728	C7H12O	2-heptyn-1-ol	1002-36-4	8.00602	1978.9219	205.989	76	204	3
3729	C7H12O	3-heptyn-1-ol	---	8.00602	1978.9219	205.989	76	204	3
3730	C7H12O	4-heptyn-1-ol	---	8.00602	1978.9219	205.989	76	204	3
3731	C7H12O	5-heptyn-1-ol	---	8.00602	1978.9219	205.989	76	204	3
3732	C7H12O	6-heptyn-1-ol	---	8.00602	1978.9219	205.989	76	204	3
3733	C7H12O	3-heptyn-2-ol	---	8.00602	1978.9219	205.989	76	204	3
3734	C7H12O	4-heptyn-2-ol	---	8.00602	1978.9219	205.989	76	204	3
3735	C7H12O	5-heptyn-2-ol	---	8.00602	1978.9219	205.989	76	204	3
3736	C7H12O	6-heptyn-2-ol	---	8.00602	1978.9219	205.989	76	204	3
3737	C7H12O	4-heptyn-3-ol	---	8.00602	1978.9219	205.989	76	204	3
3738	C7H12O	1-heptyn-3-ol	7383-19-9	8.00602	1978.9219	205.989	76	204	3
3739	C7H12O	5-heptyn-3-ol	---	8.00602	1978.9219	205.989	76	204	3
3740	C7H12O	6-heptyn-3-ol	---	8.00602	1978.9219	205.989	76	204	3
3741	C7H12O	7-heptyn-3-ol	---	8.00602	1978.9219	205.989	76	204	3
3742	C7H12O	1-heptyn-4-ol	---	8.00602	1978.9219	205.989	76	204	3
3743	C7H12O	2-heptyn-4-ol	---	8.00602	1978.9219	205.989	76	204	3
3744	C7H12O	5-heptyn-4-ol	---	8.00602	1978.9219	205.989	76	204	3
3745	C7H12O	6-heptyn-4-ol	---	8.00602	1978.9219	205.989	76	204	3
3746	C7H12O	6-heptyn-5-ol	---	8.00602	1978.9219	205.989	76	204	3
3747	C7H12O	2-methyl-3-hexyn-2-ol	5075-33-2	8.00602	1978.9219	205.989	76	204	3
3748	C7H12O	3-methyl-1-hexyn-3-ol	4339-05-3	8.02590	1824.5380	218.117	42	159	1,2
3749	C7H12O	1-methyl-2-hexyn-1-ol	---	8.00602	1978.9219	205.989	76	204	3
3750	C7H12O	4-methyl-2-hexyn-1-ol	---	8.00602	1978.9219	205.989	76	204	3
3751	C7H12O	5-methyl-2-hexyn-1-ol	---	8.00602	1978.9219	205.989	76	204	3
3752	C7H12O	1-methyl-3-hexyn-1-ol	---	8.00602	1978.9219	205.989	76	204	3
3753	C7H12O	2-methyl-3-hexyn-1-ol	---	8.00602	1978.9219	205.989	76	204	3
3754	C7H12O	5-methyl-3-hexyn-1-ol	---	8.00602	1978.9219	205.989	76	204	3
3755	C7H12O	1-methyl-4-hexyn-1-ol	---	8.00602	1978.9219	205.989	76	204	3
3756	C7H12O	2-methyl-4-hexyn-1-ol	---	8.00602	1978.9219	205.989	76	204	3
3757	C7H12O	3-methyl-4-hexyn-1-ol	---	8.00602	1978.9219	205.989	76	204	3
3758	C7H12O	1-methyl-5-hexyn-1-ol	---	8.00602	1978.9219	205.989	76	204	3
3759	C7H12O	2-methyl-5-hexyn-1-ol	---	8.00602	1978.9219	205.989	76	204	3
3760	C7H12O	3-methyl-5-hexyn-1-ol	---	8.00602	1978.9219	205.989	76	204	3

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mmHg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
3761	C7H12O	4-methyl-5-hexyn-1-ol	---	8.00602	1978.9219	205.989	76	204	3
3762	C7H12O	2-methyl-3-hexyn-2-ol	---	8.00602	1978.9219	205.989	76	204	3
3763	C7H12O	2-methyl-5-hexyn-2-ol	---	8.00602	1978.9219	205.989	76	204	3
3764	C7H12O	3-methyl-3-hexyn-2-ol	---	8.00602	1978.9219	205.989	76	204	3
3765	C7H12O	3-methyl-4-hexyn-3-ol	---	8.00602	1978.9219	205.989	76	204	3
3766	C7H12O	3-methyl-5-hexyn-3-ol	---	8.00602	1978.9219	205.989	76	204	3
3767	C7H12O	4-methyl-5-hexyn-3-ol	---	8.00602	1978.9219	205.989	76	204	3
3768	C7H12O	5-methyl-1-hexyn-3-ol	---	8.00602	1978.9219	205.989	76	204	3
3769	C7H12O	2-methyl-4-hexyn-3-ol	---	8.00602	1978.9219	205.989	76	204	3
3770	C7H12O	3,4-dimethyl-1-pentyn-3-ol	1482-15-1	8.00602	1978.9219	205.989	76	204	3
3771	C7H12O	3-ethyl-1-pentyn-3-ol	6285-06-9	8.02598	1824.0072	218.159	41	158	1,2
3772	C7H12O2	3-heptenoic acid	---	7.28889	1897.1529	193.097	108.57	268.83	2
3773	C7H12O2	trans-2-heptenoic acid	10352-88-2	7.28889	1897.1529	193.097	108.57	268.83	2
3774	C7H12O2	4-heptenoic acid	---	7.28889	1897.1529	193.097	108.57	268.83	2
3775	C7H12O2	5-heptenoic acid	3593-00-8	7.16891	1849.6886	194.070	105.77	269.85	2
3776	C7H12O2	6-heptenoic acid	1119-60-4	7.27143	1890.2494	193.236	108.17	268.97	2
3777	C7H12O2	4-heptenoic acid	35194-37-7	7.28889	1897.1529	193.097	108.57	268.83	2
3778	C7H12O2	2-methyl-2-hexenoic acid	---	7.02833	1794.0038	195.266	102.33	271.14	2
3779	C7H12O2	trans-2-methyl-2-hexenoic acid	97961-66-5	6.62461	1633.6368	199.074	91.37	275.44	2
3780	C7H12O2	3-methyl-2-hexenoic acid	---	7.02833	1794.0038	195.266	102.33	271.14	2
3781	C7H12O2	4-methyl-2-hexenoic acid	37549-83-0	6.97002	1770.8875	195.780	100.85	271.70	2
3782	C7H12O2	5-methyl-2-hexenoic acid	41653-96-7	7.28889	1897.1529	193.097	108.57	268.83	2
3783	C7H12O2	2-methyl-3-hexenoic acid	73513-50-5	7.02833	1794.0038	195.266	102.33	271.14	2
3784	C7H12O2	3-methyl-3-hexenoic acid	35205-71-1	7.02833	1794.0038	195.266	102.33	271.14	2
3785	C7H12O2	4-methyl-3-hexenoic acid	55665-79-7	7.02833	1794.0038	195.266	102.33	271.14	2
3786	C7H12O2	5-methyl-3-hexenoic acid	---	7.02833	1794.0038	195.266	102.33	271.14	2
3787	C7H12O2	2-methyl-4-hexenoic acid	---	7.02833	1794.0038	195.266	102.33	271.14	2
3788	C7H12O2	3-methyl-4-hexenoic acid	---	7.02833	1794.0038	195.266	102.33	271.14	2
3789	C7H12O2	4-methyl-4-hexenoic acid	37549-83-0	7.02833	1794.0038	195.266	102.33	271.14	2
3790	C7H12O2	5-methyl-4-hexenoic acid	5636-65-7	6.97470	1772.7436	195.738	100.97	271.65	2
3791	C7H12O2	2,3-dimethyl-2-pentenoic acid	---	6.73608	1677.9875	197.962	94.57	274.15	2
3792	C7H12O2	2,4-dimethyl-2-pentenoic acid	---	6.73608	1677.9875	197.962	94.57	274.15	2
3793	C7H12O2	2,2-dimethyl-4-pentenoic acid	16386-93-9	6.73608	1677.9875	197.962	94.57	274.15	2
3794	C7H12O2	2-ethyl-2-pentenoic acid	---	6.73608	1677.9875	197.962	94.57	274.15	2
3795	C7H12O2	3-ethyl-2-pentenoic acid	---	6.73608	1677.9875	197.962	94.57	274.15	2
3796	C7H12O2	4-ethyl-2-pentenoic acid	---	6.73608	1677.9875	197.962	94.57	274.15	2
3797	C7H12O2	butyl acrylate	141-32-2	7.70246	1736.4543	215.087	43.99	169.03	1,2
3798	C7H12O2	sec-butyl acrylate	2998-08-5	6.88188	1469.3885	219.646	30.17	177.48	2
3799	C7H12O2	isobutyl acrylate	106-63-8	7.58687	1653.7277	219.354	31.71	156.06	1,2
3800	C7H12O2	propyl methacrylate	2210-28-8	7.29818	1610.1805	216.908	38.75	174.26	2
3801	C7H12O2	isopropyl methacrylate	4655-34-9	6.70926	1412.3814	221.314	26.07	179.09	2
3802	C7H12O2	allyl butanoate	2051-78-7	7.34630	1626.2908	216.588	39.67	173.93	2
3803	C7H12O2	ethyl 3-methyl-2-butenate	638-10-8	7.87674	1803.5038	213.391	48.87	170.75	2
3804	C7H12O2	ethyl trans-2-methyl-2-butenate	5837-78-5	8.00541	1846.3901	212.696	50.87	170.09	2
3805	C7H12O2	methyl 3-hexenoate	2396-78-3	9.08652	2203.9296	207.542	65.00	165.71	2
3806	C7H12O2	methyl 2-methyl-2-pentenoate	10478-12-3	9.08652	2203.9296	207.542	65.00	165.71	2
3807	C7H12O2	methyl 3-methyl-3-pentenoate	2258-58-4	9.08652	2203.9296	207.542	65.00	165.71	2
3808	C7H12O2	methyl cis-3-methyl-2-pentenoate	17447-00-6	9.08652	2203.9296	207.542	65.00	165.71	2
3809	C7H12O2	methyl trans-3-methyl-2-pentenoate	17447-01-7	7.75319	1762.2866	214.086	46.87	171.42	2
3810	C7H12O2	tert-butyl acrylate	1663-39-4	9.08652	2203.9296	207.542	65.00	165.71	2
3811	C7H12O2	methyl trans-2-methyl-2-pentenoate	1567-14-2	9.08652	2203.9296	207.542	65.00	165.71	2
3812	C7H12O2	4-pentenyl acetate	1576-85-8	7.59197	1699.5703	215.754	42.07	169.62	1,2
3813	C7H12O2	3,3-dimethylallyl acetate	1191-16-8	9.08652	2203.9296	207.542	65.00	165.71	2
3814	C7H12O2	cis-3-hexenyl formate	33467-73-1	9.08652	2203.9296	207.542	65.00	165.71	2
3815	C7H12O2	2,3-heptanedione	96-04-8	6.54894	1407.2242	216.032	37.57	201.90	3
3816	C7H12O2	2,6-heptanedione	13505-34-5	11.06551	2962.4635	194.348	99.97	181.42	3
3817	C7H12O2	3-methyl-2,5-hexanedione	4437-50-7	8.85177	2204.3559	201.576	79.17	187.20	3
3818	C7H12O2	5-methyl-2,3-hexanedione	13706-86-0	6.37467	1346.1948	217.700	32.77	203.93	3
3819	C7H12O2	3,3-dimethyl-2,4-pentanedione	3142-58-3	7.61202	1776.9164	207.970	60.77	193.12	3
3820	C7H12O2	3-ethyl-2,4-pentanedione	1540-34-7	7.86796	1865.4167	206.441	65.17	191.63	3
3821	C7H12O2	3,5-heptanedione	7424-54-6	7.74895	1824.2844	207.136	63.17	192.30	3
3822	C7H12O3	ethyl levulinate	539-88-8	7.44316	1843.5635	198.282	87.85	234.35	1,2
3823	C7H12O4	diethyl malonate	105-53-3	7.82498	2180.7216	242.170	77.35	227.50	1,2
3824	C7H12O4	butylpropanedioic acid	534-59-8	8.76150	2886.6758	162.073	209.85	355.28	3
3825	C7H12O4	diethylpropanedioic acid	510-20-3	8.57529	2801.6045	163.185	206.65	356.26	3
3826	C7H12O4	dimethyl glutarate	1119-40-0	8.35788	2580.7088	257.185	93.56	241.40	1,2
3827	C7H12O4	3,3-dimethylpentanedioic acid	4839-46-7	8.57529	2801.6045	163.185	206.65	356.26	3
3828	C7H12O4	heptanedioic acid	111-16-0	8.95800	2976.3754	160.961	213.05	354.33	3
3829	C7H12O4	isobutylpropanedioic acid	4361-06-2	8.57529	2801.6045	163.185	206.65	356.26	3
3830	C7H12O4	2-methylhexanedioic acid	626-70-0	8.57529	2801.6045	163.185	206.65	356.26	3
3831	C7H12O4	3-methylhexanedioic acid, (±)	81177-02-8	8.57529	2801.6045	163.185	206.65	356.26	3
3832	C7H12O4	2,2-dimethylglutaric acid	681-57-2	8.39859	2720.8070	164.297	203.45	357.26	3
3833	C7H12O4	2,4-dimethylglutaric acid, DL and meso	2121-67-7	8.39859	2720.8070	164.297	203.45	357.26	3
3834	C7H12O4	3-methyladipic acid	3058-01-3	8.57529	2801.6045	163.185	206.65	356.26	3
3835	C7H12O4	(R)-(+)-3-methyladipic acid	623-82-5	8.57529	2801.6045	163.185	206.65	356.26	3
3836	C7H13Br	1-bromo-1-heptene	89942-12-1	7.60121	1759.3557	210.750	55.77	187.35	2
3837	C7H13Br	cis-1-bromo-1-heptene	39924-57-7	7.44938	1702.7663	210.750	53.27	188.25	2
3838	C7H13Br	trans-1-bromo-1-heptene	53434-74-5	7.44938	1702.7663	210.750	53.27	188.25	2
3839	C7H13Br	2-bromo-1-heptene	3252-91-3	7.64635	1774.8575	210.472	56.57	187.08	2
3840	C7H13Br	3-bromo-1-heptene	---	7.69219	1790.5911	210.194	57.37	186.80	2

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mmHg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
3841	C7H13Br	4-bromo-1-heptene	---	7.73873	1806.5621	209.916	58.17	186.53	2
3842	C7H13Br	5-bromo-1-heptene	---	7.78600	1822.7758	209.638	58.97	186.26	2
3843	C7H13Br	6-bromo-1-heptene	---	7.83401	1839.2381	209.360	59.77	185.99	2
3844	C7H13Br	7-bromo-1-heptene	---	7.88277	1855.9547	209.082	60.57	185.72	2
3845	C7H13Br	1-bromo-2-heptene	---	7.93231	1872.9318	208.804	61.37	185.46	2
3846	C7H13Br	2-bromo-2-heptene	---	7.98264	1890.1756	208.526	62.17	185.19	2
3847	C7H13Br	3-bromo-2-heptene	---	8.03379	1907.6927	208.248	62.97	184.93	2
3848	C7H13Br	4-bromo-2-heptene	---	8.08577	1925.4895	207.970	63.77	184.67	2
3849	C7H13Br	5-bromo-2-heptene	---	8.13861	1943.5732	207.692	64.57	184.41	2
3850	C7H13Br	6-bromo-2-heptene	---	8.19232	1961.9507	207.414	65.37	184.16	2
3851	C7H13Br	7-bromo-2-heptene	---	8.24692	1980.6296	207.136	66.17	183.90	2
3852	C7H13Br3	1,1,1-tribromohexane	62127-64-4	7.49802	2058.1982	182.672	134.07	294.18	2
3853	C7H13Cl	1-chloro-1-heptene	2384-75-0	8.53312	1961.2042	212.974	47.37	153.52	1,2
3854	C7H13Cl	cis-1-chloro-1-heptene	53268-66-9	6.91727	1525.0835	214.364	43.37	193.91	2
3855	C7H13Cl	trans-1-chloro-1-heptene	53268-67-0	6.91727	1525.0835	214.364	43.37	193.91	2
3856	C7H13Cl	2-chloro-1-heptene	65786-11-0	6.55790	1400.5477	217.422	34.57	197.43	2
3857	C7H13Cl	3-chloro-1-heptene	---	6.58853	1411.1834	217.144	35.37	197.10	2
3858	C7H13Cl	4-chloro-1-heptene	---	6.61954	1421.9484	216.866	36.17	196.77	2
3859	C7H13Cl	5-chloro-1-heptene	---	6.65095	1432.8454	216.588	36.97	196.44	2
3860	C7H13Cl	6-chloro-1-heptene	---	6.68276	1443.8766	216.310	37.77	196.12	2
3861	C7H13Cl	7-chloro-1-heptene	---	6.71497	1455.0449	216.032	38.57	195.80	2
3862	C7H13Cl	1-chloro-2-heptene	---	6.74760	1466.3527	215.754	39.37	195.48	2
3863	C7H13Cl	2-chloro-2-heptene	---	6.98835	1549.6538	213.808	44.97	193.30	2
3864	C7H13Cl	3-chloro-2-heptene	---	7.02461	1562.1825	213.530	45.77	193.00	2
3865	C7H13Cl	4-chloro-2-heptene	---	7.06137	1574.8781	213.252	46.57	192.69	2
3866	C7H13Cl	5-chloro-2-heptene	---	7.09863	1587.7439	212.974	47.37	192.39	2
3867	C7H13Cl	6-chloro-2-heptene	---	7.13641	1600.7835	212.696	48.17	192.10	2
3868	C7H13Cl	7-chloro-2-heptene	---	7.17472	1614.0006	212.418	48.97	191.80	2
3869	C7H13Cl	4-chloro-3-heptene	2431-24-5	6.55790	1400.5477	217.422	34.57	197.43	2
3870	C7H13ClO	heptanoyl chloride	2528-61-2	10.83951	5836.9303	529.818	63.40	232.42	3
3871	C7H13ClO2	neopentyl chloroethanoate	900000-73-9	6.46271	1807.6537	273.150	57.76	277.82	3
3872	C7H13Cl2IrO2	bis(chloroethylene)(2,4-pentandione)iridium	900001-70-9	11.44340	4739.2500	273.150	180.65	300.50	3
3873	C7H13Cl2O2Rh	bis(chloroethylene)(2,4-pentandione)-rhodium	900001-71-0	17.18920	6242.7200	273.150	112.46	172.52	3
3874	C7H13Cl3	1,1,1-trichlorohexane	3922-26-7	6.94009	1692.3347	199.630	85.27	250.67	2
3875	C7H13F	1-fluoro-1-heptene	---	7.01158	1460.4185	223.844	19.09	157.49	2
3876	C7H13F	cis-1-fluoro-1-heptene	28028-91-3	7.01158	1460.4185	223.844	19.09	157.49	2
3877	C7H13F	trans-1-fluoro-1-heptene	28028-92-4	7.01158	1460.4185	223.844	19.09	157.49	2
3878	C7H13F	2-fluoro-1-heptene	---	7.05062	1473.0596	223.566	19.89	157.19	2
3879	C7H13F	3-fluoro-1-heptene	---	7.09022	1485.8812	223.288	20.69	156.89	2
3880	C7H13F	4-fluoro-1-heptene	---	7.13042	1498.8873	223.010	21.49	156.59	2
3881	C7H13F	5-fluoro-1-heptene	---	7.17121	1512.0821	222.732	22.29	156.30	2
3882	C7H13F	6-fluoro-1-heptene	---	7.21261	1525.4698	222.454	23.09	156.00	2
3883	C7H13F	7-fluoro-1-heptene	---	7.25464	1539.0548	222.176	23.89	155.71	2
3884	C7H13F	1-fluoro-2-heptene	---	7.29731	1552.8416	221.898	24.69	155.42	2
3885	C7H13F	2-fluoro-2-heptene	---	7.34063	1566.8348	221.620	25.49	155.13	2
3886	C7H13F	3-fluoro-2-heptene	---	7.38463	1581.0392	221.342	26.29	154.85	2
3887	C7H13F	4-fluoro-2-heptene	---	7.42931	1595.4598	221.064	27.09	154.56	2
3888	C7H13F	5-fluoro-2-heptene	---	7.47469	1610.1017	220.786	27.89	154.28	2
3889	C7H13F	6-fluoro-2-heptene	---	7.52080	1624.9701	220.508	28.69	154.00	2
3890	C7H13F	7-fluoro-2-heptene	---	7.56763	1640.0704	220.230	29.49	153.72	2
3891	C7H13F3	1,1,1-trifluoroheptane	693-09-4	6.37447	1215.9320	224.550	1.69	156.31	3
3892	C7H13F3O3	orthoformic acid, tris(2-fluoroethyl)ester	2339-51-7	8.93310	3118.0000	273.150	119.89	268.99	3
3893	C7H13I	1-iodo-1-heptene	---	8.79881	2212.1973	202.688	80.97	191.15	2
3894	C7H13I	cis-1-iodo-1-heptene	63318-29-6	8.79881	2212.1973	202.688	80.97	191.15	2
3895	C7H13I	trans-1-iodo-1-heptene	60595-37-1	8.79881	2212.1973	202.688	80.97	191.15	2
3896	C7H13I	2-iodo-1-heptene	---	8.81151	2216.6164	202.633	81.13	191.11	2
3897	C7H13I	3-iodo-1-heptene	---	8.82426	2221.0510	202.577	81.29	191.06	2
3898	C7H13I	4-iodo-1-heptene	---	8.83706	2225.5012	202.522	81.45	191.01	2
3899	C7H13I	5-iodo-1-heptene	---	8.84990	2229.9671	202.466	81.61	190.96	2
3900	C7H13I	6-iodo-1-heptene	---	8.86279	2234.4487	202.410	81.77	190.91	2
3901	C7H13I	7-iodo-1-heptene	---	8.87572	2238.9462	202.355	81.93	190.87	2
3902	C7H13I	1-iodo-2-heptene	---	8.88870	2243.4595	202.299	82.09	190.82	2
3903	C7H13I	2-iodo-2-heptene	---	8.90172	2247.9889	202.244	82.25	190.77	2
3904	C7H13I	3-iodo-2-heptene	---	8.91480	2252.5344	202.188	82.41	190.72	2
3905	C7H13I	4-iodo-2-heptene	---	8.92792	2257.0960	202.132	82.57	190.67	2
3906	C7H13I	5-iodo-2-heptene	---	8.94108	2261.6739	202.077	82.73	190.63	2
3907	C7H13I	6-iodo-2-heptene	---	8.95430	2266.2682	202.021	82.89	190.58	2
3908	C7H13I	7-iodo-2-heptene	---	8.96756	2270.8789	201.966	83.05	190.53	2
3909	C7H13I3	1,1,1-triiodoheptane	---	18.26414	6693.5048	155.262	232.45	288.54	2
3910	C7H13N	heptanenitrile	629-08-3	7.38036	1730.6287	204.773	66.47	207.43	1,2
3911	C7H13NO	hexyl isocyanate	2525-62-4	7.20552	1672.5144	210.750	58.77	204.92	2
3912	C7H14	ethylcyclopentane	1640-89-7	7.09198	1429.6095	236.030	-1.36	129.59	1,2
3913	C7H14	1,1-dimethylcyclopentane	1638-26-2	7.04934	1332.5354	231.916	-11.64	112.63	1,2
3914	C7H14	1,2-dimethylcyclopentane	2452-99-5	6.70350	1246.1581	229.140	-10.65	124.72	1,2
3915	C7H14	cis-1,2-dimethylcyclopentane	1192-18-3	7.03857	1367.7593	229.616	-3.11	125.03	1,2
3916	C7H14	trans-1,2-dimethylcyclopentane	822-50-4	7.07226	1369.0765	234.786	-9.32	117.12	1,2
3917	C7H14	1,3-dimethylcyclopentane	2453-00-1	6.72127	1235.4063	230.502	-14.57	118.54	1,2
3918	C7H14	cis-1,3-dimethylcyclopentane	2532-58-3	7.13972	1421.0372	242.813	-11.36	116.23	1,2
3919	C7H14	trans-1,3-dimethylcyclopentane	1759-58-6	7.10883	1377.6394	234.986	-9.47	115.83	1,2
3920	C7H14	methylcyclohexane	108-87-2	7.00206	1375.1330	232.819	-3.71	127.14	1,2

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mmHg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
3921	C7H14	cycloheptane	291-64-5	7.01130	1417.9337	224.495	-8.03	145.78	1,2
3922	C7H14	1-heptene	592-76-7	7.08990	1371.2201	232.136	-6.97	118.73	1,2
3923	C7H14	2-heptene	592-77-8	7.35490	1463.0309	228.751	1.47	121.84	1,2
3924	C7H14	cis-2-heptene	6443-92-1	7.06158	1400.6311	236.608	-5.54	124.40	1,2
3925	C7H14	trans-2-heptene	14686-13-6	7.13777	1415.3457	234.628	-4.03	123.15	1,2
3926	C7H14	3-heptene	592-78-9	7.35274	1454.5733	229.418	-0.45	119.33	1,2
3927	C7H14	3-heptene (mixed isomers)	25339-56-4	7.36339	1455.2972	230.893	-2.19	117.13	2
3928	C7H14	cis-3-heptene	7642-10-6	7.02687	1361.0109	232.516	-6.69	121.45	1,2
3929	C7H14	trans-3-heptene	14686-14-7	7.17463	1442.8619	240.362	-6.69	121.00	1,2
3930	C7H14	2-methyl-1-hexene	6094-02-6	7.06007	1357.8540	233.064	-9.00	117.06	1,2
3931	C7H14	3-methyl-1-hexene	3404-61-3	7.05288	1319.1401	232.284	-14.35	108.49	1,2
3932	C7H14	4-methyl-1-hexene	3769-23-1	7.14435	1400.3334	241.714	-13.81	111.68	1,2
3933	C7H14	5-methyl-1-hexene	3524-73-0	6.97852	1268.4916	224.251	-12.08	109.85	1,2
3934	C7H14	2-methyl-2-hexene	2738-19-4	7.06057	1376.0407	233.806	-6.76	120.96	1,2
3935	C7H14	3-methyl-cis-2-hexene	10574-36-4	6.99593	1329.1054	225.721	-4.05	122.75	1,2
3936	C7H14	3-methyl-trans-2-hexene	20710-38-7	6.95203	1285.8612	220.662	-4.62	120.40	1,2
3937	C7H14	4-methyl-cis-2-hexene	3683-19-0	6.95452	1260.5451	223.124	-11.43	111.00	1,2
3938	C7H14	4-methyl-trans-2-hexene	3683-22-5	6.94092	1254.1723	221.340	-10.23	112.30	1,2
3939	C7H14	5-methyl-cis-2-hexene	13151-17-2	6.96645	1281.2988	224.110	-9.36	114.44	1,2
3940	C7H14	5-methyl-trans-2-hexene	7385-82-2	6.94707	1260.9697	221.996	-9.96	112.90	1,2
3941	C7H14	2-methyl-cis-3-hexene	15840-60-5	6.95137	1258.1730	223.041	-11.63	110.73	1,2
3942	C7H14	2-methyl-trans-3-hexene	692-24-0	6.95297	1257.8779	222.997	-11.69	110.56	1,2
3943	C7H14	3-methyl-cis-3-hexene	4914-89-0	6.92412	1264.0676	217.231	-3.85	120.55	1,2
3944	C7H14	3-methyl-trans-3-hexene	3899-36-3	7.03995	1351.9543	231.515	-7.68	118.90	1,2
3945	C7H14	2-ethyl-1-pentene	3404-71-5	7.01452	1325.4282	226.639	-6.27	119.18	1,2
3946	C7H14	3-ethyl-1-pentene	4038-04-4	7.08935	1346.2604	235.778	-14.69	108.75	1,2
3947	C7H14	2,3-dimethyl-1-pentene	3404-72-6	6.90280	1227.8786	221.012	-13.00	108.98	1,2
3948	C7H14	2,4-dimethyl-1-pentene	2213-32-3	6.93674	1245.3212	225.427	-15.66	106.23	1,2
3949	C7H14	3,3-dimethyl-1-pentene	3404-73-7	6.77841	1140.2334	215.068	-17.74	101.97	1,2
3950	C7H14	3,4-dimethyl-1-pentene	7385-78-6	6.86554	1190.5796	217.986	-15.01	105.22	1,2
3951	C7H14	4,4-dimethyl-1-pentene	762-62-9	6.86919	1193.2947	226.675	-23.36	96.94	1,2
3952	C7H14	3-ethyl-2-pentene	816-79-5	7.00427	1331.4345	226.883	-5.14	121.44	1,2
3953	C7H14	2,3-dimethyl-2-pentene	10574-37-5	7.01442	1305.5988	221.000	-3.92	119.66	1,2
3954	C7H14	2,4-dimethyl-2-pentene	625-65-0	6.85010	1190.6244	216.660	-13.14	107.92	1,2
3955	C7H14	3,4-dimethyl-cis-2-pentene	4914-91-4	6.89016	1244.7098	221.102	-9.78	114.55	1,2
3956	C7H14	3,4-dimethyl-trans-2-pentene	4914-92-5	6.89991	1256.7001	221.232	-8.23	116.77	1,2
3957	C7H14	4,4-dimethyl-cis-2-pentene	762-63-0	6.88951	1224.7655	225.677	-17.72	104.66	1,2
3958	C7H14	4,4-dimethyl-trans-2-pentene	690-08-4	6.81883	1171.4244	220.915	-19.60	101.17	1,2
3959	C7H14	3-methyl-2-ethyl-1-butene	7357-93-9	6.84867	1227.1370	221.419	-11.60	113.24	1,2
3960	C7H14	2,3,3-trimethyl-1-butene	594-56-9	6.95536	1269.2945	233.668	-20.53	102.70	1,2
3961	C7H14	3,4-dimethylpent-2-ene	24910-63-2	7.40975	1440.1924	231.698	-7.01	108.94	1,2
3962	C7H14	1,1,2,2-tetramethylcyclopropane	4127-47-3	8.39224	1690.5932	230.893	-2.19	93.57	1,2
3963	C7H14	1,1-diethylcyclopropane	1003-19-6	7.51687	1483.9549	231.420	-3.71	110.90	1,2
3964	C7H14Br2	1,1-dibromoheptane	59104-79-9	7.54362	1952.3696	193.792	104.57	253.82	2
3965	C7H14Br2	1,2-dibromoheptane	42474-21-5	7.70451	2014.3722	192.680	107.77	252.71	2
3966	C7H14Br2	1,3-dibromoheptane	---	7.74612	2030.3940	192.402	108.57	252.44	2
3967	C7H14Br2	1,4-dibromoheptane	---	7.78830	2046.6330	192.124	109.37	252.17	2
3968	C7H14Br2	1,5-dibromoheptane	1622-10-2	7.83107	2063.0936	191.846	110.17	251.90	2
3969	C7H14Br2	1,6-dibromoheptane	---	7.87444	2079.7805	191.568	110.97	251.64	2
3970	C7H14Br2	1,7-dibromoheptane	4549-31-9	6.85904	1775.6417	191.290	111.77	291.59	1,2
3971	C7H14Br2	2,2-dibromoheptane	---	7.17649	1810.5916	196.572	96.57	256.68	2
3972	C7H14Br2	2,3-dibromoheptane	21266-88-6	7.21113	1823.9883	196.294	97.37	256.39	2
3973	C7H14Br2	2,4-dibromoheptane	116557-26-7	7.24621	1837.5499	196.016	98.17	256.10	2
3974	C7H14Br2	2,5-dibromoheptane	---	7.28173	1851.2794	195.738	98.97	255.81	2
3975	C7H14Br2	2,6-dibromoheptane	---	7.31771	1865.1800	195.460	99.77	255.52	2
3976	C7H14Br2	3,4-dibromoheptane	21266-90-0	7.35415	1879.2551	195.182	100.57	255.23	2
3977	C7H14ClF	1-chloro-7-fluoroheptane	334-43-0	7.79501	1910.3229	202.966	78.17	211.14	2
3978	C7H14Cl2	1,1-dichloroheptane	821-25-0	7.53125	1855.1899	204.078	79.97	222.46	1,2
3979	C7H14Cl2	1,2-dichloroheptane	10575-87-8	7.14913	1719.1138	203.800	75.77	229.52	2
3980	C7H14Cl2	1,3-dichloroheptane	---	7.18505	1732.3849	203.522	76.57	229.23	2
3981	C7H14Cl2	1,4-dichloroheptane	---	7.22144	1745.8261	203.244	77.37	228.93	2
3982	C7H14Cl2	1,5-dichloroheptane	---	7.25832	1759.4408	202.966	78.17	228.64	2
3983	C7H14Cl2	1,6-dichloroheptane	---	7.29569	1773.2326	202.688	78.97	228.35	2
3984	C7H14Cl2	1,7-dichloroheptane	821-76-1	7.33356	1787.2049	202.410	79.77	228.06	2
3985	C7H14Cl2	2,2-dichloroheptane	65786-09-6	6.78274	1583.4765	206.858	66.97	232.89	2
3986	C7H14Cl2	2,3-dichloroheptane	---	6.81401	1595.0761	206.580	67.77	232.57	2
3987	C7H14Cl2	2,4-dichloroheptane	---	6.84567	1606.8138	206.302	68.57	232.26	2
3988	C7H14Cl2	2,5-dichloroheptane	---	6.87773	1618.6922	206.024	69.37	231.95	2
3989	C7H14Cl2	2,6-dichloroheptane	---	6.91018	1630.7139	205.746	70.17	231.64	2
3990	C7H14Cl2	4,4-dichloroheptane	89796-76-9	7.18464	1740.5933	205.468	75.97	229.38	2
3991	C7H14Cl2	1,2-dichloro-4,4-dimethylpentane	6065-90-3	7.92972	1924.9665	207.414	70.37	198.02	1,2
3992	C7H14Cl2	1,5-dichloro-3,3-dimethylpentane	62496-53-1	6.72130	1560.6820	207.414	65.37	233.52	2
3993	C7H14Cl2	2,4-dichloro-2,4-dimethylpentane	33553-93-4	6.72130	1560.6820	207.414	65.37	233.52	2
3994	C7H14F2	1,1-difluoroheptane	407-96-5	6.80734	1445.5492	222.788	26.13	175.93	3
3995	C7H14F2	1,2-difluoroheptane	---	6.84215	1457.2644	222.510	26.93	175.62	3
3996	C7H14F2	1,3-difluoroheptane	---	6.87744	1469.1344	222.232	27.73	175.30	3
3997	C7H14F2	1,4-difluoroheptane	---	6.91321	1481.1622	221.954	28.53	175.00	3
3998	C7H14F2	1,5-difluoroheptane	---	6.94947	1493.3512	221.676	29.33	174.69	3
3999	C7H14F2	1,6-difluoroheptane	---	6.98624	1505.7047	221.398	30.13	174.38	3
4000	C7H14F2	1,7-difluoroheptane	---	7.02352	1518.2261	221.120	30.93	174.08	3

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mmHg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
4001	C7H14F2	2,2-difluoroheptane	---	6.48328	1336.2638	225.568	18.13	179.18	3
4002	C7H14F2	2,3-difluoroheptane	---	6.51384	1346.5894	225.290	18.93	178.85	3
4003	C7H14F2	2,4-difluoroheptane	---	6.54479	1357.0422	225.012	19.73	178.52	3
4004	C7H14F2	2,5-difluoroheptane	---	6.57614	1367.6245	224.734	20.53	178.18	3
4005	C7H14F2	2,6-difluoroheptane	---	6.60789	1378.3390	224.456	21.33	177.86	3
4006	C7H14F2	4,4-difluoroheptane	---	6.64005	1389.1882	224.178	22.13	177.53	3
4007	C7H14F2	1,2-difluoro-4,4-dimethylpentane	---	6.67263	1400.1747	223.900	22.93	177.21	3
4008	C7H14F2	1,5-difluoro-3,3-dimethylpentane	---	6.73909	1422.5706	223.344	24.53	176.56	3
4009	C7H14F2	2,4-difluoro-2,4-dimethylpentane	---	6.77299	1433.9856	223.066	25.33	176.25	3
4010	C7H14I2	1,1-diiodoheptane	66675-46-5	7.15433	2039.1844	178.892	152.45	334.44	2
4011	C7H14I2	1,2-diiodoheptane	---	7.21535	2065.8928	178.336	154.05	333.85	2
4012	C7H14I2	1,3-diiodoheptane	---	7.27774	2093.1852	177.780	155.65	333.26	2
4013	C7H14I2	1,4-diiodoheptane	---	7.34155	2121.0813	177.224	157.25	332.69	2
4014	C7H14I2	1,5-diiodoheptane	---	7.40683	2149.6021	176.668	158.85	332.12	2
4015	C7H14I2	1,6-diiodoheptane	---	7.47361	2178.7691	176.112	160.45	331.55	2
4016	C7H14I2	1,7-diiodoheptane	---	7.54197	2208.6053	175.556	162.05	330.99	2
4017	C7H14I2	2,2-diiodoheptane	---	6.86825	1913.7635	181.672	144.45	337.47	2
4018	C7H14I2	2,3-diiodoheptane	---	6.92306	1937.8217	181.116	146.05	336.85	2
4019	C7H14I2	2,4-diiodoheptane	---	6.97904	1962.3766	180.560	147.65	336.24	2
4020	C7H14I2	2,5-diiodoheptane	---	7.03621	1987.4441	180.004	149.25	335.63	2
4021	C7H14I2	2,6-diiodoheptane	---	7.09463	2013.0409	179.448	150.85	335.03	2
4022	C7H14I2	4,4-diiodoheptane	---	7.15433	2039.1844	178.892	152.45	334.44	2
4023	C7H14I2	1,2-diiodo-4,4-dimethylpentane	---	6.92306	1937.8217	181.116	146.05	336.85	2
4024	C7H14I2	1,5-diiodo-3,3-dimethylpentane	---	6.97904	1962.3766	180.560	147.65	336.24	2
4025	C7H14I2	2,4-diiodo-2,4-dimethylpentane	---	7.03621	1987.4441	180.004	149.25	335.63	2
4026	C7H14O	1-heptanal	111-71-7	7.66164	1756.6469	213.586	50.11	178.54	1,2
4027	C7H14O	2-methylhexanal	925-54-2	7.55798	1686.3223	216.811	40.33	168.53	2
4028	C7H14O	3-methylhexanal	19269-28-4	7.58984	1697.8110	216.811	40.83	168.36	2
4029	C7H14O	4-methylhexanal	41065-97-8	7.55798	1686.3223	216.811	40.33	168.53	2
4030	C7H14O	5-methylhexanal	1860-39-5	7.55798	1686.3223	216.811	40.33	168.53	2
4031	C7H14O	2,2-dimethylpentanal	14250-88-5	7.34656	1616.0569	218.145	36.49	169.89	2
4032	C7H14O	2,3-dimethylpentanal	32749-94-3	7.26700	1589.5823	218.673	34.97	170.44	2
4033	C7H14O	2,4-dimethylpentanal	27944-79-2	7.26700	1589.5823	218.673	34.97	170.44	2
4034	C7H14O	2-heptanone	110-43-0	7.40525	1651.0950	214.078	43.69	176.86	1,2
4035	C7H14O	3-heptanone	106-35-4	7.41841	1642.3233	215.087	40.79	172.57	1,2
4036	C7H14O	4-heptanone	123-19-3	7.39886	1625.9653	216.032	38.07	169.54	1,2
4037	C7H14O	3-methyl-2-hexanone	2550-21-2	7.43930	1622.7969	217.144	34.87	164.02	1,2
4038	C7H14O	4-methyl-2-hexanone	105-42-0	7.35245	1597.5933	217.422	34.07	165.64	1,2
4039	C7H14O	5-methyl-2-hexanone	110-12-3	7.52212	1660.0097	215.810	38.71	166.66	1,2
4040	C7H14O	2-methyl-3-hexanone	7379-12-6	7.34744	1576.4512	219.090	29.27	159.36	1,2
4041	C7H14O	4-methyl-3-hexanone	17042-16-9	7.27135	1567.3745	218.256	31.67	165.01	2
4042	C7H14O	5-methyl-3-hexanone	623-56-3	7.34996	1587.0219	218.256	31.67	162.50	1,2
4043	C7H14O	3,3-dimethyl-2-pentanone	20669-04-9	7.37128	1574.3908	219.758	27.35	156.04	1,2
4044	C7H14O	3,4-dimethyl-2-pentanone	565-78-6	7.26263	1552.1196	219.368	28.47	160.98	1,2
4045	C7H14O	4,4-dimethyl-2-pentanone	590-50-1	7.38430	1558.9449	221.314	22.87	149.65	1,2
4046	C7H14O	2,2-dimethyl-3-pentanone	564-04-5	7.38430	1558.9449	221.314	22.87	149.65	1,2
4047	C7H14O	2,4-dimethyl-3-pentanone	565-80-0	7.35745	1550.3981	221.481	22.39	149.82	1,2
4048	C7H14O	3-ethyl-2-pentanone	6137-03-7	7.39438	1604.7985	217.700	33.27	163.26	1,2
4049	C7H14O	1-ethylcyclopentanol	1462-96-0	7.67877	1808.7589	213.252	57.57	188.97	2
4050	C7H14O	2-ethylcyclopentanol	58577-70-1	7.67877	1808.7589	213.252	57.57	188.97	2
4051	C7H14O	3-ethylcyclopentanol	---	7.67877	1808.7589	213.252	57.57	188.97	2
4052	C7H14O	methylcyclohexanol	25639-42-3	8.06479	1934.8300	209.499	64.37	186.74	2
4053	C7H14O	1-methylcyclohexanol	590-67-0	7.87757	1838.8595	212.960	26.00	178.64	1,2
4054	C7H14O	2-methylcyclohexanol	583-59-5	8.25993	2005.3257	208.248	67.97	186.65	1,2
4055	C7H14O	cis-2-methylcyclohexanol	7443-70-1	7.87344	1873.4537	210.194	62.37	189.13	1,2
4056	C7H14O	trans-2-methylcyclohexanol	7443-52-9	7.85382	1875.2607	209.638	63.97	191.75	1,2
4057	C7H14O	trans-2-methylcyclohexanol, (±)	615-39-4	7.94668	1902.4819	209.499	64.37	189.78	1,2
4058	C7H14O	2-methylcyclohexanol; (cis+trans)	583-59-5	7.97572	1904.0623	209.986	62.97	187.20	2
4059	C7H14O	3-methylcyclohexanol; (cis+trans)	591-23-1	8.07985	1937.4747	209.611	64.05	185.95	1,2
4060	C7H14O	cis-3-methylcyclohexanol	5454-79-5	8.36185	2037.3202	207.970	68.77	185.33	2
4061	C7H14O	trans-3-methylcyclohexanol	7443-55-2	8.41884	2056.9650	207.692	69.57	185.08	2
4062	C7H14O	4-methylcyclohexanol; (cis+trans)	589-91-3	7.87231	1898.2583	208.248	67.97	196.46	1,2
4063	C7H14O	cis-4-methylcyclohexanol	7731-28-4	7.75516	1862.3736	208.526	67.17	198.70	1,2
4064	C7H14O	trans-4-methylcyclohexanol	7731-29-5	8.25070	1998.9902	208.526	67.17	185.84	2
4065	C7H14O	2-hepten-1-ol	---	7.82138	1902.2945	206.302	72.57	203.72	2
4066	C7H14O	cis-2-hepten-1-ol	55454-22-3	7.79578	1892.4357	206.302	57.00	203.85	2
4067	C7H14O	trans-2-hepten-1-ol	33467-76-4	7.79578	1892.4357	206.302	57.00	203.85	2
4068	C7H14O	3-hepten-1-ol	---	7.82138	1902.2945	206.302	72.57	203.72	2
4069	C7H14O	4-hepten-1-ol	---	7.82138	1902.2945	206.302	72.57	203.72	2
4070	C7H14O	cis-4-hepten-1-ol	6191-71-5	7.82138	1902.2945	206.302	72.57	203.72	2
4071	C7H14O	5-hepten-1-ol	---	7.82138	1902.2945	206.302	72.57	203.72	2
4072	C7H14O	6-hepten-1-ol	---	7.82138	1902.2945	206.302	72.57	203.72	2
4073	C7H14O	1-methyl-2-hexen-1-ol	---	7.38917	1748.4119	209.082	64.57	206.48	2
4074	C7H14O	2-methyl-2-hexen-1-ol	---	7.38917	1748.4119	209.082	64.57	206.48	2
4075	C7H14O	3-methyl-2-hexen-1-ol	---	7.38917	1748.4119	209.082	64.57	206.48	2
4076	C7H14O	4-methyl-2-hexen-1-ol	---	7.38917	1748.4119	209.082	64.57	206.48	2
4077	C7H14O	5-methyl-2-hexen-1-ol	---	7.38917	1748.4119	209.082	64.57	206.48	2
4078	C7H14O	1-methyl-3-hexen-1-ol	58927-81-4	7.38917	1748.4119	209.082	64.57	206.48	2
4079	C7H14O	2-methyl-3-hexen-1-ol	---	7.38917	1748.4119	209.082	64.57	206.48	2
4080	C7H14O	3-methyl-3-hexen-1-ol	---	7.38917	1748.4119	209.082	64.57	206.48	2

Table 1 Vapor Pressure – Organic Compounds

log ₁₀ P = A - B/(T + C) (P - mmHg, T - C)									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
4081	C7H14O	4-methyl-3-hexen-1-ol	---	7.38917	1748.4119	209.082	64.57	206.48	2
4082	C7H14O	5-methyl-3-hexen-1-ol	---	7.38917	1748.4119	209.082	64.57	206.48	2
4083	C7H14O	1-methyl-4-hexen-1-ol	---	7.38917	1748.4119	209.082	64.57	206.48	2
4084	C7H14O	2-methyl-4-hexen-1-ol	---	7.38917	1748.4119	209.082	64.57	206.48	2
4085	C7H14O	3-methyl-4-hexen-1-ol	---	7.38917	1748.4119	209.082	64.57	206.48	2
4086	C7H14O	4-methyl-4-hexen-1-ol	---	7.38917	1748.4119	209.082	64.57	206.48	2
4087	C7H14O	5-methyl-4-hexen-1-ol	---	7.38917	1748.4119	209.082	64.57	206.48	2
4088	C7H14O	1-methyl-5-hexen-1-ol	---	7.38917	1748.4119	209.082	64.57	206.48	2
4089	C7H14O	2-methyl-5-hexen-1-ol	---	7.38917	1748.4119	209.082	64.57	206.48	2
4090	C7H14O	3-methyl-5-hexen-1-ol	---	7.38917	1748.4119	209.082	64.57	206.48	2
4091	C7H14O	4-methyl-5-hexen-1-ol	---	7.38917	1748.4119	209.082	64.57	206.48	2
4092	C7H14O	5-methyl-5-hexen-1-ol	---	7.38917	1748.4119	209.082	64.57	206.48	2
4093	C7H14O	2-methyl-3-hexen-2-ol	18812-62-9	7.01357	1614.2368	211.862	56.57	209.42	2
4094	C7H14O	2-methyl-5-hexen-2-ol	16744-89-1	6.99395	1606.5709	211.862	26.00	209.58	2
4095	C7H14O	3-methyl-3-hexen-2-ol	110383-31-8	7.01357	1614.2368	211.862	56.57	209.42	2
4096	C7H14O	5-methyl-2-hexenol	77053-92-0	6.99395	1606.5709	211.862	26.00	209.58	2
4097	C7H14O	2-methyl-4-hexen-3-ol	4798-60-1	6.84156	1552.0052	213.113	26.00	210.96	2
4098	C7H14O	3-methyl-4-hexen-3-ol	60111-14-0	7.01357	1614.2368	211.862	56.57	209.42	2
4099	C7H14O	3-methyl-5-hexen-3-ol	1569-44-4	6.99395	1606.5709	211.862	26.00	209.58	2
4100	C7H14O	4-methyl-5-hexen-3-ol	1838-77-3	6.99395	1606.5709	211.862	26.00	209.58	2
4101	C7H14O	5-methyl-1-hexen-3-ol	4798-46-3	6.99395	1606.5709	211.862	26.00	209.58	2
4102	C7H14O	6-hepten-3-ol	19781-77-2	6.86014	1559.2855	213.113	52.97	210.80	2
4103	C7H14O	1-hepten-3-ol	4938-52-7	6.84156	1552.0052	213.113	26.00	210.96	2
4104	C7H14O	1-hepten-4-ol	3521-91-3	6.84156	1552.0052	213.113	26.00	210.96	2
4105	C7H14O	2-hepten-4-ol, (±)	115113-98-9	6.84156	1552.0052	213.113	26.00	210.96	2
4106	C7H14O	isopentyl vinyl ether	39782-38-2	7.10550	1472.3972	224.789	16.37	150.47	2
4107	C7H14O	tetrahydro-2-propylfuran	3208-22-8	7.39249	1588.0619	218.256	30.17	158.90	2
4108	C7H14O	tert-pentyl vinyl ether	29281-39-8	6.85364	1391.7980	226.596	11.17	152.45	2
4109	C7H14O	1-(2-propenyloxy)butane	3739-64-8	9.15440	2120.1802	214.220	45.78	140.77	2
4110	C7H14O2	heptanoic acid	111-14-8	7.37501	1668.5050	149.408	112.32	248.50	1,2
4111	C7H14O2	2-methylhexanoic acid	22160-12-9	7.73538	1972.1992	196.155	96.66	236.96	2
4112	C7H14O2	2-methylhexanoic acid, (±)	4536-23-6	7.68697	1957.9006	197.823	94.97	236.77	1,2
4113	C7H14O2	3-methylhexanoic acid	3780-58-3	7.81377	2007.4759	196.850	97.77	236.55	2
4114	C7H14O2	4-methylhexanoic acid	---	8.01773	2084.0509	195.599	101.37	235.36	2
4115	C7H14O2	4-methylhexanoic acid, (±)	22160-41-4	7.68839	1986.2457	195.599	101.37	245.15	1,2
4116	C7H14O2	5-methylhexanoic acid	628-46-6	7.82465	2021.3671	196.016	100.17	239.36	1,2
4117	C7H14O2	2,2-dimethylpentanoic acid	1185-39-3	7.94052	2006.7768	199.769	89.37	221.94	1,2
4118	C7H14O2	2,3-dimethylpentanoic acid	---	7.38517	1846.2041	199.769	89.37	239.46	2
4119	C7H14O2	2,4-dimethylpentanoic acid	---	7.38517	1846.2041	199.769	89.37	239.46	2
4120	C7H14O2	4,4-dimethylpentanoic acid	1118-47-4	7.38517	1846.2041	199.769	89.37	239.46	2
4121	C7H14O2	2-ethylpentanoic acid	20225-24-5	7.45681	1867.0416	197.907	91.25	238.83	2
4122	C7H14O2	3-ethylpentanoic acid	58888-87-2	7.38517	1846.2041	199.769	89.37	239.46	2
4123	C7H14O2	2-ethyl-2-methylbutanoic acid	19889-37-3	7.43323	1860.2072	198.518	90.64	239.03	2
4124	C7H14O2	hexyl formate	629-33-4	7.66726	1755.7851	212.974	50.37	178.47	1,2
4125	C7H14O2	1-methylpentyl formate	---	7.74008	1733.0396	215.754	41.37	164.44	2
4126	C7H14O2	2-methylpentyl formate	---	7.74008	1733.0396	215.754	41.37	164.44	2
4127	C7H14O2	3-methylpentyl formate	---	7.74008	1733.0396	215.754	41.37	164.44	2
4128	C7H14O2	4-methylpentyl formate	---	7.74008	1733.0396	215.754	41.37	164.44	2
4129	C7H14O2	1,1-dimethylbutyl formate	---	7.28723	1583.7796	218.534	33.37	167.25	2
4130	C7H14O2	1,2-dimethylbutyl formate	---	7.28723	1583.7796	218.534	33.37	167.25	2
4131	C7H14O2	1,3-dimethylbutyl formate	5332-86-5	7.28723	1583.7796	218.534	33.37	167.25	2
4132	C7H14O2	1-ethylbutyl formate	---	7.46004	1640.7993	217.422	36.57	166.10	2
4133	C7H14O2	2-ethylbutyl formate	---	7.46004	1640.7993	217.422	36.57	166.10	2
4134	C7H14O2	3-ethylbutyl formate	---	7.46004	1640.7993	217.422	36.57	166.10	2
4135	C7H14O2	pentyl acetate	628-63-7	7.54378	1686.9236	214.920	42.87	171.82	1,2
4136	C7H14O2	1-methylbutyl acetate	626-38-0	7.40215	1600.2837	219.090	30.87	160.10	1,2
4137	C7H14O2	2-methylbutyl acetate	624-41-9	7.45067	1635.9812	217.144	36.47	166.10	1,2
4138	C7H14O2	3-methylbutyl acetate	123-92-2	7.54091	1665.6972	216.588	38.07	165.53	1,2
4139	C7H14O2	sec-amyl acetate	53496-15-4	7.46004	1640.7993	217.422	36.57	166.10	2
4140	C7H14O2	1,1-dimethylpropyl acetate	625-16-1	7.50160	1594.5963	221.592	23.67	147.55	1,2
4141	C7H14O2	1,2-dimethylpropyl acetate	5343-96-4	6.97960	1480.6158	220.341	27.27	169.52	2
4142	C7H14O2	2,2-dimethylpropyl acetate	926-41-0	6.96091	1474.4336	220.480	26.87	169.68	2
4143	C7H14O2	sec-pentyl acetate (R)	54638-10-7	6.96091	1474.4336	220.480	26.87	169.68	2
4144	C7H14O2	1-ethylpropyl acetate	620-11-1	7.40140	1596.7555	219.368	30.07	159.05	1,2
4145	C7H14O2	2-ethylpropyl acetate	129829-14-7	7.18435	1549.7938	219.229	31.37	167.98	2
4146	C7H14O2	butyl propanoate	590-01-2	7.38595	1628.9395	215.724	39.36	171.74	1,2
4147	C7H14O2	1-methylpropyl propanoate	591-34-4	7.40656	1593.6980	219.090	29.67	158.14	1,2
4148	C7H14O2	2-methylpropyl propanoate	540-42-1	7.44048	1617.2633	217.839	33.27	161.92	1,2
4149	C7H14O2	1,1-dimethylethyl propanoate	20487-40-5	6.88578	1447.8379	220.619	25.37	170.27	2
4150	C7H14O2	propyl butanoate	105-66-8	7.35506	1607.3464	216.394	36.53	168.76	1,2
4151	C7H14O2	1-methylethyl butanoate	638-11-9	7.34916	1565.4180	219.785	26.77	155.86	1,2
4152	C7H14O2	propylisobutanoate	644-49-5	7.42272	1600.3179	218.395	30.77	158.96	1,2
4153	C7H14O2	1-methylethyl isobutanoate	617-50-5	7.34067	1530.8906	222.510	18.93	145.60	1,2
4154	C7H14O2	ethyl pentanoate	539-82-2	7.54982	1668.2302	215.449	39.25	166.47	1,2
4155	C7H14O2	ethyl isopentanoate	108-64-5	7.45295	1603.8094	218.729	29.81	156.77	1,2
4156	C7H14O2	ethyl sec-pentanoate	7452-79-1	7.34036	1570.6965	219.160	28.57	158.55	1,2
4157	C7H14O2	ethyl 2-methylbutanoate, (+)	10307-61-6	7.00046	1484.1431	219.368	27.97	169.29	2
4158	C7H14O2	ethyl tert-pentanoate	3938-95-2	7.35630	1527.0315	223.149	17.09	142.65	1,2
4159	C7H14O2	methyl hexanoate	106-70-7	7.35225	1629.1823	214.503	41.97	176.15	1,2
4160	C7H14O2	methyl 2-ethylbutanoate	816-11-5	7.15640	1535.5676	218.256	31.17	168.09	2

Table 1 Vapor Pressure – Organic Compounds

log ₁₀ P = A - B/(T + C) (P - mmHg, T - C)									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
4161	C7H14O2	4-methoxy-4-methyl-2-pentanone	107-70-0	6.96235	1449.2931	195.085	43.00	188.27	1,2
4162	C7H14O3	ethyl-3-ethoxypropionate	763-69-9	7.38451	1710.7190	209.847	58.10	197.21	1,2
4163	C7H14S	thiacyclocetane	6572-99-2	6.76945	1564.7116	201.380	69.83	234.76	3
4164	C7H14S	2-ethylthiacyclohexane	1613-52-1	5.95079	1241.2249	213.311	37.40	234.96	2
4165	C7H14S	3-ethylthiacyclohexane	61568-48-7	5.95079	1241.2249	213.311	37.40	234.96	2
4166	C7H14S	4-ethylthiacyclohexane	40324-31-0	5.95079	1241.2249	213.311	37.40	234.96	2
4167	C7H14S	2,2-dimethylthiacyclohexane	---	5.95616	1243.1942	213.244	37.59	234.86	2
4168	C7H14S	2,cis-3-dimethylthiacyclohexane	---	5.84875	1203.8224	214.609	33.67	236.78	2
4169	C7H14S	2,trans-3-dimethylthiacyclohexane	---	5.84875	1203.8224	214.609	33.67	236.78	2
4170	C7H14S	2,cis-4-dimethylthiacyclohexane	---	5.84875	1203.8224	214.609	33.67	236.78	2
4171	C7H14S	2,trans-4-dimethylthiacyclohexane	---	5.84875	1203.8224	214.609	33.67	236.78	2
4172	C7H14S	2,cis-5-dimethylthiacyclohexane	---	5.84875	1203.8224	214.609	33.67	236.78	2
4173	C7H14S	2,trans-5-dimethylthiacyclohexane	---	5.84875	1203.8224	214.609	33.67	236.78	2
4174	C7H14S	2,cis-6-dimethylthiacyclohexane	---	5.84875	1203.8224	214.609	33.67	236.78	2
4175	C7H14S	2,trans-6-dimethylthiacyclohexane	---	5.84875	1203.8224	214.609	33.67	236.78	2
4176	C7H14S	3,3-dimethylthiacyclohexane	---	5.95616	1243.1942	213.244	37.59	234.86	2
4177	C7H14S	3,cis-4-dimethylthiacyclohexane	---	5.84875	1203.8224	214.609	33.67	236.78	2
4178	C7H14S	3,trans-4-dimethylthiacyclohexane	---	5.84875	1203.8224	214.609	33.67	236.78	2
4179	C7H14S	3,cis-5-dimethylthiacyclohexane	---	5.84875	1203.8224	214.609	33.67	236.78	2
4180	C7H14S	3,trans-5-dimethylthiacyclohexane	---	5.84875	1203.8224	214.609	33.67	236.78	2
4181	C7H14S	4,4-dimethylthiacyclohexane	---	5.95616	1243.1942	213.244	37.59	234.86	2
4182	C7H14S	allyl tert-butyl sulfide	37850-75-2	4.19858	331.1640	70.274	33.26	255.44	3
4183	C7H15B3F3N3	1,2,3,4,5-pentamethyl-6-(trifluorovinyl)-borazine	20453-68-3	4.01834	958.2600	273.150	6.85	872.42	3
4184	C7H15Br	1-bromoheptane	629-04-9	7.51406	1790.1956	206.330	68.49	206.90	1,2
4185	C7H15Br	2-bromoheptane	1974-04-5	7.56339	1759.5563	209.916	47.00	191.67	1,2
4186	C7H15Br	3-bromoheptane	---	7.38244	1711.0459	209.916	58.17	197.42	2
4187	C7H15Br	4-bromoheptane	998-93-6	7.18491	1641.9475	211.306	54.17	198.87	2
4188	C7H15Br	1-bromo-2-methylhexane	---	7.50361	1753.3752	209.110	60.49	196.60	2
4189	C7H15Br	1-bromo-3-methylhexane	---	7.50361	1753.3752	209.110	60.49	196.60	2
4190	C7H15Br	1-bromo-4-methylhexane	---	7.50361	1753.3752	209.110	60.49	196.60	2
4191	C7H15Br	1-bromo-5-methylhexane	---	7.50361	1753.3752	209.110	60.49	196.60	2
4192	C7H15Br	2-bromo-2-methylhexane	---	7.10595	1614.2923	211.890	52.49	199.49	2
4193	C7H15Br	2-bromo-3-methylhexane	---	7.10595	1614.2923	211.890	52.49	199.49	2
4194	C7H15Br	2-bromo-4-methylhexane	---	7.10595	1614.2923	211.890	52.49	199.49	2
4195	C7H15Br	2-bromo-5-methylhexane	---	7.10595	1614.2923	211.890	52.49	199.49	2
4196	C7H15Br	3-bromo-2-methylhexane	---	7.10595	1614.2923	211.890	52.49	199.49	2
4197	C7H15Br	3-bromo-3-methylhexane	---	7.10595	1614.2923	211.890	52.49	199.49	2
4198	C7H15Br	3-bromo-4-methylhexane	---	7.10595	1614.2923	211.890	52.49	199.49	2
4199	C7H15Br	3-bromo-5-methylhexane	---	7.10595	1614.2923	211.890	52.49	199.49	2
4200	C7H15Br	2-bromo-2,3-dimethylpentane	---	7.10595	1614.2923	211.890	52.49	199.49	2
4201	C7H15Br	2-bromo-2,4-dimethylpentane	---	7.18110	1640.6129	211.334	54.09	198.90	2
4202	C7H15Br	3-bromo-2,3-dimethylpentane	---	7.18110	1640.6129	211.334	54.09	198.90	2
4203	C7H15Br	4-bromo-2,2-dimethylpentane	---	7.18110	1640.6129	211.334	54.09	198.90	2
4204	C7H15Cl	1-chloroheptane	629-06-1	7.59122	1747.8023	212.001	53.17	184.38	1,2
4205	C7H15Cl	2-chloroheptane	1001-89-4	7.33909	1638.2061	215.059	43.37	179.00	2
4206	C7H15Cl	3-chloroheptane	999-52-0	7.25264	1610.6949	216.032	41.57	179.64	2
4207	C7H15Cl	4-chloroheptane	998-95-8	7.25264	1610.6949	216.032	41.57	179.64	2
4208	C7H15Cl	1-chloro-2-methylhexane	---	7.48896	1688.7915	214.086	46.17	178.01	2
4209	C7H15Cl	1-chloro-3-methylhexane	101257-63-0	7.55062	1711.3916	214.086	47.17	177.65	2
4210	C7H15Cl	1-chloro-4-methylhexane	---	7.48896	1688.7915	214.086	46.17	178.01	2
4211	C7H15Cl	1-chloro-5-methylhexane	---	7.48896	1688.7915	214.086	46.17	178.01	2
4212	C7H15Cl	2-chloro-2-methylhexane	4398-65-6	6.95041	1506.7002	217.839	35.37	181.97	2
4213	C7H15Cl	2-chloro-3-methylhexane	---	6.95041	1506.7002	217.839	35.37	181.97	2
4214	C7H15Cl	2-chloro-4-methylhexane	---	6.95041	1506.7002	217.839	35.37	181.97	2
4215	C7H15Cl	2-chloro-5-methylhexane	58766-17-9	6.95041	1506.7002	217.839	35.37	181.97	2
4216	C7H15Cl	3-chloro-2-methylhexane	---	6.86141	1476.5143	218.534	33.37	182.74	2
4217	C7H15Cl	3-chloro-3-methylhexane	43197-78-0	6.91107	1494.9357	218.534	34.37	182.34	2
4218	C7H15Cl	3-chloro-4-methylhexane	---	6.86141	1476.5143	218.534	33.37	182.74	2
4219	C7H15Cl	3-chloro-5-methylhexane	---	6.86141	1476.5143	218.534	33.37	182.74	2
4220	C7H15Cl	2-chloro-2,3-dimethylpentane	59889-45-1	6.62739	1397.0023	220.480	27.77	184.97	2
4221	C7H15Cl	2-chloro-2,4-dimethylpentane	35951-33-8	6.67291	1413.9757	220.480	28.77	184.55	2
4222	C7H15Cl	3-chloro-2,3-dimethylpentane	595-38-0	6.62739	1397.0023	220.480	27.77	184.97	2
4223	C7H15Cl	4-chloro-2,2-dimethylpentane	33429-72-0	6.67291	1413.9757	220.480	28.77	184.55	2
4224	C7H15Cl	3-chloro-3-ethylpentane	994-25-2	7.23251	1603.8810	216.171	41.17	179.78	2
4225	C7H15Cl	2-chloro-2,3,3-trimethylbutane	918-07-0	6.44293	1334.1613	222.148	22.97	186.97	2
4226	C7H15Cl2N	n-methylbis(2-chloroethyl)amine	52802-03-6	5.93119	1757.6460	273.150	83.28	366.15	3
4227	C7H15Cl2N	n-propylbis(2-chloroethyl)amine	621-68-1	6.25473	1944.0725	273.150	96.82	359.50	3
4228	C7H15F	1-fluoroheptane	661-11-0	7.21333	1478.6369	223.288	14.69	143.48	1,2
4229	C7H15F	1-fluoroheptane	---	6.78198	1346.1039	226.040	6.77	147.86	2
4230	C7H15F	2-fluoroheptane	---	6.78198	1346.1039	226.040	6.77	147.86	2
4231	C7H15F	3-fluoroheptane	---	6.78198	1346.1039	226.040	6.77	147.86	2
4232	C7H15F	4-fluoroheptane	---	6.78198	1346.1039	226.040	6.77	147.86	2
4233	C7H15F	1-fluoro-2-methylhexane	---	6.78198	1346.1039	226.040	6.77	147.86	2
4234	C7H15F	1-fluoro-3-methylhexane	---	6.78198	1346.1039	226.040	6.77	147.86	2
4235	C7H15F	1-fluoro-4-methylhexane	---	6.78198	1346.1039	226.040	6.77	147.86	2
4236	C7H15F	1-fluoro-5-methylhexane	---	6.78198	1346.1039	226.040	6.77	147.86	2
4237	C7H15F	2-fluoro-2-methylhexane	---	6.44077	1238.2668	228.820	-1.23	151.14	2
4238	C7H15F	2-fluoro-3-methylhexane	---	6.44077	1238.2668	228.820	-1.23	151.14	2
4239	C7H15F	2-fluoro-4-methylhexane	---	6.44077	1238.2668	228.820	-1.23	151.14	2
4240	C7H15F	2-fluoro-5-methylhexane	---	6.44077	1238.2668	228.820	-1.23	151.14	2

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mmHg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
4241	C7H15F	3-fluoro-2-methylhexane	---	6.44077	1238.2668	228.820	-1.23	151.14	2
4242	C7H15F	3-fluoro-3-methylhexane	---	6.44077	1238.2668	228.820	-1.23	151.14	2
4243	C7H15F	3-fluoro-4-methylhexane	---	6.44077	1238.2668	228.820	-1.23	151.14	2
4244	C7H15F	3-fluoro-5-methylhexane	---	6.44077	1238.2668	228.820	-1.23	151.14	2
4245	C7H15F	2-fluoro-2,3-dimethylpentane	---	6.44077	1238.2668	228.820	-1.23	151.14	2
4246	C7H15F	2-fluoro-2,4-dimethylpentane	---	6.44077	1238.2668	228.820	-1.23	151.14	2
4247	C7H15F	3-fluoro-2,3-dimethylpentane	---	6.44077	1238.2668	228.820	-1.23	151.14	2
4248	C7H15F	4-fluoro-2,2-dimethylpentane	---	6.44077	1238.2668	228.820	-1.23	151.14	2
4249	C7H15I	1-iodoheptane	4282-40-0	7.29564	1781.0130	199.366	83.53	233.57	1,2
4250	C7H15I	2-iodoheptane	18589-29-2	7.29479	1747.9139	202.146	75.53	222.83	2
4251	C7H15I	3-iodoheptane	31294-92-5	7.29479	1747.9139	202.146	75.53	222.83	2
4252	C7H15I	4-iodoheptane	31294-93-6	7.29479	1747.9139	202.146	75.53	222.83	2
4253	C7H15I	1-iodo-2-methylhexane	---	7.29479	1747.9139	202.146	75.53	222.83	2
4254	C7H15I	1-iodo-3-methylhexane	---	7.29479	1747.9139	202.146	75.53	222.83	2
4255	C7H15I	1-iodo-4-methylhexane	---	7.29479	1747.9139	202.146	75.53	222.83	2
4256	C7H15I	1-iodo-5-methylhexane	---	7.29479	1747.9139	202.146	75.53	222.83	2
4257	C7H15I	2-iodo-2-methylhexane	---	6.93752	1617.7153	204.926	67.53	225.81	2
4258	C7H15I	2-iodo-3-methylhexane	---	6.93752	1617.7153	204.926	67.53	225.81	2
4259	C7H15I	2-iodo-4-methylhexane	---	6.93752	1617.7153	204.926	67.53	225.81	2
4260	C7H15I	2-iodo-5-methylhexane	---	6.93752	1617.7153	204.926	67.53	225.81	2
4261	C7H15I	3-iodo-2-methylhexane	---	6.93752	1617.7153	204.926	67.53	225.81	2
4262	C7H15I	3-iodo-3-methylhexane	---	6.93752	1617.7153	204.926	67.53	225.81	2
4263	C7H15I	3-iodo-4-methylhexane	---	6.93752	1617.7153	204.926	67.53	225.81	2
4264	C7H15I	3-iodo-5-methylhexane	---	6.93752	1617.7153	204.926	67.53	225.81	2
4265	C7H15I	2-iodo-2,3-dimethylpentane	---	6.62281	1502.6195	207.706	59.53	228.98	2
4266	C7H15I	2-iodo-2,4-dimethylpentane	---	6.62281	1502.6195	207.706	59.53	228.98	2
4267	C7H15I	3-iodo-2,3-dimethylpentane	---	6.62281	1502.6195	207.706	59.53	228.98	2
4268	C7H15I	4-iodo-2,2-dimethylpentane	---	6.62281	1502.6195	207.706	59.53	228.98	2
4269	C7H15N	N-methylcyclohexylamine	100-60-7	7.21504	1577.4263	215.096	38.71	176.01	1,2
4270	C7H15N	cyclohexanemethanamine	3218-02-8	7.74803	1740.6829	211.584	46.37	169.63	1,2
4271	C7H15N	cis-2-methylcyclohexylamine	2164-19-4	7.63030	1687.8172	213.391	41.17	166.03	2
4272	C7H15N	trans-2-methylcyclohexylamine	931-10-2	7.46878	1634.8816	214.364	38.37	167.00	2
4273	C7H15N	cis-3-methylcyclohexylamine	1193-16-4	7.60668	1680.0797	213.530	40.77	166.16	2
4274	C7H15N	trans-3-methylcyclohexylamine	1193-17-5	7.53692	1657.2218	213.947	39.57	166.58	2
4275	C7H15N	cis-4-methylcyclohexylamine	2523-56-0	7.63030	1687.8172	213.391	41.17	166.03	2
4276	C7H15N	trans-4-methylcyclohexylamine	2523-55-9	7.55999	1664.7827	213.808	39.97	166.44	2
4277	C7H15N	2,6-dimethylpiperidine	504-03-0	7.07097	1458.4190	220.758	19.47	154.24	1,2
4278	C7H15N	3,3-dimethylpiperidine	1193-12-0	7.09365	1495.6758	217.978	27.47	164.37	1,2
4279	C7H15N	1,2-dimethylpiperidine, (±)	2512-81-4	6.91548	1422.6102	220.619	19.87	160.41	2
4280	C7H15N	2,5-dimethylpiperidine	34893-50-0	7.29814	1545.8676	217.978	27.47	157.57	2
4281	C7H15N	3,5-dimethylpiperidine	35794-11-7	7.61773	1648.4910	216.032	33.07	155.59	2
4282	C7H15N	1-ethylpiperidine	766-09-6	7.08568	1474.0246	219.702	22.51	157.88	1,2
4283	C7H15N	2-ethylpiperidine, (±)	78738-37-1	7.54623	1625.5562	216.449	31.87	156.01	2
4284	C7H15N	3-ethylpiperidine, (±)	59433-08-8	8.06361	1791.2713	213.642	39.95	153.29	2
4285	C7H15N	4-ethylpiperidine	3230-23-7	8.14258	1816.5180	213.252	41.07	152.93	2
4286	C7H15N	1-propylpyrrolidine	7335-07-1	7.19716	1537.5117	219.229	28.87	163.68	3
4287	C7H15N	3-propylpyrrolidine	116632-47-4	6.92197	1551.1544	211.862	50.07	202.87	3
4288	C7H15N	2,2,4-trimethylpyrrolidine	35018-28-1	5.82658	1163.4577	222.982	18.07	216.93	3
4289	C7H15N	2,2,5-trimethylpyrrolidine	6496-48-6	5.68007	1111.0411	224.928	12.47	219.80	3
4290	C7H15N	2-ethylpiperidine	1484-80-6	6.99518	1480.1968	216.713	30.18	171.45	1,2
4291	C7H15N	3-methylcyclohexylamine	6850-35-7	7.46878	1634.8816	214.364	38.37	167.00	2
4292	C7H15N	2-methylcyclohexylamine; (cis+trans)	7003-32-9	7.44641	1627.5468	214.503	37.97	167.14	2
4293	C7H15N	4-methylcyclohexylamine	6321-23-9	7.58324	1672.4018	213.669	40.37	166.30	2
4294	C7H15N	allyldiethylamine	5666-17-1	5.89268	1049.4956	238.453	-23.95	148.69	1,2
4295	C7H15NO	N,N-diisopropylformamide	2700-30-3	7.45541	1816.9345	201.729	79.73	223.43	1,2
4296	C7H15NO2	1-nitroheptane	693-39-0	7.36198	1842.5597	196.850	92.77	243.94	2
4297	C7H16	heptane	142-82-5	7.04670	1341.8887	223.733	-1.81	123.47	1,2
4298	C7H16	2-methylhexane	591-76-4	7.05832	1340.2139	230.768	-9.55	114.96	1,2
4299	C7H16	3-methylhexane	589-34-4	7.08748	1370.7780	234.008	-8.83	116.97	1,2
4300	C7H16	3-methylhexane, (S)-	6131-24-4	7.34921	1441.0067	230.488	-3.53	115.29	1,2
4301	C7H16	2,2-dimethylpentane	590-35-2	7.03664	1321.8976	238.893	-19.91	104.03	1,2
4302	C7H16	2,3-dimethylpentane	565-59-3	7.05945	1360.1893	235.730	-11.26	115.05	1,2
4303	C7H16	2,4-dimethylpentane	108-08-7	7.02311	1303.2278	234.125	-17.75	105.15	1,2
4304	C7H16	3,3-dimethylpentane	562-49-2	7.04247	1359.4762	240.607	-15.62	111.53	1,2
4305	C7H16	2,2,3-trimethylbutane	464-06-2	6.95435	1285.2567	234.634	-24.58	106.06	1,2
4306	C7H16	3-ethylpentane	617-78-7	7.10931	1402.1667	238.129	-8.62	118.89	1,2
4307	C7H16N2	1,2,4-trimethylpiperazine	120-85-4	6.01337	1306.8526	214.503	3.38	247.03	3
4308	C7H16N2	isopropyl piperazine	4318-42-7	4.73126	813.9003	237.160	-19.03	288.14	3
4309	C7H16O	1-heptanol	111-70-6	7.24878	1496.5678	167.773	71.72	200.21	1,2
4310	C7H16O	2-heptanol	543-49-7	6.90908	1219.4191	143.865	62.50	183.30	1,2
4311	C7H16O	2-heptanol, (±)	52390-72-4	8.70021	2090.0849	211.862	59.57	166.89	2
4312	C7H16O	(S)-(+)-2-heptanol	6033-23-4	8.24110	1945.2474	213.350	55.29	171.14	1,2
4313	C7H16O	(R)-(-)-2-heptanol	6033-24-5	8.03668	1868.1129	215.031	50.45	169.76	2
4314	C7H16O	3-heptanol	589-82-2	7.58101	1441.9180	154.778	64.32	172.99	1,2
4315	C7H16O	3-heptanol, (S)	26549-25-7	8.57399	2047.9179	212.418	57.97	167.38	2
4316	C7H16O	4-heptanol	589-55-9	7.51683	1526.1362	174.342	59.84	177.71	1,2
4317	C7H16O	2-methyl-1-hexanol	624-22-6	7.66763	1656.4452	183.193	65.24	186.07	1,2
4318	C7H16O	2-methyl-1-hexanol, (±)	111768-04-8	9.03686	2202.4389	210.472	63.57	165.69	2
4319	C7H16O	3-methyl-1-hexanol	13231-81-7	7.41505	1504.0450	159.509	74.95	195.79	1,2
4320	C7H16O	3-methyl-1-hexanol, (±)	111768-08-2	9.48588	2352.0680	208.804	68.37	164.30	2

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mmHg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
4321	C7H16O	4-methyl-1-hexanol	818-49-5	7.46454	1542.9689	163.619	75.06	196.66	1,2
4322	C7H16O	4-methyl-1-hexanol, (±)	111768-05-9	9.73152	2433.8253	207.970	70.77	163.62	2
4323	C7H16O	5-methyl-1-hexanol	627-98-5	7.92724	1807.1048	190.596	70.27	190.22	1,2
4324	C7H16O	2-methyl-2-hexanol	625-23-0	7.65771	1596.7013	193.405	46.42	163.33	1,2
4325	C7H16O	3-methyl-2-hexanol	2313-65-7	8.06216	2002.7529	235.031	48.56	175.34	1,2
4326	C7H16O	4-methyl-2-hexanol	2313-61-3	7.36770	1332.3065	148.933	60.30	169.35	1,2
4327	C7H16O	5-methyl-2-hexanol	627-59-8	7.91169	1814.2503	211.573	50.92	172.00	1,2
4328	C7H16O	2-methyl-3-hexanol	617-29-8	7.57985	1561.1598	187.380	49.88	167.59	1,2
4329	C7H16O	3-methyl-3-hexanol	597-96-6	7.71591	1645.7077	199.517	45.53	163.45	1,2
4330	C7H16O	4-methyl-3-hexanol	615-29-2	8.37096	2319.5881	273.000	41.69	174.01	1,2
4331	C7H16O	5-methyl-3-hexanol	623-55-2	8.11417	2015.5085	238.127	45.18	170.51	1,2
4332	C7H16O	2-methyl-3-hexanol, (±)	100295-82-7	7.80296	1789.7250	216.310	46.77	170.98	2
4333	C7H16O	5-methyl-3-hexanol, (±)	100295-83-8	8.00515	1857.5429	215.198	49.97	169.92	2
4334	C7H16O	2-ethyl-1-pentanol	27522-11-8	8.34385	2324.3519	259.469	57.03	190.81	1,2
4335	C7H16O	3-ethyl-1-pentanol	66225-51-2	9.60876	2827.7320	273.000	55.47	166.98	2
4336	C7H16O	2,2-dimethyl-1-pentanol	2370-12-9	8.26627	2299.5921	273.000	43.47	179.28	1,2
4337	C7H16O	2,3-dimethyl-1-pentanol	10143-23-4	8.43528	1787.2539	174.473	65.90	165.73	2
4338	C7H16O	2,4-dimethyl-1-pentanol	6305-71-1	8.45493	2401.6089	273.000	49.15	182.45	1,2
4339	C7H16O	2,4-dimethyl-1-pentanol, (±)	111768-02-6	8.70021	2090.0849	211.862	59.57	166.89	2
4340	C7H16O	3,3-dimethyl-1-pentanol	19264-94-9	7.23870	1439.1872	163.249	67.44	191.51	1,2
4341	C7H16O	3,4-dimethyl-1-pentanol	6570-87-2	7.90512	1927.1308	218.712	60.38	189.30	1,2
4342	C7H16O	4,4-dimethyl-1-pentanol	3121-79-7	8.31547	2353.2056	273.000	48.68	185.39	1,2
4343	C7H16O	3-ethyl-2-pentanol	609-27-8	8.55404	2394.1023	273.000	43.93	172.65	1,2
4344	C7H16O	2,3-dimethyl-2-pentanol	4911-70-0	7.50915	1502.0962	187.043	43.72	160.08	1,2
4345	C7H16O	2,4-dimethyl-2-pentanol	625-06-9	7.56293	1533.3921	195.650	37.99	154.35	1,2
4346	C7H16O	3,3-dimethyl-2-pentanol	19781-24-9	8.33618	2364.2099	285.873	36.39	172.81	1,2
4347	C7H16O	3,4-dimethyl-2-pentanol	64502-86-9	8.62246	2413.1934	273.000	43.59	170.55	2
4348	C7H16O	4,4-dimethyl-2-pentanol	6144-93-0	7.45496	1482.8315	186.677	43.04	160.34	1,2
4349	C7H16O	3-ethyl-3-pentanol	597-49-9	7.75637	1718.7437	210.673	43.72	165.05	1,2
4350	C7H16O	2,2-dimethyl-3-pentanol	3970-62-5	7.37758	1415.2676	178.880	43.03	158.43	1,2
4351	C7H16O	2,3-dimethyl-3-pentanol	595-41-5	7.58162	1602.1913	201.083	42.35	163.07	1,2
4352	C7H16O	2,4-dimethyl-3-pentanol	600-36-2	7.75838	1692.3014	209.106	41.29	160.67	1,2
4353	C7H16O	2-methyl-2-ethyl-1-butanol	18371-13-6	7.27812	1379.7446	157.270	62.50	179.56	1,2
4354	C7H16O	3-methyl-2-ethyl-1-butanol	32444-34-1	8.59689	2017.3993	205.638	59.92	166.92	2
4355	C7H16O	2,2,3-trimethyl-1-butanol	55505-23-2	7.96656	1858.8413	209.000	57.82	179.50	1,2
4356	C7H16O	2,3,3-trimethyl-1-butanol	36794-64-6	8.62530	2046.7385	209.000	59.41	167.00	2
4357	C7H16O	2,3,3-trimethyl-2-butanol	594-83-2	8.40061	1870.3839	209.000	17.00	149.40	1,2
4358	C7H16O	heptanol	53535-33-4	9.99306	2520.8104	207.136	73.17	162.96	2
4359	C7H16O	1-methoxy-hexane	4747-07-3	7.56692	1626.3548	221.009	26.65	149.88	1,2
4360	C7H16O	2-methoxy-hexane	---	7.16110	1468.3898	225.762	12.57	143.25	2
4361	C7H16O	3-methoxy-hexane	---	7.16110	1468.3898	225.762	12.57	143.25	2
4362	C7H16O	1-ethoxy-pentane	17952-11-3	7.46912	1573.4294	223.372	19.85	143.63	1,2
4363	C7H16O	2-ethoxy-pentane	---	7.16110	1468.3898	225.762	12.57	143.25	2
4364	C7H16O	3-ethoxy-pentane	---	7.16110	1468.3898	225.762	12.57	143.25	2
4365	C7H16O	1-propoxy-butane	3073-92-5	7.60677	1608.6329	223.233	20.25	140.31	1,2
4366	C7H16O	2-propoxy-butane	---	7.16110	1468.3898	225.762	12.57	143.25	2
4367	C7H16O	1-isopropoxy-butane	1860-27-1	7.03772	1429.5275	226.596	10.17	144.14	2
4368	C7H16O	2-isopropoxy-butane	18641-81-1	6.73419	1333.7162	228.820	3.77	146.63	2
4369	C7H16O	isopropyl-tert-butyl-ether	17348-59-3	8.63237	1808.1886	226.733	10.18	105.01	1,2
4370	C7H16O	isopropyl isobutyl ether	78448-33-6	6.73598	1334.2824	228.806	3.81	146.61	2
4371	C7H16O	2-ethoxy-2-methylbutane	919-94-8	7.52187	1531.1764	227.870	6.91	124.93	1,2
4372	C7H16O	ethyl isopentyl ether	628-04-6	7.33727	1524.4890	224.789	15.77	142.08	2
4373	C7H16O	1-(1-methylethoxy)butane	1860-27-1	7.55662	1565.7910	225.721	13.09	132.19	1,2
4374	C7H16O	2-methyl-1-propoxypropane	15268-49-2	7.41878	1518.9679	226.874	9.77	131.63	1,2
4375	C7H16O	2-methyl-2-propoxypropane	29072-93-3	7.68202	1563.8226	228.264	5.77	119.24	1,2
4376	C7H16O2	1,2-heptanediol	3710-31-4	8.20817	2253.7796	189.900	122.77	258.50	3
4377	C7H16O2	1,3-heptanediol	23433-04-7	8.77595	2475.9596	186.842	131.57	255.76	3
4378	C7H16O2	1,4-heptanediol	40646-07-9	8.40385	2330.4226	188.788	125.97	257.48	3
4379	C7H16O2	1,5-heptanediol	60096-09-5	7.32935	1908.4124	195.840	105.68	264.29	3
4380	C7H16O2	1,6-heptanediol	13175-27-4	7.17836	1848.8405	197.050	102.19	265.56	3
4381	C7H16O2	1,7-heptanediol	629-30-1	8.10491	2310.5051	183.228	141.97	286.09	1,2
4382	C7H16O2	2,3-heptanediol	21508-07-6	8.07142	2200.1717	190.718	120.42	259.25	3
4383	C7H16O2	2,4-heptanediol	20748-86-1	8.07142	2200.1717	190.718	120.42	259.25	3
4384	C7H16O2	2,6-heptanediol	5969-12-0	8.07142	2200.1717	190.718	120.42	259.25	3
4385	C7H16O2	2-methyl-1,2-hexanediol	56255-50-6	7.49297	1972.8802	194.599	109.25	263.03	3
4386	C7H16O2	2-methyl-2,4-hexanediol	66225-35-2	8.49991	2368.0197	188.266	127.47	257.01	3
4387	C7H16O2	2-methyl-2,5-hexanediol	29044-06-2	8.49991	2368.0197	188.266	127.47	257.01	3
4388	C7H16O2	3-methyl-1,6-hexanediol	4089-71-8	7.17836	1848.8405	197.050	102.19	265.56	3
4389	C7H16O2	3-methyl-2,4-hexanediol	---	9.30888	2683.9893	184.385	138.64	253.67	3
4390	C7H16O2	3-methyl-3,4-hexanediol	18938-47-1	8.49991	2368.0197	188.266	127.47	257.01	3
4391	C7H16O2	4-methyl-1,5-hexanediol	66225-37-4	8.07142	2200.1717	190.718	120.42	259.25	3
4392	C7H16O2	4-methyl-2,4-hexanediol	38836-25-8	8.49991	2368.0197	188.266	127.47	257.01	3
4393	C7H16O2	5-methyl-1,5-hexanediol	1462-11-9	7.49297	1972.8802	194.599	109.25	263.03	3
4394	C7H16O2	5-methyl-2,4-hexanediol	54877-00-8	9.30888	2683.9893	184.385	138.64	253.67	3
4395	C7H16O2	2-ethyl-1,3-pentanediol	29887-11-4	7.62758	2025.8557	193.628	112.04	262.06	3
4396	C7H16O2	2-ethyl-1,5-pentanediol	14189-13-0	7.17836	1848.8405	197.050	102.19	265.56	3
4397	C7H16O2	3-ethyl-2,3-pentanediol	66225-32-9	7.00099	1778.7537	198.560	97.85	267.19	3
4398	C7H16O2	3-ethyl-2,4-pentanediol	66225-33-0	7.02162	1786.9117	198.379	98.37	266.99	3
4399	C7H16O2	2,2-dimethyl-1,3-pentanediol	2157-31-5	7.18580	1851.7756	196.989	102.37	265.50	3
4400	C7H16O2	2,2-dimethyl-1,5-pentanediol	3121-82-2	7.49297	1972.8802	194.599	109.25	263.03	3

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mmHg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
4401	C7H16O2	2,3-dimethyl-1,3-pentanediol	66225-52-3	8.49991	2368.0197	188.266	127.47	257.01	3
4402	C7H16O2	2,3-dimethyl-2,3-pentanediol	6931-70-0	8.98971	2559.4533	185.814	134.53	254.87	3
4403	C7H16O2	DL-2,4-dimethyl-1,5-pentanediol	54630-82-9	8.07142	2200.1717	190.718	120.42	259.25	3
4404	C7H16O2	meso-2,4-dimethyl-1,5-pentanediol	2121-69-9	8.07142	2200.1717	190.718	120.42	259.25	3
4405	C7H16O2	2,4-dimethyl-2,3-pentanediol	66225-53-4	6.41414	1545.8782	204.356	59.00	273.90	3
4406	C7H16O2	2,4-dimethyl-2,4-pentanediol	24892-49-7	6.70248	1660.5045	201.340	89.85	270.31	3
4407	C7H16O2	3,3-dimethyl-1,5-pentanediol	53120-74-4	7.49297	1972.8802	194.599	109.25	263.03	3
4408	C7H16O2	3,4-dimethyl-1,4-pentanediol	63521-36-8	8.49991	2368.0197	188.266	127.47	257.01	3
4409	C7H16O2	4,4-dimethyl-1,2-pentanediol	66225-54-5	8.49991	2368.0197	188.266	127.47	257.01	3
4410	C7H16O2	erythro-4,4-dimethyl-2,3-pentanediol	23646-57-3	9.92648	2924.5908	181.933	145.70	251.68	3
4411	C7H16O2	threo-4,4-dimethyl-2,3-pentanediol	23646-58-4	9.92648	2924.5908	181.933	145.70	251.68	3
4412	C7H16O2	2-propyl-1,4-butanediol	62946-68-3	7.17836	1848.8405	197.050	102.19	265.56	3
4413	C7H16O2	2-isopropyl-1,4-butanediol	39497-66-0	8.07142	2200.1717	190.718	120.42	259.25	3
4414	C7H16O2	2-methyl-3-ethyl-1,4-butanediol	---	8.07142	2200.1717	190.718	120.42	259.25	3
4415	C7H16O2	2-sec-butyl-1,3-propanediol	33673-01-7	8.07142	2200.1717	190.718	120.42	259.25	3
4416	C7H16O2	2-methyl-2-propyl-1,3-propanediol	78-26-2	8.14699	2229.8015	190.262	121.73	258.83	3
4417	C7H16O2	2,2-diethyl-1,3-propanediol	115-76-4	8.02351	2181.3780	191.012	119.57	259.53	3
4418	C7H16O2	1-butoxy-2-propanol	5131-66-8	8.01322	1943.0636	208.387	68.67	193.79	1,2
4419	C7H16O2	2-(pentyloxy)ethanol	6196-58-3	8.24173	2057.4061	204.634	79.47	201.98	3
4420	C7H16O2	1-tert-butoxy-2-propanol	57018-52-7	6.61054	1473.9016	216.032	46.67	213.84	3
4421	C7H16O2	1-isobutoxy-2-propanol	23436-19-3	7.33046	1732.4216	210.194	63.47	207.40	3
4422	C7H16O2	propylene glycol butyl ether, isomers	29387-86-8	7.53380	1805.1207	208.804	67.47	205.98	3
4423	C7H16O2	propylene glycol 2-tert-butyl ether	94023-15-1	6.85753	1562.6608	213.808	52.97	211.33	3
4424	C7H16O2	diethylene glycol monopropyl ether	---	10.30421	2787.3634	196.339	103.24	195.01	3
4425	C7H16O2	1-butoxy-2-methoxyethane	13343-98-1	7.97581	1843.2119	215.219	49.01	169.27	1,2
4426	C7H16O2	3-butoxy-1-propanol	10215-33-5	10.47103	2846.2128	195.840	104.68	194.63	3
4427	C7H16O2	n-butoxypropanol (mixed isomers)	63716-40-5	10.47103	2846.2128	195.840	104.68	194.63	3
4428	C7H16O2	isobutoxypropanol, mixed isomers	63716-39-2	10.47103	2846.2128	195.840	104.68	194.63	3
4429	C7H16O3S	butyl propyl sulfite	---	6.16663	1385.8325	198.657	69.57	265.64	3
4430	C7H16S	1-heptanethiol	1639-09-4	7.58074	1804.4187	206.875	67.32	203.32	1,2
4431	C7H16S	2-heptanethiol	1628-00-2	7.15467	1644.7347	210.584	56.65	203.41	2
4432	C7H16S	3-heptanethiol	---	7.09691	1623.6763	210.862	55.45	203.86	2
4433	C7H16S	4-heptanethiol	---	7.06050	1610.8165	211.140	54.65	204.16	2
4434	C7H16S	2-methyl-1-hexanethiol	---	7.37994	1723.4962	208.821	61.32	201.72	2
4435	C7H16S	3-methyl-1-hexanethiol	---	7.33966	1709.3055	209.099	60.52	202.01	2
4436	C7H16S	4-methyl-1-hexanethiol	---	7.29994	1695.3083	209.377	59.72	202.30	2
4437	C7H16S	5-methyl-1-hexanethiol	---	7.10940	1628.0872	210.767	55.72	203.76	2
4438	C7H16S	2-methyl-2-hexanethiol	---	7.07282	1615.1700	211.045	54.92	204.06	2
4439	C7H16S	3-methyl-2-hexanethiol	---	7.03673	1602.4203	211.323	54.12	204.36	2
4440	C7H16S	4-methyl-2-hexanethiol	---	7.00112	1589.8349	211.601	53.32	204.66	2
4441	C7H16S	5-methyl-2-hexanethiol	---	6.96598	1577.4103	211.879	52.52	204.97	2
4442	C7H16S	2-thiaoctane	20291-60-5	7.88253	1820.3836	209.699	54.79	177.56	2
4443	C7H16S	3-thiaoctane	26158-99-6	7.83282	1803.6708	209.977	53.99	177.83	2
4444	C7H16S	4-thiaoctane	1613-46-3	7.31544	1640.9528	212.182	47.65	184.80	1,2
4445	C7H16S	3-methyl-2-thiaheptane	---	7.41880	1664.2243	212.479	46.79	180.31	2
4446	C7H16S	4-methyl-2-thiaheptane	---	7.37620	1649.8500	212.757	45.99	180.59	2
4447	C7H16S	5-methyl-2-thiaheptane	---	7.33422	1635.6816	213.035	45.19	180.88	2
4448	C7H16S	2-methyl-3-thiaheptane	---	7.37620	1649.8500	212.757	45.99	180.59	2
4449	C7H16S	4-methyl-3-thiaheptane	---	7.33422	1635.6816	213.035	45.19	180.88	2
4450	C7H16S	5-methyl-3-thiaheptane	---	7.29285	1621.7146	213.313	44.39	181.17	2
4451	C7H16S2	1,7-heptanedithiol	62224-02-6	6.86492	1769.0058	182.167	119.46	298.14	2
4452	C7H16S2	1,6-heptanedithiol	---	6.91385	1807.0986	186.225	119.35	297.99	2
4453	C7H16S2	1,5-heptanedithiol	---	6.88448	1795.0536	186.503	118.55	298.30	2
4454	C7H16S2	1,4-heptanedithiol	---	6.85544	1783.1385	186.781	117.75	298.61	2
4455	C7H16S2	1,3-heptanedithiol	---	6.82672	1771.3513	187.059	116.95	298.92	2
4456	C7H16S2	1,2-heptanedithiol	---	6.79832	1759.6897	187.337	116.15	299.24	2
4457	C7H16S2	2,3-dithianonane	---	7.52760	1891.3874	195.182	94.57	240.04	2
4458	C7H16S2	3,4-dithianonane	---	7.44854	1861.7477	195.738	92.97	240.61	2
4459	C7H16S2	4,5-dithianonane	---	7.37158	1832.8770	196.294	91.37	241.17	2
4460	C7H16S2	2,4-dithianonane	---	7.95762	2052.3056	192.402	102.57	237.33	2
4461	C7H16S2	3,5-dithianonane	---	7.86665	2018.3037	192.958	100.97	237.86	2
4462	C7H16S2	4,6-dithianonane	57422-58-9	7.77827	1985.2497	193.514	99.37	238.40	2
4463	C7H17ClSi	(1-chloroethyl)-diethylmethylsilane	18817-17-9	7.78720	2184.2000	273.150	48.66	201.12	3
4464	C7H17N	heptylamine	111-68-2	7.72782	1785.1334	212.446	52.89	180.24	1,2
4465	C7H17N	2,4-dimethyl-2-pentanamine	64379-30-2	6.73500	1417.2246	222.148	24.97	176.71	2
4466	C7H17N	2-heptanamine	123-82-0	7.67325	1718.7501	216.588	40.97	166.09	1,2
4467	C7H17N	4-heptanamine	16751-59-0	7.40241	1640.6387	217.283	38.97	171.44	2
4468	C7H17N	3-methyl-1-hexanamine	65530-93-0	7.84377	1787.6772	214.642	46.57	168.82	2
4469	C7H17N	4-methyl-2-hexanamine	105-41-9	7.11546	1544.7609	219.229	33.37	173.48	2
4470	C7H17N	4-methyl-1-hexylamine	34263-68-8	8.05056	1856.4145	213.530	49.77	167.76	2
4471	C7H17N	(S)-2-heptylamine	44745-29-1	7.55750	1692.3608	216.310	41.77	170.46	2
4472	C7H17N	(R)-2-heptylamine	6240-90-0	7.55750	1692.3608	216.310	41.77	170.46	2
4473	C7H17N	3-aminoheptane	28292-42-4	7.67539	1715.8181	216.866	40.17	164.97	1,2
4474	C7H17N	5-methyl-2-hexylamine	28292-43-5	6.81441	1443.8870	221.504	26.83	175.98	2
4475	C7H17N	methylhexylamine	35161-70-7	7.72113	1731.0836	216.588	40.97	164.77	1,2
4476	C7H17N	ethylpentylamine	17839-26-8	7.59967	1672.2384	218.812	34.57	159.71	2
4477	C7H17N	N-tert-butylisopropylamine	7515-80-2	6.28027	1238.6990	228.820	5.77	170.96	2
4478	C7H17N	N-propylbutylamine	20193-21-9	7.57621	1664.5782	218.951	34.17	159.85	2
4479	C7H17N	dimethylpentylamine	26153-88-8	7.67091	1648.5050	222.148	24.97	145.08	1,2
4480	C7H17N	dimethyl-2-pentylamine	57303-85-2	7.35663	1527.7033	225.762	14.57	140.17	2

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mmHg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
4481	C7H17N	dimethyl-3-pentylamine	18636-94-7	7.64457	1621.1843	223.816	20.17	139.46	1,2
4482	C7H17N	dimethyl-2-methylbutylamine	66225-39-6	7.63375	1614.5626	224.136	19.25	138.53	2
4483	C7H17N	dimethyl-3-methylbutylamine	2315-43-7	7.66880	1618.3919	224.511	18.17	136.18	1,2
4484	C7H17N	dimethyl-1,1-dimethylpropylamine	57757-60-5	7.79443	1664.8409	223.260	21.77	137.67	2
4485	C7H17N	dimethyl-1,2-dimethylpropylamine	66225-38-5	7.76057	1654.2507	223.441	21.25	137.85	2
4486	C7H17N	dimethyl-2,2-dimethylpropylamine	10076-31-0	7.76057	1654.2507	223.441	21.25	137.85	2
4487	C7H17N	methylethylbutylamine	66225-40-9	7.66968	1630.7913	223.538	20.97	139.84	1,2
4488	C7H17N	methylethyl-sec-butylamine	66225-41-0	7.09787	1446.4165	227.430	9.77	141.93	2
4489	C7H17N	methylethylisobutylamine	60247-14-5	7.26769	1499.7839	226.318	12.97	140.75	2
4490	C7H17N	methylethyl-tert-butylamine	52841-28-8	7.66790	1605.9925	225.484	15.37	132.51	1,2
4491	C7H17N	methyldipropylamine	3405-42-3	7.69924	1627.8775	224.345	18.65	136.01	1,2
4492	C7H17N	methylpropylisopropylamine	66225-42-1	7.53603	1583.9545	224.692	17.65	139.09	2
4493	C7H17N	methyl-diisopropylamine	10342-97-9	7.49546	1571.2401	224.928	16.97	139.32	2
4494	C7H17N	diethylpropylamine	4458-31-5	7.66590	1612.4688	224.928	16.97	134.67	1,2
4495	C7H17N	diethylisopropylamine	6006-15-1	7.66751	1600.6785	225.901	14.17	130.94	1,2
4496	C7H17NO	1-(diethylamino)-2-propanol, (±)	78738-36-0	5.62016	1244.8190	211.862	14.71	298.66	3
4497	C7H17NO	2-(diethylamino)-1-propanol	611-12-1	7.75484	1844.6530	209.916	63.17	193.46	1,2
4498	C7H17NO	3-(diethylamino)-1-propanol	622-93-5	7.86963	1960.2703	203.383	81.97	214.78	1,2
4499	C7H17NO	2-[isopentylamino]ethanol	34240-76-1	6.60517	1644.8053	199.074	94.37	281.40	3
4500	C7H17NO	3-butoxypropylamine	16499-88-0	8.04550	1949.7733	207.970	68.77	192.92	1,2
4501	C7H17NO	1-diethylamino-2-propanol	4402-32-8	5.98546	1393.9899	206.441	73.17	290.77	3
4502	C7H17NO	4-amino-2-methyl-3-hexanol	63765-80-0	5.98546	1393.9899	206.441	73.17	290.77	3
4503	C7H17NO2	3-(diethylamino)-1,2-propanediol	621-56-7	8.87803	2549.1926	191.012	132.57	256.51	1,2
4504	C7H17NO2	(S)-3-tert-butylamino-1,2-propanediol	30315-46-9	6.22100	1546.3426	205.607	90.57	303.20	3
4505	C7H17O2PS3	phorate	298-02-2	9.52490	3697.0000	273.150	160.52	309.69	3
4506	C7H18N2	N,N-diethyl-1,3-propanediamine	104-78-9	6.84390	1585.9823	209.221	28.90	223.86	3
4507	C7H18N2	1,7-heptanediamine	646-19-5	7.68951	2009.2762	193.792	106.57	251.95	1,2
4508	C7H18N2	N,N,N',N'-tetramethyl-1,3-propanediamine	110-95-2	7.60389	1707.7819	216.032	28.90	170.16	1,2
4509	C7H18N2	N,N-diethyl-N'-methyleneethylenediamine	104-79-0	7.67693	1777.2071	212.001	28.90	183.37	1,2
4510	C7H18N2	N,N,2,2-tetramethyl-1,3-propanediamine	53369-71-4	7.67650	1770.1213	212.557	28.90	181.27	1,2
4511	C7H18N2	3-diethylaminopropylamine	14642-66-1	6.90258	1607.4551	208.721	63.61	223.31	3
4512	C7H18N2	heptyl hydrazine	2656-72-6	9.44817	2300.6983	208.721	63.61	158.43	2
4513	C8F16	hexadecafluoro-1,3-dimethylcyclohexane; (cis+trans)	335-27-3	6.80271	1193.0750	202.709	2.90	126.79	1,2
4514	C8F18	perfluorooctane	307-34-6	7.83260	1617.3727	226.624	10.09	121.14	1,2
4515	C8F18N2OS	oxobis(trifluoro-methyl)bis[[2,2,2-trifluoro-1-(trifluoro-methyl)ethylidene]-amino]sulfur	900002-56-4	7.52010	2069.0000	273.150	44.18	203.77	3
4516	C8F18O	perfluoro-n-dibutyl ether	308-48-5	10.20051	2745.9848	273.150	25.31	118.09	3
4517	C8F18O2	dodecafluoro-1,6-bis(trifluoromethoxy)-hexane	900001-89-0	7.48700	1755.0000	273.150	-2.61	134.50	3
4518	C8F18O3S	sulfuric acid, bis[2,2,2-trifluoro-1,1-bis(trifluoromethyl)-ethyl] ester	53517-90-1	7.75010	2018.0000	273.150	25.81	168.59	3
4519	C8F18S2	bis(nonafluorobutyl) disulfide	42060-69-5	8.30010	2345.0000	273.150	48.08	185.01	3
4520	C8HCl4F11O2	3,5,7,8-tetrachloro-2,2,3,4,4,5,6,6,7,8,8-undecafluorooctanoic acid	2923-68-4	9.54568	3686.6708	273.150	158.26	306.17	3
4521	C8H2F14	1,1,1,2,2,3,3,6,6,7,7,8,8,8-tetradecafluoro-4-octene	3910-82-5	7.99010	1930.0000	273.150	2.95	128.24	3
4522	C8H2F16	1H,8H-hexadecafluorooctane	307-99-3	8.09610	2145.9000	273.150	24.85	163.52	3
4523	C8H3ClF6	4-chloro-1,3-bis(trifluoromethyl)-benzene	327-76-4	7.97580	1955.8550	239.275	41.10	168.71	3
4524	C8H3ClF6	5-chloro-1,3-bis(trifluoromethyl)-benzene	328-72-3	8.10974	1986.6370	246.153	1.85	156.99	3
4525	C8H3Cl4F3	1,1-dichloro-1-(3,4-dichlorophenyl)-2,2,2-trifluoroethane	328-82-5	8.72378	2986.5570	273.150	113.52	265.75	3
4526	C8H3F5O2	pentafluorophenyl acetate	19220-93-0	8.62328	2513.5700	273.150	56.57	188.78	3
4527	C8H3F15O	2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-1-octanol	307-30-2	9.27450	2795.0000	273.150	64.63	185.60	3
4528	C8H4ClF3O	trifluoromethyl 3-chlorophenyl ketone	321-31-3	8.58418	2571.1600	273.150	65.87	202.79	3
4529	C8H4Cl2O2	isophthaloyl chloride	99-63-8	7.08120	1997.4229	184.006	144.45	328.24	3
4530	C8H4Cl2O2	1,2-benzenedicarbonyl dichloride	88-95-9	7.47752	2450.5352	241.580	117.85	328.89	3
4531	C8H4Cl2O2	1,4-benzenedicarbonyl dichloride	100-20-9	6.73528	2176.5290	273.150	106.35	339.36	3
4532	C8H4Cl3F3	1,1-dichloro-1-(3-chlorophenyl)-2,2,2-trifluoroethane	309-12-6	8.24885	2591.0360	273.150	84.29	238.20	3
4533	C8H4F6	1,3-bis(trifluoromethyl)benzene	402-31-3	5.79933	1131.8902	220.471	1.85	211.96	3
4534	C8H4F6	1,4-bis(trifluoromethyl)benzene	433-19-2	5.63567	1035.5266	208.531	14.85	213.47	3
4535	C8H4O3	phthalic anhydride	85-44-9	8.05129	2504.9439	200.421	154.83	314.00	1,2
4536	C8H5Cl2F3	(1,1-dichloro-2,2,2-trifluoroethyl)benzene	309-10-4	8.28621	2450.6550	273.150	63.19	206.96	3
4537	C8H5Cl2N	a,a-dichlorophenyl-acetonitrile	40626-45-7	5.93244	1664.0073	239.230	55.85	365.73	3
4538	C8H5Cl5	pentachloroethyl-benzene	606-07-5	7.53389	2610.7879	251.745	95.85	348.15	2
4539	C8H5F3O	2,2,2-trifluoro-1-phenylethanone	434-45-7	8.16128	2250.2700	273.150	41.08	178.76	3
4540	C8H5F3O2S	2-thenoyltrifluoroacetone	326-91-0	13.65560	4536.6000	273.150	85.32	159.99	3
4541	C8H6	ethynylbenzene	536-74-3	8.35510	1795.3995	201.512	42.59	145.54	3
4542	C8H6BrN	2-bromobenzeneacetonitrile	19472-74-3	8.02934	2160.2300	191.082	84.85	254.56	3
4543	C8H6Cl2	2,5-dichlorostyrene	1123-84-8	7.52187	2145.2898	231.805	55.85	262.50	3
4544	C8H6Cl2	2,6-dichlorostyrene	6607-45-0	6.99228	1743.0593	193.514	97.37	263.93	3
4545	C8H6Cl2	(2,2-dichlorovinyl)benzene	698-88-4	6.99228	1743.0593	193.514	97.37	263.93	3
4546	C8H6Cl2	1,2-dichloro-3-vinylbenzene	2123-28-6	7.71235	2260.8325	237.496	60.85	261.53	3
4547	C8H6Cl2	1,2-dichloro-4-vinylbenzene	2039-83-0	7.59151	2194.6784	235.456	56.85	262.24	3
4548	C8H6Cl2	1,3-dichloro-2-vinylbenzene	28469-92-3	7.44238	2135.2356	237.656	89.00	263.51	3
4549	C8H6Cl2	1,3-dichloro-5-vinylbenzene	2155-42-2	7.61880	2229.9447	240.216	96.69	262.37	3
4550	C8H6Cl2	2,4-dichloro-1-vinylbenzene	2123-27-5	7.53847	2171.3471	235.752	52.85	262.65	3
4551	C8H6Cl2O	3-(chloromethyl)benzoyl chloride	63024-77-1	7.74384	2644.6112	273.150	119.00	306.56	3
4552	C8H6Cl2O	4-(chloromethyl)benzoyl chloride	876-08-4	8.86256	3252.9941	273.150	140.58	299.49	3
4553	C8H6Cl4	1,4-bis(dichloromethyl)benzene	7398-82-5	6.98295	1855.6071	180.059	130.09	308.12	2
4554	C8H6Cl4	1,2,3,4-tetrachloro-5,6-dimethylbenzene	877-08-7	7.05306	1887.3184	180.059	131.74	307.47	2
4555	C8H6Cl4	1,2,3,5-tetrachloro-4,6-dimethylbenzene	877-09-8	7.04273	1882.6466	180.059	131.50	307.56	2
4556	C8H6Cl4	a,a,a',a'-tetrachloro-o-xylene	25641-99-0	6.93609	1838.6970	180.059	88.40	309.71	1,2
4557	C8H6Cl4	1,2,4,5-tetrachloro-3,6-dimethylbenzene	877-10-1	6.99636	1861.6730	180.059	130.41	307.99	2
4558	C8H6Cl4	1,2,3,5-tetrachloro-4-ethylbenzene	61911-56-6	7.92208	2713.4875	265.963	126.04	306.47	2
4559	C8H6F12O3S	bis[1,1-bis(trifluoro-methyl)ethyl]sulfite	---	8.34010	2448.0000	273.150	60.36	201.43	3
4560	C8H6N2Se	4-phenyl-1,2,3-selenadiazole	25660-64-4	12.34490	4735.6000	273.150	144.27	243.66	3

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mmHg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
4561	C8H6O	benzofuran	271-89-6	7.18389	1689.1684	218.549	54.61	203.53	1,2
4562	C8H6S	benzothiophene	95-15-8	7.61551	1990.1330	212.993	87.83	235.87	3
4563	C8H7Br	1-bromo-2-vinylbenzene	2039-88-5	8.18072	2100.8896	195.000	97.57	225.27	3
4564	C8H7Cl	2-chlorostyrene	2039-87-4	7.23866	1807.7732	226.082	63.69	219.53	1,2
4565	C8H7Cl	3-chlorostyrene	2039-85-2	7.47492	1935.8510	231.527	67.45	219.40	1,2
4566	C8H7Cl	4-chlorostyrene	1073-67-2	9.99426	4217.1226	400.788	68.08	218.25	1,2
4567	C8H7Cl	(1-chlorovinyl)benzene	618-34-8	7.20646	1690.0949	200.742	71.57	219.20	2
4568	C8H7Cl	(cis-2-chlorovinyl)benzene	4604-28-8	7.04880	1633.5060	201.945	68.11	220.48	2
4569	C8H7Cl	(trans-2-chlorovinyl)benzene	4110-77-4	7.20646	1690.0949	200.742	71.57	219.20	2
4570	C8H7Cl	chlorostyrene	1331-28-8	7.04880	1633.5060	201.945	68.11	220.48	2
4571	C8H7ClO	benzeneacetyl chloride	103-80-0	7.47721	1974.0137	215.240	89.52	244.33	3
4572	C8H7ClO	1-(4-chlorophenyl)ethanone	99-91-2	8.15734	2154.0350	194.000	106.95	238.93	3
4573	C8H7FO	2-fluoro-1-phenylethanone	450-95-3	9.72853	3236.4000	273.150	97.63	221.21	3
4574	C8H7N	indole	120-72-9	7.13700	1841.3421	178.577	121.46	286.98	1,2
4575	C8H7N	benzeneacetonitrile	140-29-4	7.53516	2116.1510	221.811	102.00	264.29	1,2
4576	C8H7N	2-methylbenzonitrile	529-19-1	7.04776	1683.9643	199.074	79.37	236.52	1,2
4577	C8H7N	3-methylbenzonitrile	620-22-4	7.02130	1701.7426	196.850	85.77	246.37	1,2
4578	C8H7N	4-methylbenzonitrile	104-85-8	7.04217	1720.2557	195.738	88.97	249.89	1,2
4579	C8H7NO	m-tolyl isocyanate	621-29-4	4.78224	800.2617	235.214	-23.63	264.83	3
4580	C8H7NO	p-tolyl isocyanate	622-58-2	4.67818	760.9659	237.716	-30.83	270.84	3
4581	C8H7NO4	methyl 2-nitrobenzoate	606-27-9	8.85450	4177.6754	385.107	146.78	351.35	3
4582	C8H7NS	benzyl isothiocyanate	622-78-6	8.75320	2944.0600	258.340	78.85	270.09	3
4583	C8H7NS	2-methylbenzothiazole	120-75-2	8.66282	2831.4500	251.700	117.80	264.90	3
4584	C8H8	styrene	100-42-5	6.92098	1437.8521	210.039	32.80	174.50	1,2
4585	C8H8	1,3,5,7-cyclooctatetraene	629-20-9	7.35856	1534.3045	212.343	28.95	155.00	3
4586	C8H8	1,3,5-octatrien-7-yne	20023-57-8	13.12888	6934.3326	546.340	25.38	150.79	3
4587	C8H8Br2	1,2-bis(bromomethyl)benzene	91-13-4	7.10207	1878.7183	182.864	125.02	296.37	2
4588	C8H8Br2	1,3-bis(bromomethyl)benzene	626-15-3	7.10207	1878.7183	182.864	125.02	296.37	2
4589	C8H8Br2	1,4-bis(bromomethyl)benzene	623-24-5	6.93619	1755.9952	187.954	107.86	279.77	1,2
4590	C8H8Br2	1,2-dibromo-3,4-dimethylbenzene	24932-49-8	7.44711	2014.9059	179.058	133.47	293.34	2
4591	C8H8Br2	1,5-dibromo-2,4-dimethylbenzene	615-87-2	6.76425	1736.7988	185.035	116.27	299.78	2
4592	C8H8Br2	(1,2-dibromoethyl)benzene	93-52-7	7.10207	1878.7183	182.864	125.02	296.37	2
4593	C8H8Br2	1,4-dibromo-2,5-dimethylbenzene	1074-24-4	6.95617	1811.7266	183.506	120.67	296.51	1,2
4594	C8H8Br2	1,2-dibromo-4,5-dimethylbenzene	24932-48-7	6.97737	1871.3720	178.766	134.31	314.28	1,2
4595	C8H8Br2	ethyl dibromobenzene	30812-87-4	7.10207	1878.7183	182.864	125.02	296.37	2
4596	C8H8Cl2	1,2-bis(chloromethyl)benzene	612-12-4	6.97373	1755.9981	189.483	104.47	273.61	1,2
4597	C8H8Cl2	1,3-bis(chloromethyl)benzene	626-16-4	6.95832	1788.7901	186.147	114.07	287.52	1,2
4598	C8H8Cl2	1,4-bis(chloromethyl)benzene	623-25-6	7.77696	2031.1736	186.147	113.57	255.88	2
4599	C8H8Cl2	1,2-dichloro-3,4-dimethylbenzene	68266-67-1	6.87939	1702.1794	191.846	97.67	268.51	1,2
4600	C8H8Cl2	1,3-dichloro-2,5-dimethylbenzene	38204-89-6	6.75606	1639.4316	194.348	90.47	264.33	2
4601	C8H8Cl2	1,4-dichloro-2,5-dimethylbenzene	1124-05-6	6.95203	1695.2459	194.348	71.00	255.30	1,2
4602	C8H8Cl2	1,5-dichloro-2,4-dimethylbenzene	2084-45-9	6.78576	1650.9113	194.070	68.50	264.02	2
4603	C8H8Cl2	2,3-dichloro-1,4-dimethylbenzene	34840-79-4	7.00377	1735.0542	192.124	96.87	261.85	2
4604	C8H8Cl2	(1,2-dichloroethyl)benzene	1074-11-9	7.11986	1779.7868	191.151	99.67	260.80	2
4605	C8H8Cl2	1,4-dichloro-2-ethylbenzene	54484-63-8	6.85538	1641.7380	196.711	44.47	250.20	1,2
4606	C8H8Cl2	1-(dichloromethyl)-4-methylbenzene	23063-36-7	6.49473	1537.5331	196.744	83.08	267.36	2
4607	C8H8Cl2	ethyldichlorobenzene	1331-29-9	6.49473	1537.5331	196.744	83.08	267.36	2
4608	C8H8Cl2	xylene chloride	28347-13-9	6.49473	1537.5331	196.744	83.08	267.36	2
4609	C8H8Cl2O2	2-(2,4-dichlorophenoxy)-ethanol	120-67-2	6.01970	1436.7427	160.370	125.85	345.91	3
4610	C8H8O	acetophenone	98-86-2	7.39878	1901.1925	218.697	78.42	232.15	1,2
4611	C8H8O	p-tolualdehyde	104-87-0	7.30249	1808.1820	204.386	82.51	234.42	1,2
4612	C8H8O	2-methylbenzaldehyde	529-20-4	7.44054	1824.9665	200.186	83.17	228.34	1,2
4613	C8H8O2	methyl benzoate	93-58-3	7.32070	1825.1625	211.583	77.18	229.40	1,2
4614	C8H8O2	o-toluic acid	118-90-1	7.58639	2036.9003	174.019	103.70	288.43	1,2
4615	C8H8O2	p-toluic acid	99-94-5	7.59841	2087.6667	167.977	148.41	304.71	1,2
4616	C8H8O2	phenyl acetate	122-79-2	7.99144	2244.7365	243.229	77.84	223.49	1,2
4617	C8H8O2	4-methoxybenzaldehyde	123-11-5	7.80864	2337.1675	226.279	116.99	278.86	1,2
4618	C8H8O3	vanillin	121-33-5	7.81755	2260.0592	172.954	158.55	314.58	1,2
4619	C8H8O3	methyl salicylate	119-36-8	7.74039	2132.8170	216.889	99.53	250.98	1,2
4620	C8H9Br	1-bromo-2,3-dimethylbenzene	576-23-8	7.01108	1695.9809	196.572	85.57	246.33	1,2
4621	C8H9Br	1-bromo-2,4-dimethylbenzene	583-70-0	6.72678	1588.8631	199.074	78.37	249.13	1,2
4622	C8H9Br	1-bromo-3,5-dimethylbenzene	556-96-7	6.99877	1661.1934	199.352	77.57	235.87	1,2
4623	C8H9Br	2-bromo-1,3-dimethylbenzene	576-22-7	6.91828	1637.3583	199.491	77.17	238.72	1,2
4624	C8H9Br	2-bromo-1,4-dimethylbenzene	553-94-6	6.97615	1639.3311	200.742	73.57	231.31	1,2
4625	C8H9Br	4-bromo-1,2-dimethylbenzene	583-71-1	7.01169	1697.7208	196.433	85.97	246.85	1,2
4626	C8H9Br	(1-bromoethyl)benzene, (±)	38661-81-3	6.91647	1632.2262	199.908	75.97	237.14	2
4627	C8H9Br	(1-bromoethyl)benzene, (R)	1459-14-9	6.99752	1657.7158	199.630	76.77	234.82	1,2
4628	C8H9Br	(2-bromoethyl)benzene	103-63-9	7.70660	1909.7203	195.182	89.57	226.88	1,2
4629	C8H9Br	1-bromo-2-ethylbenzene	1973-22-4	6.99285	1644.8505	200.659	73.81	230.95	1,2
4630	C8H9Br	1-bromo-3-ethylbenzene	2725-82-8	6.93200	1636.5094	199.908	75.97	236.48	1,2
4631	C8H9Br	1-bromo-4-ethylbenzene	1585-07-5	6.99877	1661.1934	199.352	77.57	235.87	1,2
4632	C8H9Br	1-(bromomethyl)-2-methylbenzene	89-92-9	6.98924	1699.1971	195.738	87.97	250.55	1,2
4633	C8H9Br	1-(bromomethyl)-3-methylbenzene	620-13-3	7.00926	1690.7615	196.989	84.37	244.76	1,2
4634	C8H9Br	1-(bromomethyl)-4-methylbenzene	104-81-4	7.05044	1726.0356	194.904	90.37	251.26	1,2
4635	C8H9Br	(1-bromoethyl)benzene	585-71-7	4.80126	834.3846	229.932	-50.45	285.31	2
4636	C8H9Cl	1-chloro-2,3-dimethylbenzene	608-23-1	7.00235	1618.0550	203.800	65.77	219.72	2
4637	C8H9Cl	1-chloro-2,4-dimethylbenzene	95-66-9	6.86674	1569.2488	204.912	62.57	220.95	2
4638	C8H9Cl	2-chloro-1,3-dimethylbenzene	6781-98-2	7.14714	1650.6692	204.356	64.17	211.92	1,2
4639	C8H9Cl	2-chloro-1,4-dimethylbenzene	95-72-7	7.02588	1621.2528	204.078	64.97	217.68	1,2
4640	C8H9Cl	4-chloro-1,2-dimethylbenzene	615-60-1	6.26675	1436.2558	202.132	70.57	263.44	1,2

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mmHg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
4641	C8H9Cl	(1-chloroethyl)benzene, (±)	38661-82-4	7.06570	1640.8326	203.300	67.21	219.17	2
4642	C8H9Cl	(2-chloroethyl)benzene	622-24-2	7.35456	1744.5132	201.159	73.37	216.92	2
4643	C8H9Cl	1-chloro-2-ethylbenzene	89-96-3	6.36800	1420.1527	206.469	58.09	239.26	1,2
4644	C8H9Cl	1-chloro-3-ethylbenzene	620-16-6	7.02185	1610.1108	204.968	62.41	214.33	1,2
4645	C8H9Cl	1-chloro-4-ethylbenzene	622-98-0	7.02261	1612.1997	204.801	62.89	214.96	1,2
4646	C8H9Cl	1-(chloromethyl)-2-methylbenzene	552-45-4	7.03940	1659.5690	201.020	73.77	229.19	1,2
4647	C8H9Cl	1-(chloromethyl)-3-methylbenzene	620-19-9	7.03637	1650.8587	201.715	71.77	226.58	1,2
4648	C8H9Cl	1-(chloromethyl)-4-methylbenzene	104-82-5	7.04301	1670.0230	200.186	76.17	232.33	1,2
4649	C8H9Cl	1-chloro-1-phenylethane	672-65-1	7.06570	1640.8326	203.300	67.21	219.17	2
4650	C8H9Cl	1-chloro-3,5-xylene	556-97-8	7.06570	1640.8326	203.300	67.21	219.17	2
4651	C8H9Cl	ethylchlorobenzene	1331-31-3	7.06570	1640.8326	203.300	67.21	219.17	2
4652	C8H9ClNO5PS	chlorothion	500-28-7	11.08660	4807.8000	273.150	203.50	335.07	3
4653	C8H9ClO	4-chlorobenzeneethanol	1875-88-3	10.30687	3028.0716	190.000	135.36	234.99	3
4654	C8H9ClO	1-chloro-2-ethoxybenzene	614-72-2	7.77851	2303.2573	252.510	44.85	248.56	3
4655	C8H9ClO	1-chloro-4-ethoxybenzene	622-61-7	7.32145	1988.3529	230.000	84.54	250.32	3
4656	C8H9ClO2	ethyleneglycol 4-chlorophenyl ether	7477-64-7	8.84110	2395.2390	157.130	136.85	266.11	3
4657	C8H9ClO4	ethyl 2-acetyl-4,4,4-trichloro-3-oxobutanoate	900001-90-3	5.82748	1942.2295	273.150	100.85	460.97	3
4658	C8H9F	3-fluoro-o-xylene	443-82-3	7.19259	1571.2714	214.364	39.37	177.40	1,2
4659	C8H9F	2-fluoro-m-xylene	443-88-9	7.23272	1573.3202	215.059	37.37	173.33	2
4660	C8H9F	4-fluoro-o-xylene	452-64-2	7.29477	1593.9123	214.642	38.57	172.90	2
4661	C8H9I	1-ethyl-4-iodobenzene	25309-64-2	6.30924	1473.4845	197.962	79.57	273.19	2
4662	C8H9I	1-iodo-2,3-dimethylbenzene	31599-60-7	6.93852	1710.1283	192.402	95.57	262.82	1,2
4663	C8H9I	1-iodo-2,4-dimethylbenzene	4214-28-2	6.91776	1710.3294	191.846	97.17	265.96	2
4664	C8H9I	1-iodo-3,5-dimethylbenzene	22445-41-6	6.90217	1704.2828	191.985	96.77	266.12	2
4665	C8H9I	2-iodo-1,3-dimethylbenzene	608-28-6	6.93915	1711.8619	192.263	95.97	263.35	1,2
4666	C8H9I	2-iodo-1,4-dimethylbenzene	1122-42-5	6.79556	1662.9110	192.958	93.97	267.21	2
4667	C8H9I	4-iodo-1,2-dimethylbenzene	31599-61-8	6.94169	1718.7970	191.707	97.57	265.44	1,2
4668	C8H9I	(2-iodoethyl)benzene	17376-04-4	6.78625	1659.2963	193.045	93.72	267.31	2
4669	C8H9NO	acetanilide	103-84-4	10.48266	3254.6757	179.279	163.94	266.52	3
4670	C8H9NO2	1,2-dimethyl-3-nitrobenzene	83-41-0	7.20455	1878.2050	189.344	113.37	277.56	1,2
4671	C8H9NO2	1,2-dimethyl-4-nitrobenzene	99-51-4	7.67562	2059.1384	186.286	122.17	271.93	2
4672	C8H9NO2	1,3-dimethyl-2-nitrobenzene	81-20-9	7.39498	1889.1188	193.236	102.17	255.15	1,2
4673	C8H9NO2	1,3-dimethyl-5-nitrobenzene	99-12-7	7.39801	2050.3218	179.892	140.57	306.41	1,2
4674	C8H9NO2	1,4-dimethyl-2-nitrobenzene	89-58-7	7.28469	1904.1055	189.205	113.77	274.89	2
4675	C8H9NO2	2,4-dimethyl-1-nitrobenzene	89-87-2	7.48764	1987.6068	187.398	118.97	274.21	1,2
4676	C8H9NO2	1-ethyl-2-nitrobenzene	612-22-6	7.01930	1798.5614	191.429	107.37	277.26	2
4677	C8H9NO2	1-ethyl-3-nitrobenzene	7369-50-8	7.37683	1938.6800	188.649	115.37	273.49	1,2
4678	C8H9NO2	1-ethyl-4-nitrobenzene	100-12-9	8.03299	2462.9112	232.483	117.71	275.21	1,2
4679	C8H9NO2	1-methyl-4-(nitromethyl)benzene	29559-27-1	7.47422	1979.3274	187.741	117.98	273.39	2
4680	C8H9NO2	(2-nitroethyl)benzene	6125-24-2	7.63607	2043.4733	186.564	121.37	272.21	2
4681	C8H9NO3	3,6-dimethyl-2-nitrophenol	71608-10-1	5.06283	1036.2249	189.166	65.88	361.73	3
4682	C8H9NO3	2,6-dimethyl-4-nitrophenol	2423-71-4	4.60910	820.7524	189.166	38.25	385.89	3
4683	C8H10	ethylbenzene	100-41-4	7.15610	1559.5452	228.582	24.75	163.83	1,2
4684	C8H10	o-xylene	95-47-6	7.14914	1566.5881	222.596	32.17	172.28	1,2
4685	C8H10	m-xylene	108-38-3	7.18115	1573.0243	226.671	27.82	166.65	1,2
4686	C8H10	p-xylene	106-42-3	7.15471	1553.9461	225.230	13.26	165.91	1,2
4687	C8H10	xylenes	1330-20-7	7.21217	1546.9190	217.144	31.87	166.68	1,2
4688	C8H10	1,3,5-cyclooctatriene	1871-52-9	7.07698	1515.5090	215.615	33.77	173.46	1,2
4689	C8H10	1,3,6-cyclooctatriene	3725-30-2	7.02433	1493.6926	216.383	31.56	172.35	3
4690	C8H10	2,5-dimethyl-1,5-hexadien-3-yne	3725-05-1	6.44845	1305.6684	221.870	17.77	177.83	2
4691	C8H10	2,6-octadiyne	764-73-8	7.63878	1738.9830	216.383	45.56	173.79	2
4692	C8H10	3,5-octadiyne	16387-70-5	7.92655	1889.4341	210.611	62.17	187.61	1,2
4693	C8H10	1,7-octadiyne	871-84-1	7.96096	1797.0794	218.395	27.00	157.63	1,2
4694	C8H10Cl2OSi	dichloroethoxyphenylsilane	18236-80-1	7.35627	1927.3800	208.400	94.83	253.31	3
4695	C8H10Cl2Si	ethylphenyldichlorosilane	1125-27-5	7.31853	2032.2100	230.440	91.19	260.82	3
4696	C8H10F3NO3	N-trifluoroacetyl-L-proline methyl ester	715-58-2	8.55010	3026.0000	273.150	127.64	290.53	3
4697	C8H10F3NO5	N-trifluoroacetyl-L-2-aminosuccinamic acid, dimethylester	81084-01-7	8.38010	3040.0000	273.150	138.77	311.66	3
4698	C8H10N2O2	N,N-dimethyl-2-nitroaniline	610-17-3	5.92916	1526.0018	186.217	123.37	369.24	3
4699	C8H10N2O2	N,N-dimethyl-3-nitroaniline	619-31-8	7.44897	2101.7163	177.529	148.37	315.01	1,2
4700	C8H10N2O2	2,3-dimethyl-6-nitroaniline	59146-96-2	5.92916	1526.0018	186.217	123.37	369.24	3
4701	C8H10N2O2	4,5-dimethyl-2-nitroaniline	6972-71-0	5.78090	1451.7834	186.217	117.45	372.36	3
4702	C8H10N2O2	N-ethyl-2-nitroaniline	10112-15-9	5.92916	1526.0018	186.217	123.37	369.24	3
4703	C8H10N2O2	N,N-dimethyl-p-nitroaniline	100-23-2	5.52256	1322.4573	186.217	106.20	378.76	3
4704	C8H10O	phenetole	103-73-1	7.29270	1703.8026	215.935	54.82	198.53	1,2
4705	C8H10O	2-phenylethanol	60-12-8	8.28598	2472.0553	239.100	100.19	245.22	1,2
4706	C8H10O	o-ethylphenol	90-00-6	7.55905	1890.2760	199.208	88.99	232.64	1,2
4707	C8H10O	m-ethylphenol	620-17-7	7.68180	1974.1351	195.344	100.11	243.36	1,2
4708	C8H10O	p-ethylphenol	123-07-9	7.62309	1955.3015	195.463	99.76	244.80	1,2
4709	C8H10O	2,3-xyleneol	526-75-0	7.57976	1938.8359	195.761	72.56	245.09	1,2
4710	C8H10O	2,4-xyleneol	105-67-9	7.58004	1918.5153	197.412	94.15	238.79	1,2
4711	C8H10O	2,5-xyleneol	95-87-4	7.58818	1921.5755	197.356	74.84	238.74	1,2
4712	C8H10O	2,6-xyleneol	576-26-1	7.58010	1884.4949	200.167	86.23	228.30	1,2
4713	C8H10O	3,4-xyleneol	95-65-8	7.58643	1975.4566	192.958	106.97	255.54	1,2
4714	C8H10O	3,5-xyleneol	108-68-9	7.61411	1965.5971	194.421	102.76	249.05	1,2
4715	C8H10O	dimethyl phenol	1300-71-6	5.55823	1143.6965	217.561	33.35	263.71	2
4716	C8H10O2	1,3-dimethoxybenzene	151-10-0	5.58999	832.9944	89.972	91.51	255.94	1,2
4717	C8H10O2	2-phenoxyethanol	122-99-6	7.63274	2074.8870	191.642	121.18	274.53	1,2
4718	C8H10O2S	benzyl methyl sulfone	3112-90-1	8.46010	3392.0000	273.150	181.54	369.49	3
4719	C8H10S	o-ethylthiophenol	4500-58-7	7.10148	1736.2018	197.684	86.87	245.27	2
4720	C8H10S	m-ethylthiophenol	62154-77-2	7.13607	1749.2473	197.406	87.67	244.97	2

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mmHg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
4721	C8H10S	p-ethylthiophenol	4946-13-8	7.13607	1749.2473	197.406	87.67	244.97	2
4722	C8H10S	2,3-dimethylthiophenol	18800-51-6	7.30110	1810.5769	195.933	91.41	243.61	2
4723	C8H10S	2,4-dimethylthiophenol	13616-82-5	7.03359	1710.5858	198.240	85.27	245.87	2
4724	C8H10S	2,5-dimethylthiophenol	4001-61-0	6.93488	1673.3055	199.074	82.87	246.78	2
4725	C8H10S	2,6-dimethylthiophenol	118-72-9	7.30110	1810.5769	195.933	91.41	243.61	2
4726	C8H10S	3,4-dimethylthiophenol	18800-53-8	7.30110	1810.5769	195.933	91.41	243.61	2
4727	C8H10S	3,5-dimethylthiophenol	38360-81-5	7.30110	1810.5769	195.933	91.41	243.61	2
4728	C8H10S	(1-thiapropryl)-benzene	622-38-8	7.14550	1727.6263	200.050	81.07	235.82	1,2
4729	C8H10S	2-methyl-(1-thiaethyl)-benzene	---	7.37044	1802.2839	197.759	85.15	232.52	2
4730	C8H10S	3-methyl-(1-thiaethyl)-benzene	4886-77-5	7.37044	1802.2839	197.759	85.15	232.52	2
4731	C8H10S	4-methyl-(1-thiaethyl)-benzene	623-13-2	7.63290	1907.6925	197.770	89.84	230.82	2
4732	C8H10S	[(methylthio)methyl]benzene	766-92-7	7.76041	1923.7023	197.684	86.87	222.47	1,2
4733	C8H10S	alpha-methylbenzenemethanethiol, (S)	33877-11-1	6.74794	1602.5952	200.742	78.07	248.66	2
4734	C8H10S	2-phenylethanethiol	4410-99-5	7.37206	1838.1442	195.599	92.87	243.08	2
4735	C8H11ClSi	chlorodimethylphenylsilane	768-33-2	7.12233	1703.6900	206.670	71.60	225.69	3
4736	C8H11FSi	fluorodimethylphenylsilane	454-57-9	6.87138	1402.7900	189.140	29.85	191.07	3
4737	C8H11F3O2	trifluoroacetic acid, cyclohexyl ester	1549-45-7	7.73450	1905.8000	244.800	38.19	173.81	3
4738	C8H11N	N,N-dimethylaniline	121-69-7	7.43120	1915.1051	228.017	69.77	222.66	1,2
4739	C8H11N	o-ethylaniline	578-54-1	7.30197	1801.0602	197.823	87.97	239.31	1,2
4740	C8H11N	N,2-dimethylaniline	611-21-2	7.30036	1794.0224	198.379	86.37	237.22	1,2
4741	C8H11N	N,3-dimethylaniline	696-44-6	7.29955	1790.5037	198.657	85.57	236.17	1,2
4742	C8H11N	N,4-dimethylaniline	623-08-5	7.30237	1802.8196	197.684	88.37	239.84	1,2
4743	C8H11N	2,3-dimethylaniline	87-59-2	7.31141	1843.2934	194.487	97.57	251.88	1,2
4744	C8H11N	2,4-dimethylaniline	95-68-1	7.16562	1776.5751	196.572	91.57	249.38	1,2
4745	C8H11N	2,5-dimethylaniline	95-78-3	7.16562	1776.5751	196.572	91.57	249.38	1,2
4746	C8H11N	2,6-dimethylaniline	87-62-7	7.31357	1822.5016	196.294	92.37	244.81	1,2
4747	C8H11N	3,4-dimethylaniline	95-64-7	7.38833	1887.4348	192.680	102.77	256.02	1,2
4748	C8H11N	3,5-dimethylaniline	108-69-0	7.42631	1873.4970	194.765	96.77	246.63	1,2
4749	C8H11N	m-ethylaniline	587-02-0	7.37900	1838.0608	196.572	91.57	241.36	1,2
4750	C8H11N	p-ethylaniline	589-16-2	7.37026	1847.1804	195.599	94.37	245.42	1,2
4751	C8H11N	N-ethylaniline	103-69-5	7.19624	1749.8192	199.630	82.77	236.26	1,2
4752	C8H11N	2,4,6-trimethylpyridine	108-75-8	7.25896	1661.5113	208.651	56.81	198.87	1,2
4753	C8H11N	2-ethyl-4-methylpyridine	2150-18-7	7.02332	1609.8060	207.692	59.57	211.37	2
4754	C8H11N	2-ethyl-6-methylpyridine	1122-69-6	6.58446	1453.1612	211.445	48.77	215.63	2
4755	C8H11N	3-ethyl-4-methylpyridine	529-21-5	8.03266	1967.6705	201.020	78.77	204.62	2
4756	C8H11N	4-ethyl-2-methylpyridine	536-88-9	7.24034	1684.0945	206.302	63.57	208.65	1,2
4757	C8H11N	2-isopropylpyridine	644-98-4	7.25854	1626.2806	211.640	48.21	187.28	1,2
4758	C8H11N	3-isopropylpyridine	6304-18-3	7.15015	1654.9398	206.719	62.37	210.32	2
4759	C8H11N	4-isopropylpyridine	696-30-0	7.47455	1743.9231	206.580	62.77	199.67	1,2
4760	C8H11N	4-propylpyridine	1122-81-2	7.28148	1714.8721	204.634	68.37	213.66	1,2
4761	C8H11N	2-propylpyridine	622-39-9	7.15199	1621.7154	209.638	53.97	198.84	1,2
4762	C8H11N	2,3,4-trimethylpyridine	2233-29-6	7.76922	1874.5285	202.549	74.37	206.08	2
4763	C8H11N	2,3,5-trimethylpyridine	695-98-7	7.40232	1744.5192	204.912	67.57	208.43	2
4764	C8H11N	2,3,6-trimethylpyridine	1462-84-6	6.93968	1580.0109	208.360	57.65	212.10	2
4765	C8H11N	2,4,5-trimethylpyridine	1122-39-0	7.46181	1774.2207	203.800	70.77	210.74	1,2
4766	C8H11N	benzeneethanamine	64-04-0	7.21394	1727.6564	201.159	76.87	227.32	1,2
4767	C8H11N	2-methylbenzenemethanamine	89-93-0	7.48531	1831.8807	198.796	83.67	226.88	1,2
4768	C8H11N	3-methylbenzenemethanamine	100-81-2	7.21961	1748.7125	199.491	81.67	233.60	1,2
4769	C8H11N	4-methylbenzenemethanamine	104-84-7	7.21154	1718.8843	201.854	74.87	224.70	1,2
4770	C8H11N	N-methylbenzenemethanamine	103-67-3	6.98716	1611.4771	205.885	63.27	217.59	1,2
4771	C8H11N	alpha-methylbenzylamine, (±)	618-36-0	7.27790	1711.0315	204.078	32.00	213.65	1,2
4772	C8H11N	5-ethyl-2-picoline	104-90-5	7.27558	1691.3118	206.497	63.01	206.65	1,2
4773	C8H11N	(S)-(-)-a-methylbenzylamine	2627-86-3	7.24144	1704.3513	203.800	69.27	216.03	1,2
4774	C8H11N	(R)-(+)-a-methylbenzylamine	3886-69-9	7.07750	1645.4661	205.037	59.05	217.35	1,2
4775	C8H11N	1-phenylethylamine	98-84-0	7.17037	1675.2831	204.634	66.87	215.39	2
4776	C8H11NO	p-phenetidine	156-43-4	7.62133	2127.3914	196.735	124.56	282.46	3
4777	C8H11NO	2-ethoxyaniline	94-70-2	8.39797	2697.3698	256.356	108.25	260.77	1,2
4778	C8H12	1,5-cyclooctadiene	111-78-4	7.16286	1599.8466	224.067	35.53	177.80	1,2
4779	C8H12	1,4-cyclooctadiene	1073-07-0	6.87105	1450.8793	215.754	31.37	177.52	3
4780	C8H12	cis,cis-1,5-cyclooctadiene	1552-12-1	7.09529	1525.3851	214.086	36.17	175.69	3
4781	C8H12	vinylcyclohexene	100-40-3	6.80506	1438.9827	228.837	19.05	168.32	3
4782	C8H12	1,3-dimethyl-1,3-cyclohexadiene	4573-05-1	7.04830	1484.6485	218.395	27.07	165.59	1,2
4783	C8H12	1,4-dimethyl-1,3-cyclohexadiene	26120-52-5	7.13786	1509.8366	218.117	27.87	163.54	1,2
4784	C8H12	1,5-dimethyl-1,3-cyclohexadiene	1453-17-4	6.98318	1448.3622	220.202	21.87	160.81	2
4785	C8H12	1,6-dimethyl-1,3-cyclohexadiene	---	6.91391	1423.9051	220.202	20.57	161.33	2
4786	C8H12	2,5-dimethyl-1,3-cyclohexadiene	2050-33-1	6.90744	1423.8596	220.758	20.27	161.42	2
4787	C8H12	2,6-dimethyl-1,3-cyclohexadiene	2050-32-0	7.06114	1473.5616	219.646	23.47	160.21	2
4788	C8H12	2,5-dimethyl-1,3,5-hexatriene	4916-63-6	8.55893	1932.4129	215.476	40.17	143.90	1,2
4789	C8H12	trans-1,2-divinylcyclobutane	6553-48-6	5.85844	1223.8119	273.150	-21.26	184.08	3
4790	C8H12	trans,trans,trans-2,4,6-octatriene	15192-80-0	8.24844	1867.4644	215.059	42.58	153.52	2
4791	C8H12	1-octen-3-yne	17679-92-4	7.54909	1646.3258	218.812	32.57	158.16	1,2
4792	C8H12	1,3-cyclooctadiene	1700-10-3	6.80036	1427.3532	216.310	29.77	178.15	3
4793	C8H12	cis,cis-1,3-cyclooctadiene	3806-59-5	4.86436	771.4132	241.052	-51.90	217.43	3
4794	C8H12	(Z,E)-1,3-cyclooctadiene	3806-60-8	6.57466	1355.0246	218.979	24.09	180.40	3
4795	C8H12	tricyclo[3.3.0.0(2,6)]octane	250-21-5	6.89981	1525.7532	241.782	-0.15	168.59	3
4796	C8H12Cl2O5	diethyleneglycol bis(chloroethanoate)	900000-77-3	7.90356	3114.3235	253.790	147.85	405.79	3
4797	C8H12O	2-octynal	1846-68-0	7.83814	1921.8470	204.078	76.97	208.66	1,2
4798	C8H12O	3-octynal	---	6.55116	1560.1439	204.078	76.97	258.97	2
4799	C8H12O	4-octynal	---	6.55116	1560.1439	204.078	76.97	258.97	2
4800	C8H12O	5-octynal	---	6.55116	1560.1439	204.078	76.97	258.97	2

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mmHg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
4801	C8H12O	6-octynal	---	6.55116	1560.1439	204.078	76.97	258.97	2
4802	C8H12O	7-octynal	---	6.55116	1560.1439	204.078	76.97	258.97	2
4803	C8H12O	2-methyl-6-heptynal	---	6.29342	1460.0762	206.858	68.97	262.38	2
4804	C8H12O	3-methyl-6-heptynal	---	6.29342	1460.0762	206.858	68.97	262.38	2
4805	C8H12O	4-methyl-6-heptynal	---	6.29342	1460.0762	206.858	68.97	262.38	2
4806	C8H12O	5-methyl-6-heptynal	---	6.29342	1460.0762	206.858	68.97	262.38	2
4807	C8H12O	4-methyl-2-heptynal	---	6.29342	1460.0762	206.858	68.97	262.38	2
4808	C8H12O	5-methyl-2-heptynal	---	6.29342	1460.0762	206.858	68.97	262.38	2
4809	C8H12O	6-methyl-2-heptynal	---	6.29342	1460.0762	206.858	68.97	262.38	2
4810	C8H12O	2-tert-butylfuran	7040-43-9	7.37097	1537.4006	222.843	18.47	144.15	1,2
4811	C8H12O2	2-octynoic acid	5663-96-7	7.69668	2124.3388	184.813	132	286	1,2
4812	C8H12O2	3-octynoic acid	57074-96-1	7.70156	2246.0104	175.267	160	322	3
4813	C8H12O2	4-octynoic acid	---	7.70156	2246.0104	175.267	160	322	3
4814	C8H12O2	5-octynoic acid	76469-08-4	7.70156	2246.0104	175.267	160	322	3
4815	C8H12O2	6-octynoic acid	---	7.70156	2246.0104	175.267	160	322	3
4816	C8H12O2	7-octynoic acid	10297-09-3	7.70156	2246.0104	175.267	160	322	3
4817	C8H12O2	4-methyl-2-heptynoic acid	---	7.70156	2246.0104	175.267	160	322	3
4818	C8H12O2	5-methyl-2-heptynoic acid	---	7.70156	2246.0104	175.267	160	322	3
4819	C8H12O2	6-methyl-2-heptynoic acid	---	7.70156	2246.0104	175.267	160	322	3
4820	C8H12O2	2-methyl-3-heptynoic acid	---	7.70156	2246.0104	175.267	160	322	3
4821	C8H12O2	5-methyl-3-heptynoic acid	---	7.70156	2246.0104	175.267	160	322	3
4822	C8H12O2	6-methyl-3-heptynoic acid	---	7.70156	2246.0104	175.267	160	322	3
4823	C8H12O2	2-methyl-4-heptynoic acid	---	7.70156	2246.0104	175.267	160	322	3
4824	C8H12O2	3-methyl-4-heptynoic acid	---	7.70156	2246.0104	175.267	160	322	3
4825	C8H12O2	6-methyl-4-heptynoic acid	---	7.70156	2246.0104	175.267	160	322	3
4826	C8H12O2	4-ethyl-2-hexynoic acid	---	7.70156	2246.0104	175.267	160	322	3
4827	C8H12O2	5-ethyl-2-hexynoic acid	---	7.70156	2246.0104	175.267	160	322	3
4828	C8H12O4	diethyl maleate	141-05-9	7.84429	2272.6651	232.878	99.17	254.56	1,2
4829	C8H12O4S	thiodiacetic acid, diethyl ester	925-47-3	5.62980	936.9290	65.343	111.85	317.40	3
4830	C8H12S	2-butylthiophene	1455-20-5	7.49266	1786.6335	205.607	69.57	208.85	2
4831	C8H12S	3-butylthiophene	34722-01-5	7.51355	1794.0812	205.468	69.97	208.71	2
4832	C8H12S	2-isobutylthiophene	---	7.08237	1633.5254	206.997	61.57	211.80	2
4833	C8H12S	3-isobutylthiophene	---	7.10049	1639.9847	206.858	61.97	211.65	2
4834	C8H12S	2-sec-butylthiophene	---	6.90756	1571.1591	208.387	57.57	213.32	2
4835	C8H12S	3-sec-butylthiophene	---	6.92453	1577.2194	208.248	57.97	213.16	2
4836	C8H12S	2-tert-butylthiophene	1689-78-7	7.49768	1728.6577	210.472	55.57	190.07	1,2
4837	C8H12S	3-tert-butylthiophene	1689-79-8	7.50035	1746.3340	209.082	59.57	195.30	1,2
4838	C8H12S	2-methyl-3-propylthiophene	---	7.30813	1713.9146	205.329	66.37	210.04	2
4839	C8H12S	2-methyl-4-propyl thiophene	---	7.34760	1727.9508	205.051	67.17	209.75	2
4840	C8H12S	2-methyl-5-propyl thiophene	---	7.38762	1742.1794	204.773	67.97	209.46	2
4841	C8H12S	3-methyl-2-propylthiophene	---	7.32779	1720.9089	205.190	66.77	209.89	2
4842	C8H12S	3-methyl-4-propyl thiophene	---	7.36754	1735.0408	204.912	67.57	209.60	2
4843	C8H12S	3-methyl-5-propylthiophene	---	7.40784	1749.3672	204.634	68.37	209.32	2
4844	C8H12S	3-ethyl-2,5-dimethylthiophene	55735-23-4	7.32779	1720.9089	205.190	66.77	209.89	2
4845	C8H13Cl	1-chloro-1-octyne	64531-26-6	6.28698	1444.3177	207.734	65.45	257.40	2
4846	C8H13Cl	1-chloro-2-octyne	51575-83-8	6.28698	1444.3177	207.734	65.45	257.40	2
4847	C8H13N	1-butyl-1H-pyrrole	589-33-3	7.20211	1660.8275	208.665	59.12	204.45	2
4848	C8H13N	3-ethyl-2,4-dimethyl-1H-pyrrole	517-22-6	7.49695	1837.4169	200.742	63.75	225.07	1,2
4849	C8H13N	4-ethyl-2,3-dimethyl-1H-pyrrole	491-18-9	8.62327	2159.9330	200.464	82.87	196.48	2
4850	C8H13N	2,3,4,5-tetramethyl-1H-pyrrole	1003-90-3	8.47548	2118.1720	202.936	80.41	197.20	2
4851	C8H13N	2,5-diethyl-1H-pyrrole	766-95-0	7.42168	1772.7212	204.342	63.75	213.77	1,2
4852	C8H14	1-propylcyclopentene	3074-61-1	6.95523	1410.2444	214.072	22.74	159.66	1,2
4853	C8H14	1,2,3-trimethylcyclopentene	473-91-6	7.20704	1489.1270	222.260	17.65	147.69	1,2
4854	C8H14	1,5,5-trimethylcyclopentene	62184-83-2	7.30119	1470.2702	225.762	7.57	131.16	1,2
4855	C8H14	1-ethylcyclohexene	1453-24-3	6.95754	1408.8743	209.740	26.75	163.40	1,2
4856	C8H14	3-ethylcyclohexene	2808-71-1	6.93176	1400.9954	213.994	22.19	159.61	1,2
4857	C8H14	4-ethylcyclohexene	3742-42-5	7.19349	1467.5279	213.730	23.22	152.09	2
4858	C8H14	1,2-dimethylcyclohexene	1674-10-8	6.95287	1419.2495	212.784	25.63	163.57	1,2
4859	C8H14	1,3-dimethylcyclohexene	2808-76-6	6.87727	1366.3931	214.851	17.64	154.90	1,2
4860	C8H14	1,4-dimethylcyclohexene	2808-79-9	7.00626	1400.7133	214.680	18.53	151.58	1,2
4861	C8H14	1,5-dimethylcyclohexene	2808-77-7	6.84444	1361.6260	214.680	18.30	157.08	1,2
4862	C8H14	1,6-dimethylcyclohexene	1759-64-4	7.11351	1434.6360	214.091	20.58	150.80	1,2
4863	C8H14	3,3-dimethylcyclohexene	695-28-3	6.62700	1284.7260	216.390	11.92	156.52	2
4864	C8H14	3,cis-4-dimethylcyclohexene	---	6.90211	1401.5012	221.968	15.49	154.75	2
4865	C8H14	3,trans-4-dimethylcyclohexene	---	6.90211	1401.5012	221.968	15.49	154.75	2
4866	C8H14	3,cis-5-dimethylcyclohexene	---	7.03913	1447.1162	221.453	18.17	153.71	2
4867	C8H14	3,trans-5-dimethylcyclohexene	56021-63-7	6.90211	1401.5012	221.968	15.49	154.75	2
4868	C8H14	3,cis-6-dimethylcyclohexene	---	7.05908	1453.4781	221.314	18.57	153.56	2
4869	C8H14	3,trans-6-dimethylcyclohexene	3685-00-5	6.90211	1401.5012	221.968	15.49	154.75	2
4870	C8H14	4,4-dimethylcyclohexene	14072-86-7	6.76047	1309.6743	216.724	10.63	149.25	1,2
4871	C8H14	4,cis-5-dimethylcyclohexene	---	6.92157	1378.9827	214.716	18.16	154.02	2
4872	C8H14	4,trans-5-dimethylcyclohexene	---	6.90211	1401.5012	221.968	15.49	154.75	2
4873	C8H14	1-octyne	629-05-0	6.93272	1357.8347	208.910	19.96	153.09	1,2
4874	C8H14	2-octyne	2809-67-8	6.91724	1383.3629	204.990	28.80	165.35	1,2
4875	C8H14	3-octyne	15232-76-5	6.92735	1376.7474	207.088	25.18	160.48	1,2
4876	C8H14	4-octyne	1942-45-6	6.99003	1403.7110	210.001	24.34	158.60	1,2
4877	C8H14	3-methyl-1-heptyne	---	7.41391	1578.3601	221.634	24.45	151.32	2
4878	C8H14	4-methyl-1-heptyne	---	7.41391	1578.3601	221.634	24.45	151.32	2
4879	C8H14	5-methyl-1-heptyne	---	7.41391	1578.3601	221.634	24.45	151.32	2
4880	C8H14	6-methyl-1-heptyne	---	7.41391	1578.3601	221.634	24.45	151.32	2

Table 1 Vapor Pressure – Organic Compounds

log ₁₀ P = A - B/(T + C) (P - mmHg, T - C)									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
4881	C8H14	4-methyl-2-heptyne	---	7.41391	1578.3601	221.634	24.45	151.32	2
4882	C8H14	5-methyl-2-heptyne	---	7.41391	1578.3601	221.634	24.45	151.32	2
4883	C8H14	6-methyl-2-heptyne	---	7.41391	1578.3601	221.634	24.45	151.32	2
4884	C8H14	5-methyl-3-heptyne	---	7.41391	1578.3601	221.634	24.45	151.32	2
4885	C8H14	6-methyl-3-heptyne	---	7.41391	1578.3601	221.634	24.45	151.32	2
4886	C8H14	2-methyl-3-heptyne	---	7.41391	1578.3601	221.634	24.45	151.32	2
4887	C8H14	3,3-dimethyl-1-hexyne	---	7.11440	1482.3135	223.580	18.85	153.35	2
4888	C8H14	3,4-dimethyl-1-hexyne	---	7.11440	1482.3135	223.580	18.85	153.35	2
4889	C8H14	3,5-dimethyl-1-hexyne	---	7.11440	1482.3135	223.580	18.85	153.35	2
4890	C8H14	4,4-dimethyl-2-hexyne	---	7.11440	1482.3135	223.580	18.85	153.35	2
4891	C8H14	4,5-dimethyl-2-hexyne	---	7.11440	1482.3135	223.580	18.85	153.35	2
4892	C8H14	2,2-dimethyl-3-hexyne	4911-60-8	7.11440	1482.3135	223.580	18.85	153.35	2
4893	C8H14	3-ethyl-1-hexyne	---	7.41391	1578.3601	221.634	24.45	151.32	2
4894	C8H14	4-ethyl-1-hexyne	---	7.41391	1578.3601	221.634	24.45	151.32	2
4895	C8H14	5-ethyl-1-hexyne	---	7.41391	1578.3601	221.634	24.45	151.32	2
4896	C8H14	1,7-octadiene	3710-30-3	7.61742	1609.5240	223.955	19.27	138.91	1,2
4897	C8H14	2,6-octadiene	4974-27-0	7.53997	1621.4101	221.453	26.47	150.59	2
4898	C8H14	3-methyl-1,5-heptadiene	4894-62-6	7.65572	1603.2060	225.206	15.67	133.14	1,2
4899	C8H14	2,5-dimethyl-1,5-hexadiene	627-58-7	7.63228	1608.9838	224.289	18.31	137.25	1,2
4900	C8H14	2,5-dimethyl-2,4-hexadiene	764-13-6	7.70872	1700.9278	218.462	13.65	157.28	1,2
4901	C8H14	cis-octahydopentalene	1755-05-1	7.18920	1607.5755	231.575	24.85	169.58	3
4902	C8H14	trans-octahydopentalene	5597-89-7	7.27202	1706.4554	247.055	24.85	170.15	3
4903	C8H14	cyclooctene	931-88-4	7.90477	2007.3903	258.012	-0.15	167.02	3
4904	C8H14	bicyclo[2.2.2]octane	280-33-1	8.98785	2532.5996	273.150	43.91	163.05	3
4905	C8H14	1-methylbicyclo[4.1.0]-heptane	2439-79-4	6.00226	1112.9068	214.983	7.50	179.61	3
4906	C8H14	cis-bicyclo[5.1.0]octane	16526-90-2	7.92961	2093.7479	273.150	23.85	167.85	3
4907	C8H14	3,3-dimethyl-1,5-hexadiene	24253-25-6	6.07217	1323.4634	273.150	-12.22	184.74	3
4908	C8H14	cis-bicyclo[4.2.0]octane	28282-35-1	7.12172	1589.5306	233.257	24.85	170.19	3
4909	C8H14	3-propylcyclopentene	34067-75-9	6.92008	1377.0690	214.974	17.64	153.40	1,2
4910	C8H14Br2	1,2-dibromocyclooctane	29974-69-4	17.71384	1.2967E+04	664.746	111.09	227.58	3
4911	C8H14ClN5	atrazine	1912-24-9	8.45881	3473.4940	273.150	192.54	385.09	3
4912	C8H14Cl2S	(2-chloroethyl)(2-chlorocyclohexyl) sulfide	16660-53-0	8.74600	3265.5000	273.150	148.42	313.73	3
4913	C8H14O	2,2-dimethylcyclohexanone	1193-47-1	7.05821	1598.2673	208.248	55.57	204.06	2
4914	C8H14O	cis-2,3-dimethylcyclohexanone	1551-88-8	7.30565	1684.9410	206.441	60.77	202.15	2
4915	C8H14O	trans-2,3-dimethylcyclohexanone	1551-89-9	7.01247	1582.8659	208.757	54.51	204.46	2
4916	C8H14O	cis-2,4-dimethylcyclohexanone	116783-29-0	7.24656	1664.2602	206.858	59.57	202.58	2
4917	C8H14O	trans-2,4-dimethylcyclohexanone, (2S)	93921-42-7	7.32563	1691.9297	206.302	61.17	202.00	2
4918	C8H14O	trans-2,5-dimethylcyclohexanone, (±)	66395-23-1	7.05821	1598.2673	208.248	55.57	204.06	2
4919	C8H14O	2,6-dimethylcyclohexanone	2816-57-1	7.14404	1630.5314	207.414	57.97	204.11	1,2
4920	C8H14O	3,3-dimethylcyclohexanone	2979-19-3	7.36600	1706.0526	206.024	61.97	201.72	2
4921	C8H14O	3,4-dimethylcyclohexanone	5465-09-8	7.16418	1674.4887	204.078	67.57	216.40	1,2
4922	C8H14O	3,5-dimethylcyclohexanone	2320-30-1	7.25173	1683.5865	205.329	63.97	208.34	1,2
4923	C8H14O	4,4-dimethylcyclohexanone	4255-62-3	7.01247	1582.8659	208.757	54.51	204.46	2
4924	C8H14O	3,4-dimethyl-3-hexen-2-one	1635-02-5	6.32236	1380.7921	211.862	47.57	227.81	2
4925	C8H14O	3,4-dimethyl-4-hexen-2-one	53252-21-4	6.19426	1334.0007	213.252	43.57	229.58	2
4926	C8H14O	3-methyl-5-hepten-2-one	38552-72-6	6.63646	1495.1498	208.757	56.51	224.04	2
4927	C8H14O	5-methyl-5-hepten-2-one	10339-67-0	6.63646	1495.1498	208.757	56.51	224.04	2
4928	C8H14O	6-methyl-3-hepten-2-one	2009-74-7	7.27811	1694.2870	206.302	63.57	207.32	1,2
4929	C8H14O	6-methyl-4-hepten-2-one	39273-81-9	6.43017	1420.0992	210.750	50.77	226.43	2
4930	C8H14O	6-methyl-5-hepten-2-one	110-93-0	6.43017	1420.0992	210.750	50.77	226.43	2
4931	C8H14O	2-methyl-5-hepten-3-one	77958-21-5	6.38916	1405.1555	211.167	49.57	226.94	2
4932	C8H14O	5-methyl-1-hepten-3-one	44829-76-7	6.63646	1495.1498	208.757	56.51	224.04	2
4933	C8H14O	5-methyl-4-hepten-3-one	1447-26-3	7.26484	1649.8284	209.777	53.57	194.30	1,2
4934	C8H14O	5-methyl-5-hepten-3-one	1190-34-7	6.63646	1495.1498	208.757	56.51	224.04	2
4935	C8H14O	5-methyl-2-hepten-4-one	81925-81-7	6.66144	1504.2248	208.526	57.17	223.77	2
4936	C8H14O	6-methyl-2-hepten-4-one	49852-35-9	6.63132	1493.2806	208.804	56.37	224.10	2
4937	C8H14O	4-ethylcyclohexanone	5441-51-0	7.16330	1693.5536	202.410	72.37	222.95	1,2
4938	C8H14O	4-methyl-1,6-heptadien-4-ol	25201-40-5	6.81252	1558.4474	212.029	56.09	217.22	2
4939	C8H14O	2-octyn-1-ol	20739-58-6	7.99637	2064.6641	199.255	96	230	3
4940	C8H14O	3-octyn-1-ol	14916-80-4	7.99637	2064.6641	199.255	96	230	3
4941	C8H14O	4-octyn-1-ol	---	7.99637	2064.6641	199.255	96	230	3
4942	C8H14O	5-octyn-1-ol	---	7.99637	2064.6641	199.255	96	230	3
4943	C8H14O	6-octyn-1-ol	---	7.99637	2064.6641	199.255	96	230	3
4944	C8H14O	7-octyn-1-ol	---	7.99637	2064.6641	199.255	96	230	3
4945	C8H14O	3-octyn-2-ol	---	7.99637	2064.6641	199.255	96	230	3
4946	C8H14O	4-octyn-2-ol	---	7.99637	2064.6641	199.255	96	230	3
4947	C8H14O	5-octyn-2-ol	---	7.99637	2064.6641	199.255	96	230	3
4948	C8H14O	6-octyn-2-ol	---	7.99637	2064.6641	199.255	96	230	3
4949	C8H14O	7-octyn-2-ol	---	7.99637	2064.6641	199.255	96	230	3
4950	C8H14O	1-octyn-3-ol	818-72-4	7.99637	2064.6641	199.255	96	230	3
4951	C8H14O	(R)-(+)-1-octyn-3-ol	32556-70-0	7.99637	2064.6641	199.255	96	230	3
4952	C8H14O	(S)-(-)-1-octyn-3-ol	32556-71-1	7.99637	2064.6641	199.255	96	230	3
4953	C8H14O	4-octyn-3-ol	---	7.99637	2064.6641	199.255	96	230	3
4954	C8H14O	5-octyn-3-ol	---	7.99637	2064.6641	199.255	96	230	3
4955	C8H14O	6-octyn-3-ol	---	7.99637	2064.6641	199.255	96	230	3
4956	C8H14O	7-octyn-3-ol	---	7.99637	2064.6641	199.255	96	230	3
4957	C8H14O	1-octyn-4-ol	---	7.99637	2064.6641	199.255	96	230	3
4958	C8H14O	2-octyn-4-ol	---	7.99637	2064.6641	199.255	96	230	3
4959	C8H14O	5-octyn-4-ol	---	7.99637	2064.6641	199.255	96	230	3
4960	C8H14O	6-octyn-4-ol	---	7.99637	2064.6641	199.255	96	230	3

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mmHg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
4961	C8H14O	7-octyn-4-ol	---	7.99637	2064.6641	199.255	96	230	3
4962	C8H14O	6-octyn-5-ol	---	7.99637	2064.6641	199.255	96	230	3
4963	C8H14O	7-octyn-5-ol	---	7.99637	2064.6641	199.255	96	230	3
4964	C8H14O	1-methyl-2-heptyn-1-ol	---	7.99637	2064.6641	199.255	96	230	3
4965	C8H14O	4-methyl-2-heptyn-1-ol	---	7.99637	2064.6641	199.255	96	230	3
4966	C8H14O	5-methyl-2-heptyn-1-ol	---	7.99637	2064.6641	199.255	96	230	3
4967	C8H14O	6-methyl-2-heptyn-1-ol	---	7.99637	2064.6641	199.255	96	230	3
4968	C8H14O	1-methyl-3-heptyn-1-ol	---	7.99637	2064.6641	199.255	96	230	3
4969	C8H14O	2-methyl-3-heptyn-1-ol	---	7.99637	2064.6641	199.255	96	230	3
4970	C8H14O	5-methyl-3-heptyn-1-ol	---	7.99637	2064.6641	199.255	96	230	3
4971	C8H14O	6-methyl-3-heptyn-1-ol	---	7.99637	2064.6641	199.255	96	230	3
4972	C8H14O	1-methyl-4-heptyn-1-ol	---	7.99637	2064.6641	199.255	96	230	3
4973	C8H14O	2-methyl-4-heptyn-1-ol	---	7.99637	2064.6641	199.255	96	230	3
4974	C8H14O	3-methyl-4-heptyn-1-ol	---	7.99637	2064.6641	199.255	96	230	3
4975	C8H14O	6-methyl-4-heptyn-1-ol	---	7.99637	2064.6641	199.255	96	230	3
4976	C8H14O	1-methyl-5-heptyn-1-ol	---	7.99637	2064.6641	199.255	96	230	3
4977	C8H14O	2-methyl-5-heptyn-1-ol	---	7.99637	2064.6641	199.255	96	230	3
4978	C8H14O	3-methyl-5-heptyn-1-ol	---	7.99637	2064.6641	199.255	96	230	3
4979	C8H14O	4-methyl-5-heptyn-1-ol	---	7.99637	2064.6641	199.255	96	230	3
4980	C8H14O	5-methyl-5-heptyn-1-ol	---	7.99637	2064.6641	199.255	96	230	3
4981	C8H14O	1-methyl-6-heptyn-1-ol	---	7.99637	2064.6641	199.255	96	230	3
4982	C8H14O	2-methyl-6-heptyn-1-ol	---	7.99637	2064.6641	199.255	96	230	3
4983	C8H14O	3-methyl-6-heptyn-1-ol	---	7.99637	2064.6641	199.255	96	230	3
4984	C8H14O	4-methyl-6-heptyn-1-ol	---	7.99637	2064.6641	199.255	96	230	3
4985	C8H14O	5-methyl-6-heptyn-1-ol	---	7.99637	2064.6641	199.255	96	230	3
4986	C8H14O	6-methyl-6-heptyn-1-ol	---	7.99637	2064.6641	199.255	96	230	3
4987	C8H14O	2-methyl-3-heptyn-2-ol	---	7.99637	2064.6641	199.255	96	230	3
4988	C8H14O	2-methyl-4-heptyn-2-ol	---	7.99637	2064.6641	199.255	96	230	3
4989	C8H14O	2-methyl-6-heptyn-2-ol	---	7.99637	2064.6641	199.255	96	230	3
4990	C8H14O	6-methyl-5-heptyn-2-ol	---	7.99637	2064.6641	199.255	96	230	3
4991	C8H14O	DL-6-methyl-5-heptyn-2-ol	---	7.99637	2064.6641	199.255	96	230	3
4992	C8H14O	3-methyl-4-heptyn-3-ol	---	7.99637	2064.6641	199.255	96	230	3
4993	C8H14O	4-methyl-4-heptyn-3-ol	---	7.99637	2064.6641	199.255	96	230	3
4994	C8H14O	4-methyl-1-heptyn-4-ol	---	7.99637	2064.6641	199.255	96	230	3
4995	C8H14O	5-methyl-2-heptyn-4-ol	---	7.99637	2064.6641	199.255	96	230	3
4996	C8H14O	6-methyl-2-heptyn-4-ol	---	7.99637	2064.6641	199.255	96	230	3
4997	C8H14O	3,5-dimethyl-1-hexyn-3-ol	107-54-0	8.01911	1874.2536	214.211	53	173	1,2
4998	C8H14O	2,2-dimethyl-4-hexyn-3-ol	---	7.99637	2064.6641	199.255	96	230	3
4999	C8H14O	2,5-dimethyl-4-hexyn-3-ol	---	7.99637	2064.6641	199.255	96	230	3
5000	C8H14O	3,5-dimethyl-4-hexyn-3-ol	---	7.99637	2064.6641	199.255	96	230	3
5001	C8H14O	2-octenal	2463-89-5	7.23811	1718.7642	204.356	71.17	219.37	1,2
5002	C8H14O	trans-2-octenal	2548-87-0	7.45947	1779.7527	204.356	71.17	211.70	2
5003	C8H14O	3-octenal	---	7.45947	1779.7527	204.356	71.17	211.70	2
5004	C8H14O	4-octenal	---	7.45947	1779.7527	204.356	71.17	211.70	2
5005	C8H14O	5-octenal	---	7.45947	1779.7527	204.356	71.17	211.70	2
5006	C8H14O	6-octenal	---	7.45947	1779.7527	204.356	71.17	211.70	2
5007	C8H14O	7-octenal	21573-31-9	7.07618	1642.4290	207.136	63.17	214.61	2
5008	C8H14O	2-methyl-2-heptenal	---	7.07618	1642.4290	207.136	63.17	214.61	2
5009	C8H14O	3-methyl-2-heptenal	---	7.07618	1642.4290	207.136	63.17	214.61	2
5010	C8H14O	4-methyl-2-heptenal	---	7.07618	1642.4290	207.136	63.17	214.61	2
5011	C8H14O	5-methyl-2-heptenal	---	7.07618	1642.4290	207.136	63.17	214.61	2
5012	C8H14O	6-methyl-2-heptenal	---	7.07618	1642.4290	207.136	63.17	214.61	2
5013	C8H14O	2-methyl-3-heptenal	---	7.07618	1642.4290	207.136	63.17	214.61	2
5014	C8H14O	3-methyl-3-heptenal	---	7.07618	1642.4290	207.136	63.17	214.61	2
5015	C8H14O	4-methyl-3-heptenal	---	7.07618	1642.4290	207.136	63.17	214.61	2
5016	C8H14O	5-methyl-3-heptenal	---	7.07618	1642.4290	207.136	63.17	214.61	2
5017	C8H14O	6-methyl-3-heptenal	---	7.07618	1642.4290	207.136	63.17	214.61	2
5018	C8H14O	2-methyl-4-heptenal	---	7.07618	1642.4290	207.136	63.17	214.61	2
5019	C8H14O	3-methyl-4-heptenal	---	7.07618	1642.4290	207.136	63.17	214.61	2
5020	C8H14O	4-methyl-4-heptenal	---	7.07618	1642.4290	207.136	63.17	214.61	2
5021	C8H14O	5-methyl-4-heptenal	---	7.07618	1642.4290	207.136	63.17	214.61	2
5022	C8H14O	6-methyl-4-heptenal	---	7.07618	1642.4290	207.136	63.17	214.61	2
5023	C8H14O	2-methyl-5-heptenal	---	7.07618	1642.4290	207.136	63.17	214.61	2
5024	C8H14O	3-methyl-5-heptenal	---	7.07618	1642.4290	207.136	63.17	214.61	2
5025	C8H14O	4-methyl-5-heptenal	---	7.07618	1642.4290	207.136	63.17	214.61	2
5026	C8H14O	5-methyl-5-heptenal	---	7.07618	1642.4290	207.136	63.17	214.61	2
5027	C8H14O	6-methyl-5-heptenal	---	7.07618	1642.4290	207.136	63.17	214.61	2
5028	C8H14O	2-methyl-6-heptenal	---	7.07618	1642.4290	207.136	63.17	214.61	2
5029	C8H14O	3-methyl-6-heptenal	---	7.07618	1642.4290	207.136	63.17	214.61	2
5030	C8H14O	4-methyl-6-heptenal	---	7.07618	1642.4290	207.136	63.17	214.61	2
5031	C8H14O	5-methyl-6-heptenal	---	7.07618	1642.4290	207.136	63.17	214.61	2
5032	C8H14O	6-methyl-6-heptenal	---	7.07618	1642.4290	207.136	63.17	214.61	2
5033	C8H14O	2,2-dimethyl-2-hexenal	---	6.74036	1521.6913	209.916	55.17	217.70	2
5034	C8H14O	2,3-dimethyl-2-hexenal	---	6.74036	1521.6913	209.916	55.17	217.70	2
5035	C8H14O	2,4-dimethyl-2-hexenal	---	6.74036	1521.6913	209.916	55.17	217.70	2
5036	C8H14O	2,5-dimethyl-2-hexenal	---	6.74036	1521.6913	209.916	55.17	217.70	2
5037	C8H14O	2,2-dimethyl-3-hexenal	---	6.74036	1521.6913	209.916	55.17	217.70	2
5038	C8H14O	2,3-dimethyl-3-hexenal	---	6.74036	1521.6913	209.916	55.17	217.70	2
5039	C8H14O	2,4-dimethyl-3-hexenal	---	6.74036	1521.6913	209.916	55.17	217.70	2
5040	C8H14O	2,5-dimethyl-3-hexenal	---	6.74036	1521.6913	209.916	55.17	217.70	2

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mmHg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
5041	C8H14O	2,2-dimethyl-4-hexenal	---	6.74036	1521.6913	209.916	55.17	217.70	2
5042	C8H14O	2,3-dimethyl-4-hexenal	---	6.74036	1521.6913	209.916	55.17	217.70	2
5043	C8H14O	2,4-dimethyl-4-hexenal	---	6.74036	1521.6913	209.916	55.17	217.70	2
5044	C8H14O	2,5-dimethyl-4-hexenal	---	6.74036	1521.6913	209.916	55.17	217.70	2
5045	C8H14O	2,2-dimethyl-5-hexenal	---	6.74036	1521.6913	209.916	55.17	217.70	2
5046	C8H14O	2,3-dimethyl-5-hexenal	---	6.74036	1521.6913	209.916	55.17	217.70	2
5047	C8H14O	2,4-dimethyl-5-hexenal	---	6.74036	1521.6913	209.916	55.17	217.70	2
5048	C8H14O	2,5-dimethyl-5-hexenal	---	6.74036	1521.6913	209.916	55.17	217.70	2
5049	C8H14O	2-ethyl-2-hexenal	645-62-5	7.30542	1701.1036	207.414	62.37	205.12	1,2
5050	C8H14O	methylheptenone	409-02-9	6.73838	1532.1553	207.831	59.17	222.97	2
5051	C8H14O	3-octen-2-one	1669-44-9	6.63646	1495.1498	208.757	56.51	224.04	2
5052	C8H14O2	2-octenoic acid	1470-50-4	7.01820	1847.5361	190.262	116.73	291.32	2
5053	C8H14O2	trans-2-octenoic acid	1871-67-6	7.01820	1847.5361	190.262	116.73	291.32	2
5054	C8H14O2	3-octenoic acid	---	7.01820	1847.5361	190.262	116.73	291.32	2
5055	C8H14O2	4-octenoic acid	---	7.01820	1847.5361	190.262	116.73	291.32	2
5056	C8H14O2	5-octenoic acid	---	7.01820	1847.5361	190.262	116.73	291.32	2
5057	C8H14O2	6-octenoic acid	---	7.01820	1847.5361	190.262	116.73	291.32	2
5058	C8H14O2	7-octenoic acid	---	7.01820	1847.5361	190.262	116.73	291.32	2
5059	C8H14O2	2-methyl-2-heptenoic acid	---	6.78296	1751.1719	192.486	110.33	293.80	2
5060	C8H14O2	3-methyl-2-heptenoic acid	---	6.78296	1751.1719	192.486	110.33	293.80	2
5061	C8H14O2	4-methyl-2-heptenoic acid	---	6.78296	1751.1719	192.486	110.33	293.80	2
5062	C8H14O2	5-methyl-2-heptenoic acid	---	6.78296	1751.1719	192.486	110.33	293.80	2
5063	C8H14O2	6-methyl-2-heptenoic acid	90112-75-7	7.10571	1883.3257	189.483	118.97	290.48	2
5064	C8H14O2	2-methyl-3-heptenoic acid	---	6.78296	1751.1719	192.486	110.33	293.80	2
5065	C8H14O2	3-methyl-3-heptenoic acid	---	6.78296	1751.1719	192.486	110.33	293.80	2
5066	C8H14O2	4-methyl-3-heptenoic acid	---	6.78296	1751.1719	192.486	110.33	293.80	2
5067	C8H14O2	5-methyl-3-heptenoic acid	---	6.78296	1751.1719	192.486	110.33	293.80	2
5068	C8H14O2	6-methyl-3-heptenoic acid	---	6.78296	1751.1719	192.486	110.33	293.80	2
5069	C8H14O2	2-methyl-4-heptenoic acid	---	6.78296	1751.1719	192.486	110.33	293.80	2
5070	C8H14O2	3-methyl-4-heptenoic acid	---	6.78296	1751.1719	192.486	110.33	293.80	2
5071	C8H14O2	4-methyl-4-heptenoic acid	---	6.78296	1751.1719	192.486	110.33	293.80	2
5072	C8H14O2	5-methyl-4-heptenoic acid	---	6.78296	1751.1719	192.486	110.33	293.80	2
5073	C8H14O2	6-methyl-4-heptenoic acid	---	6.78296	1751.1719	192.486	110.33	293.80	2
5074	C8H14O2	2,3-dimethyl-2-hexenoic acid	---	6.56749	1662.6744	194.710	103.93	296.39	2
5075	C8H14O2	2,4-dimethyl-2-hexenoic acid	---	6.56749	1662.6744	194.710	103.93	296.39	2
5076	C8H14O2	2,5-dimethyl-2-hexenoic acid	---	6.56749	1662.6744	194.710	103.93	296.39	2
5077	C8H14O2	2-ethyl-2-hexenoic acid	5309-52-4	6.67292	1706.0031	193.598	107.13	295.08	2
5078	C8H14O2	3-ethyl-2-hexenoic acid	---	6.67292	1706.0031	193.598	107.13	295.08	2
5079	C8H14O2	4-ethyl-2-hexenoic acid	---	6.67292	1706.0031	193.598	107.13	295.08	2
5080	C8H14O2	5-ethyl-2-hexenoic acid	---	6.67292	1706.0031	193.598	107.13	295.08	2
5081	C8H14O2	butyl methacrylate	97-88-1	7.22517	1624.2467	212.325	48.59	189.39	1,2
5082	C8H14O2	isobutyl methacrylate	97-86-9	7.54982	1718.3083	212.974	49.37	180.41	1,2
5083	C8H14O2	cyclohexyl acetate	622-45-7	7.15094	1568.2093	194.142	60.81	200.96	1,2
5084	C8H14O2	2,4-octanedione	14090-87-0	7.56907	1837.3827	202.132	77.57	216.67	3
5085	C8H14O2	2,7-octanedione	1626-09-1	7.08214	1661.2460	205.630	67.51	220.30	3
5086	C8H14O2	3,6-octanedione	2955-65-9	7.08214	1661.2460	205.630	67.51	220.30	3
5087	C8H14O2	4,5-octanedione	5455-24-3	7.37885	1697.6053	209.360	56.77	195.12	1,2
5088	C8H14O2	2,5-dimethyl-3,4-hexanedione	4388-87-8	7.36073	1614.7560	215.893	37.97	170.51	1,2
5089	C8H14O2	isovaleric acid, allyl ester	2835-39-4	7.69366	2055.4218	190.220	116.85	265.34	3
5090	C8H14O2	ethyl 2,3-dimethyl-2-butenate	13979-28-7	7.01362	1581.8480	212.974	50.07	199.85	2
5091	C8H14O2	ethyl 2-hexenoate	1552-67-6	7.81678	1862.5018	207.553	65.67	194.29	2
5092	C8H14O2	ethyl 3-hexenoate	2396-83-0	7.45984	1738.0035	209.777	59.27	196.49	2
5093	C8H14O2	ethyl 3-methyl-3-pentenoate	86623-80-5	8.11235	1963.9674	205.630	70.51	192.70	2
5094	C8H14O2	ethyl 4-methyl-2-pentenoate	2351-97-5	7.79319	1854.2838	207.692	65.27	194.42	2
5095	C8H14O2	ethyl 4-methyl-3-pentenoate	6849-18-9	8.11235	1963.9674	205.630	70.51	192.70	2
5096	C8H14O2	2-methylbutyl acrylate	44914-03-6	7.19891	1646.7672	211.584	54.07	198.36	2
5097	C8H14O2	tert-butyl methacrylate	585-07-9	6.29952	1330.3812	219.368	31.67	207.35	2
5098	C8H14O2	ethyl 4-methyl-4-pentenoate	4911-54-0	8.11235	1963.9674	205.630	70.51	192.70	2
5099	C8H14O2	ethyl 2-methyl-4-pentenoate	53399-81-8	6.97804	1569.3677	213.252	49.27	200.15	2
5100	C8H14O2	trans-2-hexenyl acetate	2497-18-9	7.41604	1722.7023	210.069	58.43	196.79	2
5101	C8H14O2	isoamyl acrylate	4245-35-6	7.12328	1620.2822	212.140	52.47	198.95	2
5102	C8H14O2	3-propyl-2,4-pentadione	1540-35-8	6.02600	1275.9159	215.893	37.97	232.72	3
5103	C8H14O2	5,5-dimethyl-2,4-hexadione	7307-04-2	6.02600	1275.9159	215.893	37.97	232.72	3
5104	C8H14O3	butyric anhydride	106-31-0	8.03196	2366.8464	261.230	75.35	226.77	1,2
5105	C8H14O4	diethyl succinate	123-25-1	7.88220	2229.6449	228.805	95.17	245.55	1,2
5106	C8H14O4	dimethyl adipate	627-93-0	8.41777	2824.0929	275.195	105.53	264.17	1,2
5107	C8H14O4	dipropyl oxalate	615-98-5	8.00422	2228.9579	224.054	94.18	238.16	1,2
5108	C8H14O4	3-ethyl-3-methylpentanedioic acid	5345-01-7	8.40944	2790.5474	159.571	217.05	374.24	3
5109	C8H14O4	octanedioic acid	505-48-6	8.58250	2871.5555	158.459	220.25	373.25	3
5110	C8H14O4	tetramethylbutanedioic acid	630-51-3	7.93853	2569.7291	162.907	207.45	377.33	3
5111	C8H14O6S	sulfonyldiacetic acid, diethyl ester	29771-87-7	6.79713	1657.8510	98.374	148.85	360.19	3
5112	C8H15Br	1-bromo-1-octene	1119-88-6	8.09805	2006.6752	200.798	81.91	207.38	2
5113	C8H15Br	cis-1-bromo-1-octene	42843-49-2	8.27654	2075.3280	200.798	84.41	206.55	2
5114	C8H15Br	trans-1-bromo-1-octene	51751-87-2	8.09805	2006.6752	200.798	81.91	207.38	2
5115	C8H15Br	2-bromo-1-octene	13249-60-0	8.33027	2094.4779	200.520	85.21	206.30	2
5116	C8H15Br	3-bromo-1-octene	---	8.38488	2113.9353	200.242	86.01	206.05	2
5117	C8H15Br	4-bromo-1-octene	---	8.44038	2133.7081	199.964	86.81	205.80	2
5118	C8H15Br	5-bromo-1-octene	---	8.49681	2153.8040	199.686	87.61	205.55	2
5119	C8H15Br	6-bromo-1-octene	---	8.55419	2174.2311	199.408	88.41	205.30	2
5120	C8H15Br	7-bromo-1-octene	---	8.61254	2194.9979	199.130	89.21	205.05	2

Table 1 Vapor Pressure – Organic Compounds

NO	FORMULA	NAME	$\log_{10} P = A - B/(T + C) \quad (P - \text{mmHg}, T - ^\circ\text{C})$						
			CAS No	A	B	C	TMIN	TMAX	code
5121	C8H15Br	8-bromo-1-octene	2695-48-9	8.67188	2216.1131	198.852	90.01	204.81	2
5122	C8H15Br	1-bromo-2-octene	25466-54-0	8.73224	2237.5855	198.574	90.81	204.57	2
5123	C8H15Br	2-bromo-2-octene	---	8.79365	2259.4247	198.296	91.61	204.32	2
5124	C8H15Br	3-bromo-2-octene	---	8.85613	2281.6401	198.018	92.41	204.08	2
5125	C8H15Br	4-bromo-2-octene	---	8.91972	2304.2417	197.740	93.21	203.84	2
5126	C8H15Br	5-bromo-2-octene	---	8.98444	2327.2399	197.462	94.01	203.61	2
5127	C8H15Br	6-bromo-2-octene	---	9.05032	2350.6453	197.184	94.81	203.37	2
5128	C8H15Br	7-bromo-2-octene	---	9.11740	2374.4690	196.906	95.61	203.14	2
5129	C8H15Br	8-bromo-2-octene	---	9.18571	2398.7226	196.628	96.41	202.90	2
5130	C8H15Br	(2-bromoethyl)cyclohexane	1647-26-3	6.36353	1449.6707	189.247	81.04	266.38	1,2
5131	C8H15Br3	1,1,1-tribromooctane	62127-65-5	7.60856	2151.8537	177.946	147.67	308.16	2
5132	C8H15Cl	1-chloro-1-octene	---	6.96998	1622.8105	206.858	64.97	221.53	2
5133	C8H15Cl	cis-1-chloro-1-octene	64531-23-3	6.96998	1622.8105	206.858	64.97	221.53	2
5134	C8H15Cl	trans-1-chloro-1-octene	59871-24-8	6.96998	1622.8105	206.858	64.97	221.53	2
5135	C8H15Cl	2-chloro-1-octene	31283-43-9	6.71110	1528.5879	209.082	58.57	224.04	2
5136	C8H15Cl	3-chloro-1-octene	---	6.72654	1534.2150	208.943	58.97	223.88	2
5137	C8H15Cl	4-chloro-1-octene	---	6.74207	1539.8755	208.804	59.37	223.72	2
5138	C8H15Cl	5-chloro-1-octene	---	6.75770	1545.5697	208.665	59.77	223.56	2
5139	C8H15Cl	6-chloro-1-octene	---	6.77342	1551.2979	208.526	60.17	223.40	2
5140	C8H15Cl	7-chloro-1-octene	---	6.78925	1557.0605	208.387	60.57	223.24	2
5141	C8H15Cl	8-chloro-1-octene	---	6.80517	1562.8578	208.248	60.97	223.08	2
5142	C8H15Cl	1-chloro-2-octene	---	6.82119	1568.6900	208.109	61.37	222.93	2
5143	C8H15Cl	2-chloro-2-octene	90202-21-4	6.66534	1511.9042	209.499	57.37	224.52	2
5144	C8H15Cl	3-chloro-2-octene	---	6.68050	1517.4329	209.360	57.77	224.36	2
5145	C8H15Cl	4-chloro-2-octene	116668-50-9	6.26225	1364.5025	213.530	45.77	229.43	2
5146	C8H15Cl	5-chloro-2-octene	---	6.27507	1369.2028	213.391	46.17	229.25	2
5147	C8H15Cl	6-chloro-2-octene	---	6.28795	1373.9283	213.252	46.57	229.08	2
5148	C8H15Cl	7-chloro-2-octene	---	6.30091	1378.6794	213.113	46.97	228.90	2
5149	C8H15Cl	8-chloro-2-octene	---	6.31395	1383.4561	212.974	47.37	228.73	2
5150	C8H15Cl	cis-4-chloro-4-octene	7321-48-4	6.59970	1487.9572	210.111	55.61	225.24	2
5151	C8H15Cl	1-chloro-4-ethyl-3-hexene	82507-04-8	6.83731	1574.5576	207.970	61.77	222.77	2
5152	C8H15Cl	6-chloro-2-methyl-2-heptene	80325-37-7	6.83731	1574.5576	207.970	61.77	222.77	2
5153	C8H15ClO	octanoyl chloride	111-64-8	5.56962	970.7955	132.875	79.57	273.69	3
5154	C8H15ClO	5-methylheptanoyl chloride	900000-82-0	7.03854	2084.3768	273.150	64.85	267.31	3
5155	C8H15Cl3	1,1,1-trichlorooctane	4905-79-7	6.99955	1775.0409	193.792	102.07	271.16	2
5156	C8H15F	1-fluoro-1-octene	---	6.88590	1504.8537	217.061	38.61	189.21	2
5157	C8H15F	cis-1-fluoro-1-octene	32814-16-7	6.90339	1510.8661	216.922	39.01	189.06	2
5158	C8H15F	trans-1-fluoro-1-octene	32814-17-8	6.92100	1516.9177	216.783	39.41	188.90	2
5159	C8H15F	2-fluoro-1-octene	---	6.93872	1523.0090	216.644	39.81	188.75	2
5160	C8H15F	3-fluoro-1-octene	---	6.95657	1529.1402	216.505	40.21	188.59	2
5161	C8H15F	4-fluoro-1-octene	---	6.97454	1535.3118	216.366	40.61	188.44	2
5162	C8H15F	5-fluoro-1-octene	---	6.99262	1541.5242	216.227	41.01	188.29	2
5163	C8H15F	6-fluoro-1-octene	---	7.01084	1547.7778	216.088	41.41	188.14	2
5164	C8H15F	7-fluoro-1-octene	---	7.02917	1554.0730	215.949	41.81	187.99	2
5165	C8H15F	8-fluoro-1-octene	---	7.04764	1560.4104	215.810	42.21	187.84	2
5166	C8H15F	1-fluoro-2-octene	---	7.06623	1566.7902	215.671	42.61	187.69	2
5167	C8H15F	2-fluoro-2-octene	---	7.08494	1573.2130	215.532	43.01	187.54	2
5168	C8H15F	3-fluoro-2-octene	---	7.10379	1579.6791	215.393	43.41	187.39	2
5169	C8H15F	4-fluoro-2-octene	---	7.12277	1586.1891	215.254	43.81	187.24	2
5170	C8H15F	5-fluoro-2-octene	---	7.14188	1592.7435	215.115	44.21	187.09	2
5171	C8H15F	6-fluoro-2-octene	---	7.16113	1599.3426	214.976	44.61	186.94	2
5172	C8H15F	7-fluoro-2-octene	---	7.18051	1605.9869	214.837	45.01	186.79	2
5173	C8H15F	8-fluoro-2-octene	---	7.20003	1612.6770	214.698	45.41	186.65	2
5174	C8H15F3	1,1,1-trifluorooctane	53392-86-2	6.42132	1303.0333	220.550	19.80	181.69	3
5175	C8H15I	1-iodo-1-octene	---	8.84181	2306.2619	197.128	96.97	210.34	2
5176	C8H15I	cis-1-iodo-1-octene	52356-93-1	8.84181	2306.2619	197.128	96.97	210.34	2
5177	C8H15I	trans-1-iodo-1-octene	42599-17-7	8.84181	2306.2619	197.128	96.97	210.34	2
5178	C8H15I	2-iodo-1-octene	---	8.85422	2310.7333	197.073	97.13	210.29	2
5179	C8H15I	3-iodo-1-octene	---	8.86668	2315.2199	197.017	97.29	210.25	2
5180	C8H15I	4-iodo-1-octene	---	8.87918	2319.7219	196.962	97.45	210.20	2
5181	C8H15I	5-iodo-1-octene	---	8.89173	2324.2393	196.906	97.61	210.15	2
5182	C8H15I	6-iodo-1-octene	---	8.90432	2328.7721	196.850	97.77	210.10	2
5183	C8H15I	7-iodo-1-octene	---	8.91695	2333.3205	196.795	97.93	210.05	2
5184	C8H15I	8-iodo-1-octene	---	8.92963	2337.8846	196.739	98.09	210.01	2
5185	C8H15I	1-iodo-2-octene	---	8.94235	2342.4643	196.684	98.25	209.96	2
5186	C8H15I	2-iodo-2-octene	---	8.95511	2347.0599	196.628	98.41	209.91	2
5187	C8H15I	3-iodo-2-octene	---	8.96792	2351.6713	196.572	98.57	209.86	2
5188	C8H15I	4-iodo-2-octene	---	8.98078	2356.2987	196.517	98.73	209.82	2
5189	C8H15I	5-iodo-2-octene	---	8.99368	2360.9422	196.461	98.89	209.77	2
5190	C8H15I	6-iodo-2-octene	---	9.00663	2365.6018	196.406	99.05	209.72	2
5191	C8H15I	7-iodo-2-octene	---	9.01962	2370.2777	196.350	99.21	209.67	2
5192	C8H15I	8-iodo-2-octene	---	9.03266	2374.9698	196.294	99.37	209.63	2
5193	C8H15N	octanenitrile	124-12-9	7.45314	1820.0991	199.019	83.03	227.10	1,2
5194	C8H15NO	heptyl isocyanate	4747-81-3	7.65760	1909.7374	201.521	85.33	225.16	2
5195	C8H15N5S	2-methylthio-4,6-bis(ethylamino)-1,3,5-triazine	1014-70-6	11.91400	5293.0000	273.150	211.82	333.00	3
5196	C8H15N5S	2-methylthio-3-methylamino-6-isopropylamino-1,3,5-triazine	900000-27-3	12.10100	5302.0000	273.150	204.46	321.30	3
5197	C8H16	propylcyclopentane	2040-96-2	7.01234	1485.3212	228.559	18.49	159.20	1,2
5198	C8H16	isopropylcyclopentane	3875-51-2	7.03267	1453.9021	223.761	17.24	153.79	1,2
5199	C8H16	1-methyl-1-ethylcyclopentane	16747-50-5	7.21185	1572.9075	241.621	11.59	148.68	1,2
5200	C8H16	1-methyl-cis-2-ethylcyclopentane	930-89-2	6.92997	1398.3718	217.399	18.42	155.69	1,2

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mmHg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
5201	C8H16	1-methyl-trans-2-ethylcyclopentane	930-90-5	6.94987	1392.7804	221.146	12.94	148.49	1,2
5202	C8H16	1-methyl-cis-3-ethylcyclopentane	2613-66-3	6.92061	1376.6835	219.331	13.19	148.89	1,2
5203	C8H16	1-methyl-trans-3-ethylcyclopentane	2613-65-2	6.97342	1408.5298	223.315	12.48	148.17	1,2
5204	C8H16	1,1,2-trimethylcyclopentane	4259-00-1	6.89690	1351.9098	222.874	-21.64	141.03	1,2
5205	C8H16	1,1,3-trimethylcyclopentane	4516-69-2	6.88404	1311.0301	222.544	0.27	131.58	1,2
5206	C8H16	1,cis-2,cis-3-trimethylcyclopentane	2613-69-6	6.85592	1353.2803	217.439	13.66	150.89	1,2
5207	C8H16	1,cis-2,trans-3-trimethylcyclopentane	15890-40-1	6.85722	1336.7903	218.630	9.60	145.08	1,2
5208	C8H16	1,trans-2,cis-3-trimethylcyclopentane	19374-46-0	6.38733	1219.5907	222.602	3.78	157.87	2
5209	C8H16	1,cis-2,cis-4-trimethylcyclopentane	2613-72-1	6.86730	1336.7790	218.578	9.26	144.14	1,2
5210	C8H16	1,cis-2,trans-4-trimethylcyclopentane	4850-28-6	6.92689	1396.6371	228.333	7.31	144.60	1,2
5211	C8H16	1,trans-2,cis-4-trimethylcyclopentane	16883-48-0	6.84565	1310.8147	220.760	3.48	137.01	1,2
5212	C8H16	1-methyl-3-ethylcyclopentane	3726-47-4	6.75030	1329.0232	222.412	8.71	150.02	1,2
5213	C8H16	ethylcyclohexane	1678-91-7	6.96491	1473.0471	228.828	18.12	160.55	1,2
5214	C8H16	1,1-dimethylcyclohexane	590-66-9	6.85378	1360.6854	222.636	9.81	147.93	1,2
5215	C8H16	1,2-dimethylcyclohexane	583-57-3	7.08317	1457.8565	221.064	18.59	152.62	1,2
5216	C8H16	cis-1,2-dimethylcyclohexane	2207-01-4	6.86221	1395.1241	220.561	17.43	158.51	1,2
5217	C8H16	trans-1,2-dimethylcyclohexane	6876-23-9	6.91579	1419.5407	228.259	11.70	151.91	1,2
5218	C8H16	1,3-dimethylcyclohexane	591-21-9	7.07722	1437.5556	222.718	13.83	146.32	1,2
5219	C8H16	cis-1,3-dimethylcyclohexane	638-04-0	6.90117	1386.1092	224.923	9.96	147.75	1,2
5220	C8H16	trans-1,3-dimethylcyclohexane	2207-03-6	6.95243	1416.5023	225.047	12.92	150.62	1,2
5221	C8H16	1,4-dimethylcyclohexane	589-90-2	7.15312	1464.5024	221.940	16.07	146.83	1,2
5222	C8H16	cis-1,4-dimethylcyclohexane	624-29-3	6.90792	1406.1575	225.323	12.69	152.06	1,2
5223	C8H16	trans-1,4-dimethylcyclohexane	2207-04-7	6.87464	1368.5795	223.224	9.74	147.38	1,2
5224	C8H16	cyclooctane	292-64-8	7.20704	1570.9300	217.914	30.00	172.36	3
5225	C8H16	1-octene	111-66-0	7.07764	1455.8408	225.041	14.50	148.65	1,2
5226	C8H16	oct-2-ene	111-67-1	7.37980	1557.5150	221.342	22.79	149.67	1,2
5227	C8H16	cis-2-octene	7642-04-8	7.06492	1410.1506	212.175	20.33	150.98	1,2
5228	C8H16	trans-2-octene	13389-42-9	7.28203	1548.6489	231.665	14.86	146.04	2
5229	C8H16	cis-3-octene	14850-22-7	7.10739	1465.2539	223.726	16.19	149.53	1,2
5230	C8H16	trans-3-octene	14919-01-8	7.11303	1509.8688	233.486	13.51	150.59	1,2
5231	C8H16	oct-4-ene	592-99-4	7.49275	1584.9183	221.356	22.75	146.30	1,2
5232	C8H16	cis-4-octene	7642-15-1	7.07299	1429.3206	218.399	16.96	148.93	1,2
5233	C8H16	trans-4-octene	14850-23-8	7.07579	1467.8243	228.050	13.54	148.90	1,2
5234	C8H16	2-methyl-1-heptene	15870-10-7	7.03546	1404.4357	219.190	13.51	145.26	1,2
5235	C8H16	3-methyl-1-heptene	4810-09-7	7.03175	1381.2372	221.753	7.24	137.02	1,2
5236	C8H16	4-methyl-1-heptene	13151-05-8	7.04905	1394.9524	222.163	8.44	138.55	1,2
5237	C8H16	5-methyl-1-heptene	13151-04-7	7.03980	1396.3012	222.431	8.75	139.50	1,2
5238	C8H16	6-methyl-1-heptene	5026-76-6	7.05354	1398.9730	222.416	8.68	138.92	1,2
5239	C8H16	2-methyl-2-heptene	627-97-4	7.04930	1448.5633	224.654	14.81	149.90	1,2
5240	C8H16	3-methyl-cis-2-heptene	22768-19-0	7.12949	1465.3014	224.680	14.38	146.50	2
5241	C8H16	3-methyl-trans-2-heptene	22768-20-3	7.12949	1465.3014	224.680	14.38	146.50	2
5242	C8H16	4-methyl-cis-2-heptene	66225-16-9	6.78327	1332.1848	221.166	9.18	148.74	2
5243	C8H16	4-methyl-trans-2-heptene	66225-17-0	6.78327	1332.1848	221.166	9.18	148.74	2
5244	C8H16	5-methyl-cis-2-heptene	24608-84-2	6.94489	1392.7722	222.499	11.78	147.62	2
5245	C8H16	5-methyl-trans-2-heptene	24608-85-3	6.94489	1392.7722	222.499	11.78	147.62	2
5246	C8H16	6-methyl-2-heptene	73548-72-8	7.23243	1495.8355	223.538	16.47	145.75	2
5247	C8H16	6-methyl-cis-2-heptene	66225-18-1	6.90368	1377.2688	222.156	11.13	147.89	2
5248	C8H16	6-methyl-trans-2-heptene	51065-65-7	6.90368	1377.2688	222.156	11.13	147.89	2
5249	C8H16	6-methyl-3-heptene	3404-57-7	7.14769	1469.0787	224.094	14.87	146.34	2
5250	C8H16	2-methyl-3-heptene	17618-76-7	7.02530	1430.3955	224.928	12.47	147.24	2
5251	C8H16	2-methyl-cis-3-heptene	20488-34-0	6.70521	1302.9445	220.489	7.89	149.31	2
5252	C8H16	2-methyl-trans-3-heptene	692-96-6	6.91064	1338.4271	218.150	8.29	140.79	1,2
5253	C8H16	3-methyl-3-heptene	7300-03-0	7.36558	1541.0826	222.426	19.67	145.92	1,2
5254	C8H16	3-methyl-cis-3-heptene	22768-17-8	7.08603	1448.8421	224.330	13.73	146.77	2
5255	C8H16	3-methyl-trans-3-heptene	22768-18-9	7.08603	1448.8421	224.330	13.73	146.77	2
5256	C8H16	4-methyl-3-heptene	4485-16-9	7.41001	1551.8391	222.426	19.67	144.60	2
5257	C8H16	4-methyl-cis-3-heptene	14255-24-4	7.12949	1465.3014	224.680	14.38	146.50	2
5258	C8H16	4-methyl-trans-3-heptene	13714-85-7	7.12949	1465.3014	224.680	14.38	146.50	2
5259	C8H16	5-methyl-3-heptene	13172-91-3	7.02530	1430.3955	224.928	12.47	147.24	2
5260	C8H16	5-methyl-cis-3-heptene	50422-80-5	6.70521	1302.9445	220.489	7.89	149.31	2
5261	C8H16	5-methyl-trans-3-heptene	53510-18-2	6.70521	1302.9445	220.489	7.89	149.31	2
5262	C8H16	6-methyl-cis-3-heptene	66225-19-2	6.82275	1346.8719	221.474	9.84	148.45	2
5263	C8H16	6-methyl-trans-3-heptene	66225-20-5	6.82545	1371.7942	225.194	9.20	148.53	2
5264	C8H16	2-ethyl-1-hexene	1632-16-2	7.28757	1579.1660	238.147	13.01	146.48	2
5265	C8H16	3-ethyl-1-hexene	3404-58-8	6.66604	1293.1278	221.421	6.80	149.72	2
5266	C8H16	4-ethyl-1-hexene	16746-85-3	6.56514	1217.3429	210.207	8.54	149.60	2
5267	C8H16	2,3-dimethyl-1-hexene	16746-86-4	6.59499	1251.5002	216.749	6.93	149.92	2
5268	C8H16	2,4-dimethyl-1-hexene	16746-87-5	6.62044	1260.5512	216.875	7.40	149.71	2
5269	C8H16	2,5-dimethyl-1-hexene	6975-92-4	6.63543	1266.0374	216.991	7.67	149.60	2
5270	C8H16	3,3-dimethyl-1-hexene	3404-77-1	6.26165	1111.3988	208.531	2.70	152.34	2
5271	C8H16	3,4-dimethyl-1-hexene	16745-94-1	6.63937	1265.7351	216.557	7.89	149.52	2
5272	C8H16	3,5-dimethyl-1-hexene	7423-69-0	6.35083	1160.0519	214.103	2.70	151.96	2
5273	C8H16	4,4-dimethyl-1-hexene	1647-08-1	6.36897	1148.9806	209.191	4.81	151.32	2
5274	C8H16	4,5-dimethyl-1-hexene	16106-59-5	6.52807	1224.9076	215.639	5.94	150.42	2
5275	C8H16	5,5-dimethyl-1-hexene	7116-86-1	6.21092	1092.9417	207.996	1.74	152.82	2
5276	C8H16	3-ethyl-cis-2-hexene	36880-72-5	7.08603	1448.8421	224.330	13.73	146.77	2
5277	C8H16	3-ethyl-trans-2-hexene	66225-15-8	7.08603	1448.8421	224.330	13.73	146.77	2
5278	C8H16	4-ethyl-cis-2-hexene	54616-49-8	6.74401	1317.4720	220.827	8.54	149.02	2
5279	C8H16	4-ethyl-trans-2-hexene	19781-63-6	6.74401	1317.4720	220.827	8.54	149.02	2
5280	C8H16	2,3-dimethyl-2-hexene	7145-20-2	6.94454	1376.0181	216.750	14.73	148.95	1,2

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mmHg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
5281	C8H16	2,4-dimethyl-2-hexene	14255-23-3	6.90500	1311.8486	215.141	7.02	137.21	1,2
5282	C8H16	2,5-dimethyl-2-hexene	3404-78-2	6.87460	1293.2724	211.321	8.83	138.90	1,2
5283	C8H16	3,4-dimethyl-cis-2-hexene	19550-81-3	6.78046	1314.9833	217.002	10.49	148.41	2
5284	C8H16	3,4-dimethyl-trans-2-hexene	19550-82-4	6.78046	1314.9833	217.002	10.49	148.41	2
5285	C8H16	3,5-dimethyl-cis-2-hexene	66225-31-8	6.62632	1258.4232	215.778	7.89	149.57	2
5286	C8H16	3,5-dimethyl-trans-2-hexene	66225-12-5	6.62632	1258.4232	215.778	7.89	149.57	2
5287	C8H16	4,4-dimethyl-cis-2-hexene	19550-83-5	6.30646	1123.1448	207.660	4.00	151.79	2
5288	C8H16	4,4-dimethyl-trans-2-hexene	---	6.30646	1123.1448	207.660	4.00	151.79	2
5289	C8H16	4,5-dimethyl-2-hexene	73548-71-7	6.94669	1405.5253	225.484	10.87	147.84	2
5290	C8H16	4,5-dimethyl-cis-2-hexene	65036-71-7	6.53947	1224.2269	214.407	6.59	150.20	2
5291	C8H16	4,5-dimethyl-trans-2-hexene	66225-14-7	6.53947	1224.2269	214.407	6.59	150.20	2
5292	C8H16	5,5-dimethyl-cis-2-hexene	39761-61-0	6.33646	1133.4925	207.807	4.60	151.50	2
5293	C8H16	5,5-dimethyl-trans-2-hexene	39782-43-9	6.24196	1100.0042	207.067	2.78	152.40	2
5294	C8H16	3-ethyl-3-hexene	16789-51-8	6.87686	1369.9654	222.626	10.49	148.13	2
5295	C8H16	2,2-dimethyl-cis-3-hexene	690-92-6	6.84626	1276.3005	216.305	2.01	131.99	1,2
5296	C8H16	2,2-dimethyl-trans-3-hexene	690-93-7	6.79688	1218.1999	210.227	-0.08	126.75	1,2
5297	C8H16	2,3-dimethyl-cis-3-hexene	59643-75-3	6.70259	1286.4381	216.404	9.18	148.98	2
5298	C8H16	2,3-dimethyl-trans-3-hexene	66225-30-7	6.70259	1286.4381	216.404	9.18	148.98	2
5299	C8H16	2,4-dimethyl-cis-3-hexene	37549-89-6	6.51381	1216.5699	214.662	5.98	150.46	2
5300	C8H16	2,4-dimethyl-trans-3-hexene	61847-78-7	6.90336	1295.5866	214.431	5.03	133.70	1,2
5301	C8H16	2,5-dimethyl-cis-3-hexene	10557-44-5	7.10978	1366.1430	224.394	-0.79	123.41	1,2
5302	C8H16	2,5-dimethyl-trans-3-hexene	692-70-6	6.86575	1249.7094	211.568	1.48	127.67	1,2
5303	C8H16	3,4-dimethyl-cis-3-hexene	19550-87-9	7.04056	1413.8152	219.676	14.38	146.72	2
5304	C8H16	3,4-dimethyl-trans-3-hexene	19550-88-0	7.04056	1413.8152	219.676	14.38	146.72	2
5305	C8H16	2-propyl-1-pentene	15918-08-8	6.97485	1412.4091	224.788	11.60	147.58	2
5306	C8H16	2-isopropyl-1-pentene	16746-02-4	6.72685	1317.1074	222.254	7.73	149.28	2
5307	C8H16	3-methyl-2-ethyl-1-pentene	3404-67-9	6.90726	1309.0798	213.370	8.23	138.02	1,2
5308	C8H16	4-methyl-2-ethyl-1-pentene	3404-80-6	6.58711	1248.4127	216.631	6.81	149.98	2
5309	C8H16	2-methyl-3-ethyl-1-pentene	19780-66-6	7.06059	1415.8024	229.177	4.43	135.84	1,2
5310	C8H16	3-methyl-3-ethyl-1-pentene	6196-60-7	6.88617	1286.8644	210.736	7.89	136.66	1,2
5311	C8H16	4-methyl-3-ethyl-1-pentene	61847-80-1	6.91574	1301.5305	215.016	5.00	133.56	1,2
5312	C8H16	2,3,3-trimethyl-1-pentene	560-23-6	6.79552	1248.6088	210.644	4.80	134.88	1,2
5313	C8H16	2,3,4-trimethyl-1-pentene	565-76-4	6.82685	1255.6056	210.194	5.29	134.28	1,2
5314	C8H16	2,4,4-trimethyl-1-pentene	107-39-1	6.89919	1329.7090	229.057	-3.65	128.65	1,2
5315	C8H16	3,3,4-trimethyl-1-pentene	560-22-5	6.72177	1186.0315	203.936	3.35	131.11	1,2
5316	C8H16	3,4,4-trimethyl-1-pentene	564-03-4	6.71859	1180.3466	203.710	2.70	130.03	1,2
5317	C8H16	2-methyl-3-ethyl-2-pentene	19780-67-7	6.76211	1277.6978	208.990	12.75	147.88	2
5318	C8H16	4-methyl-3-ethyl-cis-2-pentene	42067-48-1	6.93391	1349.8920	217.002	10.49	142.77	1,2
5319	C8H16	4-methyl-3-ethyl-trans-2-pentene	42067-49-2	6.92656	1337.8058	216.320	9.41	140.93	1,2
5320	C8H16	2,3,4-trimethyl-2-pentene	565-77-5	6.86280	1320.1346	214.976	10.19	143.66	1,2
5321	C8H16	2,4,4-trimethyl-2-pentene	107-40-4	6.88864	1321.1561	224.794	-0.44	131.62	1,2
5322	C8H16	3,4,4-trimethyl-cis-2-pentene	39761-64-3	6.71340	1214.9301	204.700	7.95	139.32	1,2
5323	C8H16	3,4,4-trimethyl-trans-2-pentene	39761-57-4	6.44580	1159.3383	204.998	7.89	150.20	2
5324	C8H16	3,4,4-trimethyl-2-pentene	598-96-9	7.02530	1430.3955	224.928	12.47	147.24	2
5325	C8H16	2,4,4-trimethylpentene	25167-70-8	6.68879	1323.7829	227.430	5.27	150.04	2
5326	C8H16	3-methyl-2-isopropyl-1-butene	111823-35-9	6.28095	1121.8427	209.737	2.70	152.25	2
5327	C8H16	3,3-dimethyl-2-ethyl-1-butene	18231-53-3	6.49365	1167.1976	205.869	6.59	146.57	1,2
5328	C8H16Br2	1,1-dibromooctane	62168-26-7	7.66941	2059.5297	188.232	120.57	270.71	2
5329	C8H16Br2	1,2-dibromooctane	6269-92-7	7.70935	2075.3665	187.954	121.37	270.44	2
5330	C8H16Br2	1,3-dibromooctane	---	7.74983	2091.4104	187.676	122.17	270.16	2
5331	C8H16Br2	1,4-dibromooctane	70690-24-3	7.79085	2107.6657	187.398	122.97	269.89	2
5332	C8H16Br2	1,5-dibromooctane	17912-17-3	7.83243	2124.1366	187.120	123.77	269.63	2
5333	C8H16Br2	1,6-dibromooctane	---	7.87458	2140.8275	186.842	124.57	269.36	2
5334	C8H16Br2	1,7-dibromooctane	---	7.91730	2157.7430	186.564	125.37	269.09	2
5335	C8H16Br2	1,8-dibromooctane	4549-32-0	6.97096	1865.6637	186.286	126.17	306.09	1,2
5336	C8H16Br2	2,2-dibromooctane	---	7.29717	1911.7088	191.012	112.57	273.52	2
5337	C8H16Br2	2,3-dibromooctane	---	7.33231	1925.6817	190.734	113.37	273.23	2
5338	C8H16Br2	2,4-dibromooctane	---	7.36789	1939.8253	190.456	114.17	272.95	2
5339	C8H16Br2	2,5-dibromooctane	---	7.40391	1954.1431	190.178	114.97	272.66	2
5340	C8H16Br2	2,6-dibromooctane	---	7.44040	1968.6382	189.900	115.77	272.38	2
5341	C8H16Br2	2,7-dibromooctane	---	7.47735	1983.3140	189.622	116.57	272.10	2
5342	C8H16Br2	4,5-dibromooctane	61539-75-1	7.51477	1998.1741	189.344	117.37	271.82	2
5343	C8H16Cl2	1,1-dichlorooctane	20395-24-8	7.32878	1867.0557	198.240	96.77	251.98	2
5344	C8H16Cl2	1,2-dichlorooctane	---	7.11858	1777.6464	197.962	92.57	253.59	2
5345	C8H16Cl2	1,3-dichlorooctane	---	7.15270	1790.7704	197.684	93.37	253.29	2
5346	C8H16Cl2	1,4-dichlorooctane	---	7.18725	1804.0551	197.406	94.17	253.00	2
5347	C8H16Cl2	1,5-dichlorooctane	---	7.22223	1817.5033	197.128	94.97	252.71	2
5348	C8H16Cl2	1,6-dichlorooctane	---	7.25766	1831.1184	196.850	95.77	252.41	2
5349	C8H16Cl2	1,7-dichlorooctane	---	7.29354	1844.9034	196.572	96.57	252.12	2
5350	C8H16Cl2	1,8-dichlorooctane	2162-99-4	6.93138	1771.4900	196.294	102.37	276.16	1,2
5351	C8H16Cl2	2,2-dichlorooctane	---	6.76945	1643.0820	201.020	83.77	256.97	2
5352	C8H16Cl2	2,3-dichlorooctane	21948-47-0	7.25691	1839.3213	198.796	95.17	252.56	2
5353	C8H16Cl2	2,4-dichlorooctane	---	7.05160	1751.8684	198.518	90.97	254.19	2
5354	C8H16Cl2	2,5-dichlorooctane	---	7.08489	1764.6800	198.240	91.77	253.89	2
5355	C8H16Cl2	2,6-dichlorooctane	---	7.11858	1777.6464	197.962	92.57	253.59	2
5356	C8H16Cl2	2,7-dichlorooctane	---	7.15270	1790.7704	197.684	93.37	253.29	2
5357	C8H16Cl2	2,5-dichloro-2,5-dimethylhexane	6223-78-5	6.98624	1726.6981	199.074	89.37	254.79	2
5358	C8H16Cl4O4Si	tetrakis(2-chloroethoxy)silane	18290-84-1	10.16340	4237.0000	273.150	173.85	333.73	3
5359	C8H16F2	1,1-difluorooctane	61350-03-6	6.72554	1491.8366	216.588	43.97	204.40	3
5360	C8H16F2	1,2-difluorooctane	---	6.75757	1503.1888	216.310	44.77	204.08	3

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mmHg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
5361	C8H16F2	1,3-difluorooctane	---	6.79001	1514.6810	216.032	45.57	203.76	3
5362	C8H16F2	1,4-difluorooctane	---	6.82287	1526.3159	215.754	46.37	203.44	3
5363	C8H16F2	1,5-difluorooctane	---	6.85615	1538.0962	215.476	47.17	203.13	3
5364	C8H16F2	1,6-difluorooctane	---	6.88986	1550.0247	215.198	47.97	202.82	3
5365	C8H16F2	1,7-difluorooctane	---	6.92401	1562.1044	214.920	48.77	202.51	3
5366	C8H16F2	1,8-difluorooctane	---	6.95861	1574.3382	214.642	49.57	202.21	3
5367	C8H16F2	2,2-difluorooctane	---	6.42601	1385.4672	219.368	35.97	207.70	3
5368	C8H16F2	2,3-difluorooctane	---	6.45436	1395.5537	219.090	36.77	207.36	3
5369	C8H16F2	2,4-difluorooctane	---	6.48305	1405.7566	218.812	37.57	207.02	3
5370	C8H16F2	2,5-difluorooctane	---	6.51208	1416.0781	218.534	38.37	206.68	3
5371	C8H16F2	2,6-difluorooctane	---	6.54147	1426.5204	218.256	39.17	206.35	3
5372	C8H16F2	2,7-difluorooctane	---	6.57122	1437.0856	217.978	39.97	206.02	3
5373	C8H16I2	1,1-diiodooctane	66225-22-7	7.35977	2173.6511	173.332	168.45	346.94	2
5374	C8H16I2	1,2-diiodooctane	---	7.42410	2202.3448	172.776	170.05	346.37	2
5375	C8H16I2	1,3-diiodooctane	---	7.48990	2231.6773	172.220	171.65	345.81	2
5376	C8H16I2	1,4-diiodooctane	---	7.55721	2261.6707	171.664	173.25	345.25	2
5377	C8H16I2	1,5-diiodooctane	---	7.62610	2292.3482	171.108	174.85	344.69	2
5378	C8H16I2	1,6-diiodooctane	---	7.69661	2323.7339	170.552	176.45	344.14	2
5379	C8H16I2	1,7-diiodooctane	---	7.76881	2355.8533	169.996	178.05	343.60	2
5380	C8H16I2	1,8-diiodooctane	24772-63-2	7.84275	2388.7329	169.440	179.65	343.06	2
5381	C8H16I2	2,2-diiodooctane	---	7.05849	2039.0560	176.112	160.45	349.87	2
5382	C8H16I2	2,3-diiodooctane	---	7.11618	2064.8550	175.556	162.05	349.27	2
5383	C8H16I2	2,4-diiodooctane	---	7.17510	2091.1959	175.000	163.65	348.68	2
5384	C8H16I2	2,5-diiodooctane	---	7.23532	2118.0964	174.444	165.25	348.10	2
5385	C8H16I2	2,6-diiodooctane	---	7.29686	2145.5750	173.888	166.85	347.51	2
5386	C8H16I2	2,7-diiodooctane	---	7.35977	2173.6511	173.332	168.45	346.94	2
5387	C8H16O	1-octanal	124-13-0	7.71096	1833.4103	208.526	64.67	196.28	1,2
5388	C8H16O	2-methylheptanal	16630-91-4	7.47605	1738.9507	210.750	57.77	194.20	2
5389	C8H16O	3-methylheptanal	27608-03-3	7.47605	1738.9507	210.750	57.77	194.20	2
5390	C8H16O	4-methylheptanal	---	7.47605	1738.9507	210.750	57.77	194.20	2
5391	C8H16O	5-methylheptanal	75579-88-3	7.47605	1738.9507	210.750	57.77	194.20	2
5392	C8H16O	6-methylheptanal	52738-99-5	7.47605	1738.9507	210.750	57.77	194.20	2
5393	C8H16O	2,2-dimethylhexanal	---	7.37199	1702.6927	211.445	55.77	194.91	2
5394	C8H16O	2,3-dimethylhexanal	---	7.22075	1649.9401	212.502	52.73	196.01	2
5395	C8H16O	2,4-dimethylhexanal	---	7.22075	1649.9401	212.502	52.73	196.01	2
5396	C8H16O	2,5-dimethylhexanal	---	7.22075	1649.9401	212.502	52.73	196.01	2
5397	C8H16O	2-ethylhexanal	123-05-7	7.56133	1757.0809	211.404	56.39	189.80	1,2
5398	C8H16O	2-propylpentanal	18295-59-5	7.38003	1706.3653	211.584	55.87	194.87	2
5399	C8H16O	2-octanone	111-13-7	7.41918	1728.3017	207.970	61.27	199.90	1,2
5400	C8H16O	3-octanone	106-68-3	7.47790	1725.5150	209.499	56.87	192.15	1,2
5401	C8H16O	4-octanone	589-63-9	7.29166	1661.1257	210.750	53.27	193.43	1,2
5402	C8H16O	3-methyl-2-heptanone	2371-19-9	7.67514	1765.8558	210.472	54.07	182.53	1,2
5403	C8H16O	4-methyl-2-heptanone	6137-06-0	7.32012	1661.5737	211.612	51.29	189.90	2
5404	C8H16O	5-methyl-2-heptanone	18217-12-4	7.57777	1739.5829	210.514	53.95	185.21	1,2
5405	C8H16O	6-methyl-2-heptanone	928-68-7	7.25658	1664.9277	209.638	56.47	198.96	1,2
5406	C8H16O	2-methyl-3-heptanone	13019-20-0	7.40062	1673.1868	212.140	49.27	184.46	1,2
5407	C8H16O	4-methyl-3-heptanone	6137-11-7	7.32012	1661.5737	211.612	51.29	189.90	2
5408	C8H16O	5-methyl-3-heptanone	541-85-5	7.33649	1657.0746	212.352	49.16	186.50	1,2
5409	C8H16O	6-methyl-3-heptanone	624-42-0	7.46216	1709.5156	210.472	54.07	188.92	2
5410	C8H16O	2-methyl-4-heptanone	626-33-5	7.40611	1661.2483	213.252	46.07	180.01	1,2
5411	C8H16O	3-methyl-4-heptanone	15726-15-5	7.28383	1648.2336	211.668	50.63	190.15	2
5412	C8H16O	5-methyl-4-heptanone	---	7.31200	1658.7778	211.668	51.13	189.96	2
5413	C8H16O	3,3-dimethyl-2-hexanone	26118-38-7	6.91563	1521.3943	214.392	42.79	193.07	2
5414	C8H16O	3,4-dimethyl-2-hexanone	19550-10-8	7.40062	1673.1868	212.140	49.27	184.46	1,2
5415	C8H16O	2,5-dimethyl-3-hexanone	1888-57-9	7.39296	1636.1446	215.059	40.87	173.47	1,2
5416	C8H16O	2,2-dimethyl-3-hexanone	5405-79-8	7.40033	1633.0214	215.476	39.67	171.63	1,2
5417	C8H16O	4,4-dimethyl-3-hexanone	19550-14-2	7.27001	1606.3162	214.920	41.27	178.00	1,2
5418	C8H16O	3-ethyl-4-methyl-2-pentanone	71172-57-1	7.42754	1668.4828	213.113	46.47	179.87	1,2
5419	C8H16O	3-ethyl-3-methyl-2-pentanone	19780-65-5	7.37442	1651.1994	213.405	45.63	180.43	1,2
5420	C8H16O	2,2,4-trimethyl-3-pentanone	5857-36-3	7.44040	1606.5990	218.507	30.95	158.76	1,2
5421	C8H16O	1-propylcyclopentanol	1604-02-0	5.99810	832.4444	93.492	73.06	202.09	1,2
5422	C8H16O	cis-2-propylcyclopentanol	25172-42-3	7.06155	1666.8835	211.031	63.96	218.61	2
5423	C8H16O	trans-2-propylcyclopentanol	25172-43-4	7.06155	1666.8835	211.031	63.96	218.61	2
5424	C8H16O	1,2,2-trimethylcyclopentanol	1121-95-5	6.85990	1593.1088	212.696	59.17	220.44	2
5425	C8H16O	1,2,4-trimethylcyclopentanol	34103-97-4	6.92554	1617.1405	212.140	60.77	219.82	2
5426	C8H16O	1,2,5-trimethylcyclopentanol	33840-38-9	7.06155	1666.8835	211.031	63.96	218.61	2
5427	C8H16O	1-ethylcyclohexanol	1940-18-7	7.87327	1876.9972	209.916	34.50	190.17	1,2
5428	C8H16O	2-ethylcyclohexanol	3760-20-1	6.87170	1591.1894	211.031	59.96	220.20	2
5429	C8H16O	cis-2-ethylcyclohexanol, (±)	116697-35-9	7.57709	1847.6104	205.746	75.17	214.62	2
5430	C8H16O	trans-2-ethylcyclohexanol, (±)	89886-25-9	6.87170	1591.1894	211.031	59.96	220.20	2
5431	C8H16O	cis-1,2-dimethylcyclohexanol	19879-11-9	6.87170	1591.1894	211.031	59.96	220.20	2
5432	C8H16O	trans-1,2-dimethyl cyclohexanol	19879-12-0	6.87170	1591.1894	211.031	59.96	220.20	2
5433	C8H16O	cis-1,3-dimethylcyclohexanol	15466-94-1	6.87170	1591.1894	211.031	59.96	220.20	2
5434	C8H16O	trans-1,3-dimethylcyclohexanol	15466-93-0	6.87170	1591.1894	211.031	59.96	220.20	2
5435	C8H16O	cis-1,4-dimethylcyclohexanol	16980-61-3	6.87170	1591.1894	211.031	59.96	220.20	2
5436	C8H16O	4-ethylcyclohexanol	4534-74-1	6.87170	1591.1894	211.031	59.96	220.20	2
5437	C8H16O	2,2-dimethylcyclohexanol	1193-46-0	7.41326	1788.1986	206.858	71.97	215.74	2
5438	C8H16O	2,4-dimethylcyclohexanol	69542-91-2	7.43324	1795.4488	206.719	72.37	215.60	2
5439	C8H16O	2,6-dimethylcyclohexanol	5337-72-4	7.37371	1773.8438	207.136	71.17	216.03	2
5440	C8H16O	3,3-dimethylcyclohexanol	767-12-4	7.97536	1974.0572	204.634	78.37	207.18	1,2

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mmHg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
5441	C8H16O	3,4-dimethylcyclohexanol	5715-23-1	7.86970	1958.4985	203.522	81.57	214.26	1,2
5442	C8H16O	3,5-dimethylcyclohexanol	5441-52-1	7.94088	1971.5454	204.078	79.97	210.20	1,2
5443	C8H16O	4,4-dimethylcyclohexanol	932-01-4	7.87015	1947.8678	204.356	79.17	211.12	1,2
5444	C8H16O	2,2-diethyltetrahydrofuran	1193-35-7	6.87281	1489.6171	215.476	38.17	188.11	2
5445	C8H16O	2-octen-1-ol	22104-78-5	7.64963	1923.8187	200.742	88.57	229.86	2
5446	C8H16O	cis-2-octen-1-ol	---	7.64963	1923.8187	200.742	88.57	229.86	2
5447	C8H16O	trans-2-octen-1-ol	18409-17-1	7.64963	1923.8187	200.742	88.57	229.86	2
5448	C8H16O	3-octen-1-ol	---	7.64963	1923.8187	200.742	88.57	229.86	2
5449	C8H16O	4-octen-1-ol	67700-26-9	7.62640	1914.4476	200.742	88.17	230.00	2
5450	C8H16O	trans-4-octen-1-ol	---	7.64963	1923.8187	200.742	88.57	229.86	2
5451	C8H16O	5-octen-1-ol	90200-83-2	7.64963	1923.8187	200.742	88.57	229.86	2
5452	C8H16O	trans-5-octen-1-ol	---	7.64963	1923.8187	200.742	88.57	229.86	2
5453	C8H16O	6-octen-1-ol	---	7.64963	1923.8187	200.742	88.57	229.86	2
5454	C8H16O	7-octen-1-ol	13175-44-5	7.64963	1923.8187	200.742	88.57	229.86	2
5455	C8H16O	1-methyl-2-hepten-1-ol	---	7.25678	1777.5028	203.522	80.57	232.68	2
5456	C8H16O	2-methyl-2-hepten-1-ol	---	7.25678	1777.5028	203.522	80.57	232.68	2
5457	C8H16O	3-methyl-2-hepten-1-ol	---	7.25678	1777.5028	203.522	80.57	232.68	2
5458	C8H16O	4-methyl-2-hepten-1-ol	---	7.25678	1777.5028	203.522	80.57	232.68	2
5459	C8H16O	5-methyl-2-hepten-1-ol	---	7.25678	1777.5028	203.522	80.57	232.68	2
5460	C8H16O	6-methyl-2-hepten-1-ol	---	7.25678	1777.5028	203.522	80.57	232.68	2
5461	C8H16O	1-methyl-3-hepten-1-ol	---	7.25678	1777.5028	203.522	80.57	232.68	2
5462	C8H16O	2-methyl-3-hepten-1-ol	---	7.25678	1777.5028	203.522	80.57	232.68	2
5463	C8H16O	3-methyl-3-hepten-1-ol	---	7.25678	1777.5028	203.522	80.57	232.68	2
5464	C8H16O	4-methyl-3-hepten-1-ol	---	7.25678	1777.5028	203.522	80.57	232.68	2
5465	C8H16O	5-methyl-3-hepten-1-ol	---	7.25678	1777.5028	203.522	80.57	232.68	2
5466	C8H16O	6-methyl-3-hepten-1-ol	---	7.25678	1777.5028	203.522	80.57	232.68	2
5467	C8H16O	cis-6-methyl-3-hepten-1-ol	56095-68-2	7.25678	1777.5028	203.522	80.57	232.68	2
5468	C8H16O	trans-6-methyl-3-hepten-1-ol	68900-88-9	7.25678	1777.5028	203.522	80.57	232.68	2
5469	C8H16O	1-methyl-4-hepten-1-ol	---	7.25678	1777.5028	203.522	80.57	232.68	2
5470	C8H16O	cis-1-methyl-4-hepten-1-ol	55968-41-7	7.25678	1777.5028	203.522	80.57	232.68	2
5471	C8H16O	2-methyl-4-hepten-1-ol	---	7.25678	1777.5028	203.522	80.57	232.68	2
5472	C8H16O	3-methyl-4-hepten-1-ol	---	7.25678	1777.5028	203.522	80.57	232.68	2
5473	C8H16O	4-methyl-4-hepten-1-ol	---	7.25678	1777.5028	203.522	80.57	232.68	2
5474	C8H16O	5-methyl-4-hepten-1-ol	---	7.25678	1777.5028	203.522	80.57	232.68	2
5475	C8H16O	6-methyl-4-hepten-1-ol	---	7.25678	1777.5028	203.522	80.57	232.68	2
5476	C8H16O	1-methyl-5-hepten-1-ol	---	7.25678	1777.5028	203.522	80.57	232.68	2
5477	C8H16O	2-methyl-5-hepten-1-ol	---	7.25678	1777.5028	203.522	80.57	232.68	2
5478	C8H16O	3-methyl-5-hepten-1-ol	---	7.25678	1777.5028	203.522	80.57	232.68	2
5479	C8H16O	4-methyl-5-hepten-1-ol	---	7.25678	1777.5028	203.522	80.57	232.68	2
5480	C8H16O	5-methyl-5-hepten-1-ol	---	7.25678	1777.5028	203.522	80.57	232.68	2
5481	C8H16O	6-methyl-5-hepten-1-ol	---	7.25678	1777.5028	203.522	80.57	232.68	2
5482	C8H16O	1-methyl-6-hepten-1-ol	---	7.25678	1777.5028	203.522	80.57	232.68	2
5483	C8H16O	2-methyl-6-hepten-1-ol	---	7.25678	1777.5028	203.522	80.57	232.68	2
5484	C8H16O	3-methyl-6-hepten-1-ol	4048-32-2	7.25678	1777.5028	203.522	80.57	232.68	2
5485	C8H16O	4-methyl-6-hepten-1-ol	---	7.25678	1777.5028	203.522	80.57	232.68	2
5486	C8H16O	5-methyl-6-hepten-1-ol	---	7.25678	1777.5028	203.522	80.57	232.68	2
5487	C8H16O	6-methyl-6-hepten-1-ol	---	7.25678	1777.5028	203.522	80.57	232.68	2
5488	C8H16O	2-methyl-3-hepten-2-ol	116668-45-2	6.91224	1648.7611	206.302	72.57	235.68	2
5489	C8H16O	2-methyl-4-hepten-2-ol	116668-44-1	6.91224	1648.7611	206.302	72.57	235.68	2
5490	C8H16O	2-methyl-6-hepten-2-ol	77437-98-0	6.91224	1648.7611	206.302	72.57	235.68	2
5491	C8H16O	3-methyl-4-hepten-3-ol	4048-30-0	6.91224	1648.7611	206.302	72.57	235.68	2
5492	C8H16O	4-methyl-1-hepten-4-ol	1186-31-8	6.89412	1641.3499	206.302	72.17	235.84	2
5493	C8H16O	4-methyl-4-hepten-3-ol	81280-12-8	6.91224	1648.7611	206.302	72.57	235.68	2
5494	C8H16O	5-methyl-2-hepten-4-ol	4048-31-1	6.91224	1648.7611	206.302	72.57	235.68	2
5495	C8H16O	6-methyl-2-hepten-4-ol	4798-62-3	6.91224	1648.7611	206.302	72.57	235.68	2
5496	C8H16O	6-methyl-5-hepten-2-ol	1569-60-4	6.89412	1641.3499	206.302	72.17	235.84	2
5497	C8H16O	1-octen-4-ol	40575-42-6	6.89412	1641.3499	206.302	72.17	235.84	2
5498	C8H16O	2-octen-4-ol	4798-61-2	6.89412	1641.3499	206.302	72.17	235.84	2
5499	C8H16O	DL-6-methyl-5-hepten-2-ol	4630-06-2	6.91224	1648.7611	206.302	72.57	235.68	2
5500	C8H16O2	2,2-dimethyl-4-hexen-3-ol	37674-67-2	6.60762	1534.5393	209.082	64.57	238.86	2
5501	C8H16O2	2,5-dimethyl-4-hexen-3-ol	60703-31-3	6.59143	1527.8710	209.082	64.17	239.03	2
5502	C8H16O2	3,5-dimethyl-1-hexen-3-ol	3329-48-4	6.59143	1527.8710	209.082	64.17	239.03	2
5503	C8H16O2	3,5-dimethyl-4-hexen-3-ol	1569-43-3	6.60762	1534.5393	209.082	64.57	238.86	2
5504	C8H16O2	6-methyl-6-hepten-2-ol	1335-09-7	6.59143	1527.8710	209.082	64.17	239.03	2
5505	C8H16O2	1-octen-3-ol	3391-86-4	6.78909	1602.6316	207.387	69.45	236.89	2
5506	C8H16O2	hexyl vinyl ether	5363-64-4	7.58523	1692.9334	216.310	40.77	168.15	1,2
5507	C8H16O2	octanoic acid	124-07-2	7.62026	1889.4797	161.821	123.59	263.89	1,2
5508	C8H16O2	2-methylheptanoic acid	1188-02-9	7.69617	2028.7541	192.402	110.57	257.00	2
5509	C8H16O2	3-methylheptanoic acid	---	7.69617	2028.7541	192.402	110.57	257.00	2
5510	C8H16O2	4-methylheptanoic acid	3302-03-2	7.69617	2028.7541	192.402	110.57	257.00	2
5511	C8H16O2	5-methylheptanoic acid	---	7.69617	2028.7541	192.402	110.57	257.00	2
5512	C8H16O2	6-methylheptanoic acid	25103-52-0	7.69617	2028.7541	192.402	110.57	257.00	2
5513	C8H16O2	2,2-dimethylhexanoic acid	813-72-9	7.27792	1865.9887	195.460	101.77	260.09	2
5514	C8H16O2	2,3-dimethylhexanoic acid	---	7.31354	1879.8702	195.182	102.57	259.81	2
5515	C8H16O2	2,4-dimethylhexanoic acid	70621-82-8	7.31354	1879.8702	195.182	102.57	259.81	2
5516	C8H16O2	2,5-dimethylhexanoic acid	---	7.31354	1879.8702	195.182	102.57	259.81	2
5517	C8H16O2	2-ethylhexanoic acid	149-57-5	7.76303	2012.7911	184.220	113.40	255.14	1,2
5518	C8H16O2	3-ethylhexanoic acid	41065-91-2	7.65559	2012.9865	192.680	109.77	257.27	2
5519	C8H16O2	4-ethylhexanoic acid	6299-66-7	7.65559	2012.9865	192.680	109.77	257.27	2
5520	C8H16O2	2-propylpentanoic acid	99-66-1	9.63762	2736.8931	185.008	131.85	238.94	1,2

Table 1 Vapor Pressure – Organic Compounds

log ₁₀ P = A - B/(T + C) (P - mmHg, T - C)									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
5521	C8H16O2	heptyl formate	112-23-2	7.57351	1806.5873	206.858	67.97	204.51	1,2
5522	C8H16O2	1-methylhexyl formate	---	7.74464	1811.6662	209.638	58.97	187.41	2
5523	C8H16O2	2-methylhexyl formate	---	7.74464	1811.6662	209.638	58.97	187.41	2
5524	C8H16O2	3-methylhexyl formate	---	7.74464	1811.6662	209.638	58.97	187.41	2
5525	C8H16O2	4-methylhexyl formate	---	7.74464	1811.6662	209.638	58.97	187.41	2
5526	C8H16O2	5-methylhexyl formate	---	7.74464	1811.6662	209.638	58.97	187.41	2
5527	C8H16O2	1,1-dimethylpentyl formate	---	7.30906	1661.7315	212.418	50.97	190.21	2
5528	C8H16O2	1,2-dimethylpentyl formate	---	7.30906	1661.7315	212.418	50.97	190.21	2
5529	C8H16O2	1,3-dimethylpentyl formate	---	7.30906	1661.7315	212.418	50.97	190.21	2
5530	C8H16O2	1,4-dimethylpentyl formate	---	7.30906	1661.7315	212.418	50.97	190.21	2
5531	C8H16O2	1-ethylpentyl formate	---	7.47559	1719.1165	211.306	54.17	189.07	2
5532	C8H16O2	2-ethylpentyl formate	---	7.47559	1719.1165	211.306	54.17	189.07	2
5533	C8H16O2	3-ethylpentyl formate	---	7.47559	1719.1165	211.306	54.17	189.07	2
5534	C8H16O2	4-ethylpentyl formate	---	7.47559	1719.1165	211.306	54.17	189.07	2
5535	C8H16O2	hexyl acetate	142-92-7	7.57602	1775.9022	208.387	61.67	195.76	1,2
5536	C8H16O2	1-methylpentyl acetate	5953-49-1	6.94928	1537.4695	215.059	43.37	193.03	2
5537	C8H16O2	2-methylpentyl acetate	7789-99-3	7.50789	1728.6280	210.750	54.87	188.84	2
5538	C8H16O2	3-methylpentyl acetate	35897-13-3	7.47559	1719.1165	211.306	54.17	189.07	2
5539	C8H16O2	4-methylpentyl acetate	---	7.47559	1719.1165	211.306	54.17	189.07	2
5540	C8H16O2	1,1-dimethylbutyl acetate	34859-98-8	7.10404	1589.4935	213.530	46.87	191.73	2
5541	C8H16O2	1,2-dimethylbutyl acetate	---	7.07638	1581.4158	214.086	46.17	191.97	2
5542	C8H16O2	1,3-dimethylbutyl acetate	108-84-9	7.47872	1667.5767	215.132	42.26	172.96	1,2
5543	C8H16O2	1-ethylbutyl acetate	---	7.22931	1634.2238	212.974	49.37	190.79	2
5544	C8H16O2	2-ethylbutyl acetate	10031-87-5	7.66230	1767.9028	210.889	54.47	183.69	1,2
5545	C8H16O2	3-ethylbutyl acetate	---	7.22931	1634.2238	212.974	49.37	190.79	2
5546	C8H16O2	2-methyl-3-pentyl acetate	35897-16-6	6.95768	1538.9421	214.642	43.67	192.93	2
5547	C8H16O2	3-methyl-3-pentyl acetate	10250-47-2	6.92231	1526.7142	214.920	42.87	193.24	2
5548	C8H16O2	pentyl propanoate	624-54-4	7.43753	1721.5363	209.152	58.27	195.37	1,2
5549	C8H16O2	1-methylbutyl propanoate	54004-43-2	6.89448	1515.3623	214.712	42.37	193.45	2
5550	C8H16O2	2-methylbutyl propanoate	2438-20-2	6.89448	1515.3623	214.712	42.37	193.45	2
5551	C8H16O2	3-methylbutyl propanoate	105-68-0	7.39652	1681.3538	211.584	51.27	187.34	1,2
5552	C8H16O2	1,1-dimethylpropyl propanoate	34949-22-9	6.56812	1402.3957	217.492	34.37	196.65	2
5553	C8H16O2	1,2-dimethylpropyl propanoate	66576-70-3	6.56812	1402.3957	217.492	34.37	196.65	2
5554	C8H16O2	2,2-dimethylpropyl propanoate	3581-69-9	6.56812	1402.3957	217.492	34.37	196.65	2
5555	C8H16O2	1-ethylpropyl propanoate	---	6.69366	1445.9032	216.380	37.57	195.35	2
5556	C8H16O2	2-ethylpropyl propanoate	---	6.69366	1445.9032	216.380	37.57	195.35	2
5557	C8H16O2	butyl butanoate	109-21-7	7.34436	1678.4911	210.194	54.37	193.05	1,2
5558	C8H16O2	1-methylpropyl butanoate	819-97-6	7.38963	1647.1077	213.808	43.97	177.63	1,2
5559	C8H16O2	2-methylpropyl butanoate	539-90-2	7.37873	1660.6149	212.446	47.89	183.23	1,2
5560	C8H16O2	sec-butyl butanoate, (S)	116836-55-6	6.95952	1536.2349	213.808	43.97	192.85	2
5561	C8H16O2	1,1-dimethylethyl butanoate	2308-38-5	7.34526	1582.6755	218.256	31.17	161.88	1,2
5562	C8H16O2	butyl isobutanoate	97-87-0	7.12141	1593.6752	212.974	47.37	191.56	2
5563	C8H16O2	1-methylpropyl isobutanoate	23412-21-7	6.66963	1437.5823	216.588	36.97	195.59	2
5564	C8H16O2	2-methylpropyl isobutanoate	97-85-8	6.80355	1482.3971	215.059	40.37	194.25	2
5565	C8H16O2	1,1-dimethylethyl isobutanoate	---	6.22508	1283.1324	220.842	24.73	200.79	2
5566	C8H16O2	propyl pentanoate	141-06-0	7.37848	1695.8421	209.499	56.37	194.60	1,2
5567	C8H16O2	isopropyl pentanoate	18362-97-5	7.21779	1626.8802	212.279	49.37	190.82	2
5568	C8H16O2	propyl isopentanoate	557-00-6	7.40129	1665.1498	212.557	47.57	182.08	1,2
5569	C8H16O2	isopropyl isopentanoate	32665-23-9	6.62494	1420.6261	216.588	35.97	196.01	2
5570	C8H16O2	propyl sec-pentanoate	---	7.21779	1626.8802	212.279	49.37	190.82	2
5571	C8H16O2	isopropyl sec-pentanoate	---	6.85133	1500.4523	215.059	41.37	193.84	2
5572	C8H16O2	propyl tert-pentanoate	---	6.85133	1500.4523	215.059	41.37	193.84	2
5573	C8H16O2	isopropyl tert-pentanoate	---	6.53016	1389.2268	217.839	33.37	197.06	2
5574	C8H16O2	ethyl hexanoate	123-66-0	7.33798	1683.4213	209.638	55.97	195.41	1,2
5575	C8H16O2	ethyl 4-methylpentanoate	25415-67-2	7.38373	1682.2419	210.750	52.77	189.60	2
5576	C8H16O2	methyl heptanoate	106-73-0	7.46474	1740.7108	207.692	61.57	198.74	1,2
5577	C8H16O4	diethylene glycol ethyl ether acetate	112-15-2	8.15813	2530.2759	262.062	91.42	246.40	1,2
5578	C8H16S	thiacyclononane	6007-54-1	6.76680	1632.6641	197.200	85.91	258.22	3
5579	C8H17Br	1-bromooctane	111-83-1	7.56896	1880.3766	200.242	86.01	228.37	1,2
5580	C8H17Br	2-bromooctane	---	7.42955	1799.1880	203.661	76.17	219.91	2
5581	C8H17Br	2-bromooctane, (±)-	60251-57-2	7.56412	1836.8476	203.661	76.17	215.49	1,2
5582	C8H17Br	3-bromooctane	---	7.42955	1799.1880	203.661	76.17	219.91	2
5583	C8H17Br	1-bromo-2-ethylhexane	18908-66-2	7.28547	1746.7311	204.690	73.21	220.97	2
5584	C8H17Br	4-bromooctane	---	7.42955	1799.1880	203.661	76.17	219.91	2
5585	C8H17Br	1-bromo-2-methylheptane	---	7.52288	1833.1379	203.022	78.01	219.26	2
5586	C8H17Br	1-bromo-3-methylheptane	---	7.52288	1833.1379	203.022	78.01	219.26	2
5587	C8H17Br	1-bromo-4-methylheptane	---	7.52288	1833.1379	203.022	78.01	219.26	2
5588	C8H17Br	1-bromo-5-methylheptane	---	7.52288	1833.1379	203.022	78.01	219.26	2
5589	C8H17Br	1-bromo-6-methylheptane	---	7.52288	1833.1379	203.022	78.01	219.26	2
5590	C8H17Br	2-bromo-2-methylheptane	---	7.13758	1692.8185	205.802	70.01	222.14	2
5591	C8H17Br	2-bromo-3-methylheptane	---	7.13758	1692.8185	205.802	70.01	222.14	2
5592	C8H17Br	2-bromo-4-methylheptane	---	7.13758	1692.8185	205.802	70.01	222.14	2
5593	C8H17Br	2-bromo-5-methylheptane	---	7.13758	1692.8185	205.802	70.01	222.14	2
5594	C8H17Br	2-bromo-6-methylheptane	---	7.13758	1692.8185	205.802	70.01	222.14	2
5595	C8H17Br	3-bromo-2-methylheptane	---	7.13758	1692.8185	205.802	70.01	222.14	2
5596	C8H17Br	3-bromo-3-methylheptane	---	7.13758	1692.8185	205.802	70.01	222.14	2
5597	C8H17Br	3-bromo-4-methylheptane	---	7.13758	1692.8185	205.802	70.01	222.14	2
5598	C8H17Br	3-bromo-5-methylheptane	---	7.13758	1692.8185	205.802	70.01	222.14	2
5599	C8H17Br	3-bromo-6-methylheptane	---	7.13758	1692.8185	205.802	70.01	222.14	2
5600	C8H17Br	2-bromo-2,5-dimethylhexane	---	7.21054	1719.4252	205.246	71.61	221.55	2

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mmHg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
5601	C8H17Br	3-bromo-2,3-dimethylhexane	---	7.21054	1719.4252	205.246	71.61	221.55	2
5602	C8H17Cl	1-chlorooctane	111-85-3	7.83977	1902.8618	205.060	73.15	203.46	2
5603	C8H17Cl	2-chlorooctane	628-61-5	7.62455	1803.3248	208.248	63.97	197.66	1,2
5604	C8H17Cl	(S)-2-chlorooctane	16844-08-9	7.29195	1706.6559	208.234	63.01	207.00	2
5605	C8H17Cl	(<+>)-2-chlorooctane	51261-14-4	7.62018	1802.3065	208.234	64.01	197.84	1,2
5606	C8H17Cl	3-chlorooctane	---	7.29000	1705.9629	208.248	62.97	207.01	2
5607	C8H17Cl	4-chlorooctane	---	7.29000	1705.9629	208.248	62.97	207.01	2
5608	C8H17Cl	1-chloro-2-methylheptane	---	7.32925	1719.9111	207.970	63.77	206.73	2
5609	C8H17Cl	1-chloro-3-methylheptane	---	7.32925	1719.9111	207.970	63.77	206.73	2
5610	C8H17Cl	1-chloro-4-methylheptane	---	7.32925	1719.9111	207.970	63.77	206.73	2
5611	C8H17Cl	1-chloro-5-methylheptane	---	7.32925	1719.9111	207.970	63.77	206.73	2
5612	C8H17Cl	1-chloro-6-methylheptane	---	7.32925	1719.9111	207.970	63.77	206.73	2
5613	C8H17Cl	2-chloro-2-methylheptane	4325-49-9	6.92546	1576.1613	211.028	54.97	210.00	2
5614	C8H17Cl	2-chloro-3-methylheptane	---	6.92546	1576.1613	211.028	54.97	210.00	2
5615	C8H17Cl	2-chloro-4-methylheptane	---	6.92546	1576.1613	211.028	54.97	210.00	2
5616	C8H17Cl	2-chloro-5-methylheptane	---	6.92546	1576.1613	211.028	54.97	210.00	2
5617	C8H17Cl	2-chloro-6-methylheptane	2350-19-8	6.92546	1576.1613	211.028	54.97	210.00	2
5618	C8H17Cl	3-chloro-2-methylheptane	---	6.92546	1576.1613	211.028	54.97	210.00	2
5619	C8H17Cl	3-chloro-3-methylheptane	5272-02-6	6.92546	1576.1613	211.028	54.97	210.00	2
5620	C8H17Cl	3-chloro-4-methylheptane	---	6.92546	1576.1613	211.028	54.97	210.00	2
5621	C8H17Cl	3-chloro-5-methylheptane	---	6.92546	1576.1613	211.028	54.97	210.00	2
5622	C8H17Cl	3-chloro-6-methylheptane	---	6.92546	1576.1613	211.028	54.97	210.00	2
5623	C8H17Cl	2-chloro-2,5-dimethylhexane	29342-44-7	7.10164	1638.9502	209.638	58.97	208.48	2
5624	C8H17Cl	3-chloro-2,3-dimethylhexane	101654-30-2	7.10164	1638.9502	209.638	58.97	208.48	2
5625	C8H17Cl	4-chloro-4-methylheptane	61764-94-1	7.10164	1638.9502	209.638	58.97	208.48	2
5626	C8H17Cl	3-(chloromethyl)heptane	123-04-6	7.34484	1727.1820	208.248	63.97	206.64	2
5627	C8H17Cl	2-chloro-2,4,4-trimethylpentane	6111-88-2	7.10164	1638.9502	209.638	58.97	208.48	2
5628	C8H17Cl	2-ethylhexyl-6-chloride	2350-24-5	7.29000	1705.9629	208.248	62.97	207.01	2
5629	C8H17ClO4	11-chloro-3,6,9-trioxa-1-undecanol	5197-66-0	8.32312	3153.8568	274.170	109.85	339.27	3
5630	C8H17Cl2N	2,2'-dichloro-N-butyl-diethylamine	42520-97-8	5.41018	1511.3076	273.150	69.54	405.07	3
5631	C8H17Cl2N	N-tert-butylbis(2-chloroethyl)amine	10125-86-7	6.05218	1894.9010	273.150	101.92	387.02	3
5632	C8H17Cl2N	N-isobutylbis(2-chloroethyl)amine	87289-70-1	6.03481	1884.5213	273.150	101.15	387.40	3
5633	C8H17Cl2N	N-(sec-butyl)bis(2-chloroethyl)amine	900000-28-4	6.18459	1974.0176	273.150	107.60	384.25	3
5634	C8H17F	1-fluorooctane	463-11-6	7.21529	1558.2665	216.505	34.21	169.83	1,2
5635	C8H17F	1-fluorooctane	---	6.67283	1391.7629	219.368	25.97	179.30	2
5636	C8H17F	2-fluorooctane	---	6.67283	1391.7629	219.368	25.97	179.30	2
5637	C8H17F	3-fluorooctane	---	6.67283	1391.7629	219.368	25.97	179.30	2
5638	C8H17F	4-fluorooctane	---	6.67283	1391.7629	219.368	25.97	179.30	2
5639	C8H17F	1-fluoro-2-methylheptane	---	6.67283	1391.7629	219.368	25.97	179.30	2
5640	C8H17F	1-fluoro-3-methylheptane	---	6.67283	1391.7629	219.368	25.97	179.30	2
5641	C8H17F	1-fluoro-4-methylheptane	---	6.67283	1391.7629	219.368	25.97	179.30	2
5642	C8H17F	1-fluoro-5-methylheptane	---	6.67283	1391.7629	219.368	25.97	179.30	2
5643	C8H17F	1-fluoro-6-methylheptane	---	6.67283	1391.7629	219.368	25.97	179.30	2
5644	C8H17F	2-fluoro-2-methylheptane	---	6.36321	1287.8042	222.148	17.97	182.65	2
5645	C8H17F	2-fluoro-3-methylheptane	---	6.36321	1287.8042	222.148	17.97	182.65	2
5646	C8H17F	2-fluoro-4-methylheptane	---	6.36321	1287.8042	222.148	17.97	182.65	2
5647	C8H17F	2-fluoro-5-methylheptane	---	6.36321	1287.8042	222.148	17.97	182.65	2
5648	C8H17F	2-fluoro-6-methylheptane	---	6.36321	1287.8042	222.148	17.97	182.65	2
5649	C8H17F	3-fluoro-2-methylheptane	---	6.36321	1287.8042	222.148	17.97	182.65	2
5650	C8H17F	3-fluoro-3-methylheptane	---	6.36321	1287.8042	222.148	17.97	182.65	2
5651	C8H17F	3-fluoro-4-methylheptane	---	6.36321	1287.8042	222.148	17.97	182.65	2
5652	C8H17F	3-fluoro-5-methylheptane	---	6.36321	1287.8042	222.148	17.97	182.65	2
5653	C8H17F	3-fluoro-6-methylheptane	---	6.36321	1287.8042	222.148	17.97	182.65	2
5654	C8H17F	2-fluoro-2,5-dimethylhexane	---	6.36321	1287.8042	222.148	17.97	182.65	2
5655	C8H17F	3-fluoro-2,3-dimethylhexane	---	6.36321	1287.8042	222.148	17.97	182.65	2
5656	C8H17I	1-iodooctane	629-27-6	7.30036	1851.9379	193.484	100.46	256.18	1,2
5657	C8H17I	2-iodooctane	557-36-8	7.21931	1779.0590	197.684	88.37	242.95	2
5658	C8H17I	2-iodooctane, (±)	36049-78-2	7.21931	1779.0590	197.684	88.37	242.95	2
5659	C8H17I	3-iodooctane	---	7.21931	1779.0590	197.684	88.37	242.95	2
5660	C8H17I	4-iodooctane	---	7.21931	1779.0590	197.684	88.37	242.95	2
5661	C8H17I	1-iodo-2-methylheptane	---	7.40481	1848.8412	196.294	92.37	241.51	2
5662	C8H17I	1-iodo-3-methylheptane	---	7.40481	1848.8412	196.294	92.37	241.51	2
5663	C8H17I	1-iodo-4-methylheptane	---	7.40481	1848.8412	196.294	92.37	241.51	2
5664	C8H17I	1-iodo-5-methylheptane	---	7.40481	1848.8412	196.294	92.37	241.51	2
5665	C8H17I	1-iodo-6-methylheptane	---	7.40481	1848.8412	196.294	92.37	241.51	2
5666	C8H17I	2-iodo-2-methylheptane	---	7.04539	1713.5312	199.074	84.37	244.44	2
5667	C8H17I	2-iodo-3-methylheptane	---	7.04539	1713.5312	199.074	84.37	244.44	2
5668	C8H17I	2-iodo-4-methylheptane	---	7.04539	1713.5312	199.074	84.37	244.44	2
5669	C8H17I	2-iodo-5-methylheptane	---	7.04539	1713.5312	199.074	84.37	244.44	2
5670	C8H17I	2-iodo-6-methylheptane	---	7.04539	1713.5312	199.074	84.37	244.44	2
5671	C8H17I	3-iodo-2-methylheptane	---	7.04539	1713.5312	199.074	84.37	244.44	2
5672	C8H17I	3-iodo-3-methylheptane	---	7.04539	1713.5312	199.074	84.37	244.44	2
5673	C8H17I	3-iodo-4-methylheptane	---	7.04539	1713.5312	199.074	84.37	244.44	2
5674	C8H17I	3-iodo-5-methylheptane	---	7.04539	1713.5312	199.074	84.37	244.44	2
5675	C8H17I	3-iodo-6-methylheptane	---	7.04539	1713.5312	199.074	84.37	244.44	2
5676	C8H17I	2-iodo-2,5-dimethylhexane	---	6.72825	1593.7375	201.854	76.37	247.54	2
5677	C8H17I	3-iodo-2,3-dimethylhexane	---	6.72825	1593.7375	201.854	76.37	247.54	2
5678	C8H17I	1-iodo-2-ethylhexane	1653-16-3	6.88201	1651.8711	200.464	80.37	245.97	2
5679	C8H17N	cyclohexyldimethylamine	98-94-2	7.28602	1628.0680	211.028	47.97	185.66	1,2
5680	C8H17N	cyclohexylethylamine	5459-93-8	7.15310	1600.0657	210.472	49.57	192.44	1,2

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mmHg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
5681	C8H17N	N,4-dimethylcyclohexylamine	90226-23-6	8.60788	2105.4517	201.576	75.17	186.45	2
5682	C8H17N	2-ethylcyclohexanamine	6850-36-8	7.33307	1668.3546	208.665	54.77	193.23	2
5683	C8H17N	1-isopropylpiperidine	766-79-0	6.87720	1480.8985	214.503	37.47	186.24	2
5684	C8H17N	1-propylpiperidine	5470-02-0	7.09101	1541.1306	213.947	39.07	180.29	1,2
5685	C8H17N	2-propylpiperidine, (S)	458-88-8	7.55388	1709.5617	209.777	51.07	181.24	2
5686	C8H17N	4-propylpiperidine	22398-09-0	8.01434	1864.4557	207.136	58.67	178.68	2
5687	C8H17N	2,2,4-trimethylpiperidine	101257-71-0	6.82487	1463.1519	214.920	36.27	186.71	2
5688	C8H17N	2,3,6-trimethylpiperidine	50402-72-7	7.57488	1715.7308	209.455	51.50	181.10	2
5689	C8H17N	2,4,6-trimethylpiperidine	21974-48-1	6.72330	1428.6744	215.754	-1.00	187.66	2
5690	C8H17N	(S)-(+)-1-cyclohexylethylamine	17430-98-7	7.21941	1629.1912	209.455	52.50	194.05	2
5691	C8H17N	2,3-dimethylcyclohexylamine	42195-92-6	7.14749	1582.5619	211.862	45.57	187.21	1,2
5692	C8H17N	R-(-)-cyclohexylethylamine	5913-13-3	7.21941	1629.1912	209.455	52.50	194.05	2
5693	C8H17N	4-(1-methylethyl)piperidine	19678-58-1	7.69427	1756.8409	208.929	53.51	180.40	2
5694	C8H17N	cyclohexaneethylamine	4442-85-7	7.21941	1629.1912	209.455	52.50	194.05	2
5695	C8H17N	5-ethyl-2-methylpiperidine	104-89-2	7.57488	1715.7308	209.455	51.50	181.10	2
5696	C8H17N	N-methyl-N-(cyclohexylmethyl) amine	25756-29-0	7.21941	1629.1912	209.455	52.50	194.05	2
5697	C8H17N	2,2,5,5-tetramethylpyrrolidine	4567-22-0	7.87481	1971.1966	198.657	88.07	221.37	3
5698	C8H17NO	N,N-dipropylacetamide	1116-24-1	8.00604	2044.3143	197.823	93.97	225.94	2
5699	C8H17NO	N,N-diisopropylacetamide	759-22-8	7.62527	1886.5223	201.576	83.17	222.99	1,2
5700	C8H17NO2	1-nitrooctane	629-37-8	8.48208	2241.1705	191.568	107.97	231.27	1,2
5701	C8H17NO2	2-nitrooctane, (±)	116836-12-5	6.56896	1597.2575	198.345	88.47	273.22	2
5702	C8H17NO3	octyl nitrate	629-39-0	6.66730	1582.2542	201.340	77.85	252.62	2
5703	C8H18	octane	111-65-9	7.14535	1498.9589	225.874	18.04	152.32	1,2
5704	C8H18	2-methylheptane	592-27-8	7.12709	1473.8408	229.440	11.10	144.13	1,2
5705	C8H18	3-methylheptane	589-81-1	7.12293	1477.4843	229.359	11.94	145.53	1,2
5706	C8H18	4-methylheptane	589-53-7	7.12417	1473.5116	229.542	11.06	144.23	1,2
5707	C8H18	2,2-dimethylhexane	590-73-8	7.05852	1411.4694	231.017	1.96	133.08	1,2
5708	C8H18	2,3-dimethylhexane	584-94-1	7.04189	1411.4295	223.588	10.02	142.06	1,2
5709	C8H18	2,3-dimethylhexane	590-73-8	7.53255	1577.3784	224.094	17.37	138.46	1,2
5710	C8H18	2,4-dimethylhexane	589-43-5	7.01809	1378.8416	223.843	5.27	135.58	1,2
5711	C8H18	2,5-dimethylhexane	592-13-2	7.05401	1400.9060	226.581	4.82	135.21	1,2
5712	C8H18	3,3-dimethylhexane	563-16-6	7.06105	1441.0648	232.763	5.00	138.72	1,2
5713	C8H18	3,4-dimethylhexane	583-48-2	7.03917	1420.6084	223.898	11.33	144.39	1,2
5714	C8H18	2,2,3-trimethylpentane	564-02-3	7.02221	1416.5810	232.214	3.01	136.65	1,2
5715	C8H18	2,2,4-trimethylpentane	540-84-1	6.99021	1358.7529	231.405	-4.58	125.38	1,2
5716	C8H18	2,3,3-trimethylpentane	560-21-4	7.03244	1443.8642	233.013	6.34	141.96	1,2
5717	C8H18	2,3,4-trimethylpentane	565-75-3	7.07131	1452.8173	233.223	6.07	140.30	1,2
5718	C8H18	2,2,3,3-tetramethylbutane	594-82-1	6.59812	1093.3880	187.845	7.47	132.21	1,2
5719	C8H18	3-ethylhexane	619-99-8	7.05503	1420.1155	221.671	12.86	144.98	1,2
5720	C8H18	3-ethyl-2-methylpentane	609-26-7	6.99889	1385.9646	220.906	10.13	142.19	1,2
5721	C8H18	3-methyl-3-ethylpentane	1067-08-9	7.04885	1456.8068	231.249	9.59	145.48	1,2
5722	C8H18N2	1,4-diethylpiperazine	6483-50-7	5.76266	1260.1439	212.418	8.75	275.86	3
5723	C8H18O	1-octanol	111-87-5	7.17403	1540.2132	163.905	85.56	221.90	1,2
5724	C8H18O	2-octanol	123-96-6	6.99110	1419.6080	165.530	71.42	207.14	1,2
5725	C8H18O	2-octanol, (±)	4128-31-8	8.13018	2013.5226	206.024	76.37	200.88	1,2
5726	C8H18O	(R)-(-)-2-octanol	5978-70-1	8.04302	1973.2849	207.206	72.97	198.72	1,2
5727	C8H18O	(S)-(+)-2-octanol	6169-06-8	8.00944	1971.7427	206.608	74.69	201.82	1,2
5728	C8H18O	3-octanol	589-98-0	8.21394	2084.6680	219.928	69.05	194.35	2
5729	C8H18O	4-octanol	589-62-8	7.92200	1750.0127	176.181	76.64	193.01	2
5730	C8H18O	4-octanol, (±)	74778-22-6	8.28817	2044.0609	207.053	73.41	193.25	2
5731	C8H18O	2-methyl-1-heptanol	60435-70-3	8.37257	2354.3721	253.710	65.63	199.86	1,2
5732	C8H18O	2-methyl-1-heptanol, (±)	111675-77-5	8.25030	2030.7909	207.248	72.85	193.42	2
5733	C8H18O	3-methyl-1-heptanol	1070-32-2	8.26710	2314.7536	243.950	74.58	211.24	1,2
5734	C8H18O	4-methyl-1-heptanol	817-91-4	8.27760	2301.0311	243.671	72.51	207.89	1,2
5735	C8H18O	5-methyl-1-heptanol	7212-53-5	8.15857	2077.1200	211.061	79.10	206.31	1,2
5736	C8H18O	5-methyl-1-heptanol, (±)	111767-95-4	8.90028	2258.2123	204.190	81.65	190.71	2
5737	C8H18O	6-methyl-1-heptanol	1653-40-3	7.70855	1771.9970	180.045	84.10	211.41	1,2
5738	C8H18O	2-methyl-2-heptanol	625-25-2	7.37738	1514.4821	177.959	59.52	183.02	1,2
5739	C8H18O	3-methyl-2-heptanol	31367-46-1	8.46118	2458.2998	274.376	55.10	191.27	1,2
5740	C8H18O	4-methyl-2-heptanol	56298-90-9	7.90737	1943.3557	214.918	66.43	196.33	1,2
5741	C8H18O	5-methyl-2-heptanol	54630-50-1	8.14773	2171.0159	240.298	63.44	196.89	1,2
5742	C8H18O	6-methyl-2-heptanol	4730-22-7	7.76001	1805.5776	198.206	68.89	196.18	1,2
5743	C8H18O	2-methyl-3-heptanol	18720-62-2	8.25511	1982.5045	209.037	64.22	181.74	1,2
5744	C8H18O	2-methyl-3-heptanol, (±)	100296-26-2	7.84160	1887.3875	209.499	66.37	195.54	2
5745	C8H18O	3-methyl-3-heptanol	5582-82-1	7.03957	1416.3462	170.719	63.79	196.43	1,2
5746	C8H18O	4-methyl-3-heptanol	14979-39-6	8.62789	2553.1278	289.248	45.46	179.56	1,2
5747	C8H18O	5-methyl-3-heptanol	18720-65-5	8.03282	1968.7416	228.731	51.21	177.11	1,2
5748	C8H18O	6-methyl-3-heptanol	18720-66-6	7.49954	1767.0677	211.626	60.25	197.64	2
5749	C8H18O	6-methyl-3-heptanol, (±)	100295-85-0	7.91342	1912.6136	209.082	67.57	195.14	2
5750	C8H18O	2-methyl-4-heptanol	21570-35-4	7.73296	1765.5607	197.572	64.65	190.37	1,2
5751	C8H18O	3-methyl-4-heptanol	1838-73-9	8.18422	2342.7485	271.744	54.35	196.58	1,2
5752	C8H18O	3-methyl-4-heptanol, (R*,S*)-(±)	92737-91-2	7.59179	1799.5476	211.028	61.97	197.04	2
5753	C8H18O	4-methyl-4-heptanol	598-01-6	7.52830	1595.5725	182.270	62.14	184.83	1,2
5754	C8H18O	2-ethyl-1-hexanol	104-76-7	7.12380	1478.1279	165.520	75.85	209.45	1,2
5755	C8H18O	3-ethyl-1-hexanol	41065-95-6	8.48711	2113.7312	206.066	76.25	192.36	2
5756	C8H18O	4-ethyl-1-hexanol	---	8.48711	2113.7312	206.066	76.25	192.36	2
5757	C8H18O	2,2-dimethyl-1-hexanol	2370-13-0	7.26728	1420.6021	151.360	75.31	196.36	1,2
5758	C8H18O	2,3-dimethyl-1-hexanol	---	8.15749	1998.2575	207.734	71.45	193.87	2
5759	C8H18O	2,4-dimethyl-1-hexanol	3965-59-1	8.35401	2462.9402	273.000	61.91	203.19	1,2
5760	C8H18O	2,5-dimethyl-1-hexanol	6886-16-4	8.87295	2660.2821	273.000	64.90	194.45	2

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mmHg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
5761	C8H18O	3,3-dimethyl-1-hexanol	10524-70-6	8.54532	2134.1040	205.788	77.05	192.11	2
5762	C8H18O	3,4-dimethyl-1-hexanol	---	8.54532	2134.1040	205.788	77.05	192.11	2
5763	C8H18O	3,5-dimethyl-1-hexanol	13501-73-0	9.10137	2761.6939	273.000	67.89	193.54	2
5764	C8H18O	4,4-dimethyl-1-hexanol	6481-95-4	8.60454	2154.8211	205.510	77.85	191.86	2
5765	C8H18O	4,5-dimethyl-1-hexanol	---	8.60454	2154.8211	205.510	77.85	191.86	2
5766	C8H18O	5,5-dimethyl-1-hexanol	2768-18-5	8.60454	2154.8211	205.510	77.85	191.86	2
5767	C8H18O	3-ethyl-2-hexanol	24448-19-9	8.45078	2456.3581	273.000	56.68	193.20	1,2
5768	C8H18O	4-ethyl-2-hexanol	---	7.85821	1893.2227	209.402	66.65	195.45	2
5769	C8H18O	2,3-dimethyl-2-hexanol	19550-03-9	7.85388	1617.0584	174.163	61.77	171.95	1,2
5770	C8H18O	2,4-dimethyl-2-hexanol	42328-76-7	6.79598	1443.5252	197.739	51.32	201.67	2
5771	C8H18O	2,5-dimethyl-2-hexanol	3730-60-7	7.24078	1386.1715	164.432	57.68	177.08	1,2
5772	C8H18O	3,3-dimethyl-2-hexanol	22025-20-3	7.49954	1767.0677	211.626	60.25	197.64	2
5773	C8H18O	3,4-dimethyl-2-hexanol	19550-05-1	8.38030	2441.5660	273.000	57.82	196.67	2
5774	C8H18O	3,5-dimethyl-2-hexanol	66576-27-0	8.37842	2380.4664	273.000	49.63	185.08	1,2
5775	C8H18O	4,4-dimethyl-2-hexanol	---	7.58526	1797.2491	211.070	61.85	197.08	2
5776	C8H18O	4,5-dimethyl-2-hexanol	---	7.58526	1797.2491	211.070	61.85	197.08	2
5777	C8H18O	5,5-dimethyl-2-hexanol	31841-77-7	8.30590	2380.8005	273.000	52.87	191.63	1,2
5778	C8H18O	3-ethyl-3-hexanol	597-76-2	7.82564	1881.1791	220.334	55.27	184.76	1,2
5779	C8H18O	4-ethyl-3-hexanol	19780-44-0	8.06686	2022.9024	227.066	59.19	187.04	1,2
5780	C8H18O	2,2-dimethyl-3-hexanol	4209-90-9	9.09406	2804.8652	304.583	41.95	169.84	1,2
5781	C8H18O	2,3-dimethyl-3-hexanol	4166-46-5	7.42435	1853.7354	237.032	51.62	199.91	2
5782	C8H18O	2,4-dimethyl-3-hexanol	13432-25-2	8.49450	2537.8366	291.030	47.60	186.67	1,2
5783	C8H18O	2,5-dimethyl-3-hexanol	19550-07-3	7.77617	1765.3973	202.777	57.75	181.48	1,2
5784	C8H18O	3,4-dimethyl-3-hexanol	19550-08-4	7.26865	1604.3836	204.643	51.29	187.93	1,2
5785	C8H18O	3,5-dimethyl-3-hexanol	4209-91-0	8.23650	2252.2443	268.183	43.05	177.39	1,2
5786	C8H18O	4,4-dimethyl-3-hexanol	19550-09-5	7.84422	1904.5785	224.524	53.75	183.98	1,2
5787	C8H18O	4,5-dimethyl-3-hexanol	---	7.33531	1709.1911	212.738	57.05	198.77	2
5788	C8H18O	5,5-dimethyl-3-hexanol	66576-31-6	7.07585	1640.7221	220.149	49.89	201.20	2
5789	C8H18O	2-propyl-1-pentanol	58175-57-8	7.54149	1642.1072	172.332	78.70	204.33	1,2
5790	C8H18O	2-isopropyl-1-pentanol	---	9.93849	2620.2497	200.300	92.84	187.50	2
5791	C8H18O	2-methyl-2-ethyl-1-pentanol	5970-63-8	7.73017	1758.5857	188.143	73.16	198.50	1,2
5792	C8H18O	3-methyl-2-ethyl-1-pentanol	---	8.31823	2054.5927	206.900	73.85	193.11	2
5793	C8H18O	4-methyl-2-ethyl-1-pentanol	106-67-2	7.81361	1874.6228	203.533	71.60	201.20	1,2
5794	C8H18O	2-methyl-3-ethyl-1-pentanol	---	8.21020	2016.7371	207.456	72.25	193.62	2
5795	C8H18O	3-methyl-3-ethyl-1-pentanol	---	8.21020	2016.7371	207.456	72.25	193.62	2
5796	C8H18O	4-methyl-3-ethyl-1-pentanol	---	8.21020	2016.7371	207.456	72.25	193.62	2
5797	C8H18O	2,2,3-trimethyl-1-pentanol	57409-53-7	7.66637	1694.7653	183.180	71.05	194.73	2
5798	C8H18O	2,2,4-trimethyl-1-pentanol	123-44-4	7.84239	1835.1244	204.867	63.33	188.89	1,2
5799	C8H18O	2,3,3-trimethyl-1-pentanol	57409-53-7	8.26377	2035.5130	207.178	73.05	193.36	2
5800	C8H18O	2,3,4-trimethyl-1-pentanol	6570-88-3	9.01364	2722.7417	273.000	66.76	193.88	2
5801	C8H18O	2,4,4-trimethyl-1-pentanol	16325-63-6	7.83172	1924.1212	218.140	63.51	195.66	1,2
5802	C8H18O	3,3,4-trimethyl-1-pentanol	---	8.00433	1944.5274	208.568	69.05	194.65	2
5803	C8H18O	3,4,4-trimethyl-1-pentanol	16325-64-7	8.00433	1944.5274	208.568	69.05	194.65	2
5804	C8H18O	2-methyl-3-ethyl-2-pentanol	19780-63-3	7.52869	1562.3658	180.146	59.16	179.28	1,2
5805	C8H18O	3-methyl-3-ethyl-2-pentanol	66576-22-5	7.49954	1767.0677	211.626	60.25	197.64	2
5806	C8H18O	4-methyl-3-ethyl-2-pentanol	66576-23-6	8.38585	2404.8762	273.000	52.61	189.12	1,2
5807	C8H18O	2,3,3-trimethyl-2-pentanol	23171-85-9	7.48746	1937.6815	249.666	49.02	200.37	2
5808	C8H18O	2,3,4-trimethyl-2-pentanol	66576-26-9	7.67298	2127.5414	273.000	45.83	200.72	2
5809	C8H18O	2,4,4-trimethyl-2-pentanol	690-37-9	7.39063	1440.4533	175.404	50.00	166.85	1,2
5810	C8H18O	3,3,4-trimethyl-2-pentanol	19411-41-7	8.23852	2345.3355	273.000	51.01	190.81	1,2
5811	C8H18O	3,4,4-trimethyl-2-pentanol	10575-56-1	7.39671	1571.4634	188.484	27.00	184.35	1,2
5812	C8H18O	2-methyl-3-ethyl-3-pentanol	597-05-7	8.34768	2361.6887	273.000	48.42	184.17	1,2
5813	C8H18O	2,2,3-trimethyl-3-pentanol	7294-05-5	7.71736	1867.2934	232.580	45.40	179.12	1,2
5814	C8H18O	2,2,4-trimethyl-3-pentanol	5162-48-1	6.95390	1109.1303	123.457	62.83	170.58	1,2
5815	C8H18O	2,3,4-trimethyl-3-pentanol	3054-92-0	8.38732	2448.0438	288.073	43.31	182.21	1,2
5816	C8H18O	3-methyl-2-isopropyl-1-butanol	18593-92-5	8.47881	2485.3011	273.000	59.31	196.19	2
5817	C8H18O	2,2-diethyl-1-butanol	13023-60-4	8.10562	1980.0673	208.012	70.65	194.13	2
5818	C8H18O	2,3-dimethyl-2-ethyl-1-butanol	---	8.10562	1980.0673	208.012	70.65	194.13	2
5819	C8H18O	3,3-dimethyl-2-ethyl-1-butanol	66576-56-5	8.10562	1980.0673	208.012	70.65	194.13	2
5820	C8H18O	2,2,3,3-tetramethyl-1-butanol	66576-24-7	8.47099	2118.5317	208.012	75.56	192.53	2
5821	C8H18O	3,5-dimethyl-3-hexanol, (\pm)	19113-78-1	7.18573	1656.4046	213.808	53.97	199.89	2
5822	C8H18O	isooctanol	26952-21-6	8.86154	2244.6770	204.356	81.17	190.85	2
5823	C8H18O	octyl alcohol; mixed isomers	29063-28-3	9.48990	2463.9751	201.854	88.37	188.75	2
5824	C8H18O	1-methoxy-heptane	629-32-3	8.07454	1844.0222	214.086	46.57	162.81	2
5825	C8H18O	2-methoxy-heptane	---	7.18563	1550.4365	219.202	31.45	168.04	2
5826	C8H18O	3-methoxy-heptane	---	7.18563	1550.4365	219.202	31.45	168.04	2
5827	C8H18O	4-methoxy-heptane	---	7.18563	1550.4365	219.202	31.45	168.04	2
5828	C8H18O	1-ethoxy-hexane	5756-43-4	7.71493	1725.7533	216.032	40.97	164.67	2
5829	C8H18O	2-ethoxy-hexane	---	7.18563	1550.4365	219.202	31.45	168.04	2
5830	C8H18O	3-ethoxy-hexane	---	7.18563	1550.4365	219.202	31.45	168.04	2
5831	C8H18O	1-propoxy-pentane	18641-82-2	7.60284	1688.1008	216.533	39.13	165.30	2
5832	C8H18O	2-propoxy-pentane	---	7.20998	1558.4858	219.035	31.93	167.87	2
5833	C8H18O	3-propoxy-pentane	---	7.20998	1558.4858	219.035	31.93	167.87	2
5834	C8H18O	1-isopropoxy-pentane	5756-37-6	7.07862	1515.0489	219.952	29.29	168.84	2
5835	C8H18O	2-isopropoxy-pentane	---	6.98130	1482.8295	220.661	27.25	169.61	2
5836	C8H18O	3-isopropoxy-pentane	---	6.98130	1482.8295	220.661	27.25	169.61	2
5837	C8H18O	dibutyl ether	142-96-1	7.53252	1668.6423	216.866	38.57	166.67	1,2
5838	C8H18O	di-sec-butyl ether	6863-58-7	7.57179	1610.2356	222.412	22.61	144.39	1,2
5839	C8H18O	di-tert-butyl ether	6163-66-2	7.58025	1564.9083	226.249	11.57	129.54	1,2
5840	C8H18O	butyl isobutyl ether	17071-47-5	8.07454	1844.0222	214.086	46.57	162.81	2

Table 1 Vapor Pressure – Organic Compounds

log ₁₀ P = A - B/(T + C) (P - mmHg, T - C)									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
5841	C8H18O	tert-butyl isobutyl ether	33021-02-2	7.15548	1540.4709	219.410	30.85	168.26	2
5842	C8H18O	butyl tert-butyl ether	1000-63-1	7.15548	1540.4709	219.410	30.85	168.26	2
5843	C8H18O	di-sec-butyl ether, (±)	17226-28-7	6.75567	1408.6144	222.565	22.17	171.58	2
5844	C8H18O	isobutyl ether	628-55-7	7.56582	1614.1206	221.979	23.86	146.21	1,2
5845	C8H18O2	1,2-octanediol	1117-86-8	8.36064	2355.2462	186.008	133.97	268.78	3
5846	C8H18O2	1,3-octanediol	23433-05-8	8.94488	2587.8086	182.950	142.77	266.09	3
5847	C8H18O2	1,4-octanediol	51916-47-3	10.39925	3164.5618	177.112	159.57	261.35	3
5848	C8H18O2	1,8-octanediol	629-41-4	9.43803	2783.6755	180.726	149.17	264.22	3
5849	C8H18O2	2,4-octanediol	90162-24-6	6.64954	1669.0700	199.079	96.36	282.24	3
5850	C8H18O2	4,5-octanediol, (±)	22520-40-7	6.64954	1669.0700	199.079	96.36	282.24	3
5851	C8H18O2	3-methyl-2,4-heptanediol	6964-04-1	6.64954	1669.0700	199.079	96.36	282.24	3
5852	C8H18O2	2-ethyl-1,3-hexanediol	94-96-2	7.98010	2204.3327	188.232	127.57	271.17	1,2
5853	C8H18O2	2,5-dimethyl-2,5-hexanediol	110-03-2	7.99044	2098.1273	196.572	88.50	239.76	1,2
5854	C8H18O2	2,2,4-trimethyl-1,4-pentanediol	80864-10-4	6.78938	1725.5505	197.684	86.00	280.63	3
5855	C8H18O2	2,2,4-trimethyl-1,3-pentanediol	144-19-4	7.98633	2162.7186	191.554	118.01	258.59	1,2
5856	C8H18O2	2-butyl-2-methyl-1,3-propanediol	3121-83-3	8.88759	2565.0323	183.228	141.97	266.32	3
5857	C8H18O2	(3R,6R)-3,6-octanediol	129619-37-0	6.64954	1669.0700	199.079	96.36	282.24	3
5858	C8H18O2	(3S,6S)-3,6-octanediol	136705-66-3	6.64954	1669.0700	199.079	96.36	282.24	3
5859	C8H18O2	di-t-butyl peroxide	110-05-4	5.06595	931.0235	220.201	8.78	273.94	3
5860	C8H18O2	1,2-dipropoxyethane	18854-56-3	5.33815	1094.0726	239.358	12.84	268.02	3
5861	C8H18O2	ethylene glycol monohexyl ether	112-25-4	7.94924	2058.8298	198.157	98.11	233.70	1,2
5862	C8H18O2	2-(2-ethylbutoxy)ethanol	4468-93-3	8.12921	2099.0856	199.079	95.36	225.20	3
5863	C8H18O2	ethylene glycol mono-2-methylpentyl ether	10137-96-9	7.75314	1959.6946	201.340	88.85	227.36	3
5864	C8H18O2S	diisobutyl sulfone	10495-45-1	7.34951	1998.5992	182.394	132.37	297.15	1,2
5865	C8H18O2S	dibutyl sulfone	598-04-9	6.80086	1904.1789	175.208	153.05	350.95	3
5866	C8H18O2S	di-tert-butylsulfone	1886-75-5	7.33456	1937.3703	187.148	118.69	279.38	1,2
5867	C8H18O3	diethylene glycol diethyl ether	112-36-7	8.04915	2321.5001	260.178	69.15	216.78	1,2
5868	C8H18O3	diethylene glycol monobutyl ether	112-34-5	7.52048	1939.9860	187.130	110.39	260.01	1,2
5869	C8H18O3S	dibutyl sulfite	626-85-7	6.34289	1498.6513	192.124	88.37	281.97	3
5870	C8H18O3S	diisobutyl sulfite	18748-27-1	5.89731	1322.5383	197.684	72.37	289.36	3
5871	C8H18O4	triethylene glycol dimethyl ether	112-49-2	7.72150	2009.4672	199.120	99.84	243.53	1,2
5872	C8H18O4S	dibutyl sulfate	625-22-9	5.96722	1499.6035	186.050	115.85	352.33	3
5873	C8H18O4S	2-ethylhexyl sulfate	72214-01-8	6.03911	1531.2253	185.002	118.87	350.90	3
5874	C8H18O4S2	2,2-bis(ethylsulfonyl)butane	76-20-0	7.55121	2848.1550	254.648	169.85	397.20	3
5875	C8H18O5	tetraethylene glycol	112-60-7	7.76813	2323.4755	145.859	197.44	360.75	1,2
5876	C8H18S	1-octanethiol	111-88-6	7.55200	1872.1243	200.731	85.00	227.66	1,2
5877	C8H18S	2-octanethiol	3001-66-9	7.21682	1735.3322	204.245	74.89	225.83	2
5878	C8H18S	2-octanethiol, (±)	10435-81-1	7.21682	1735.3322	204.245	74.89	225.83	2
5879	C8H18S	3-octanethiol	---	7.16009	1713.8164	204.523	73.69	226.27	2
5880	C8H18S	4-octanethiol	---	7.12429	1700.6618	204.801	72.89	226.57	2
5881	C8H18S	2-methyl-1-heptanethiol	---	7.41016	1805.6084	202.677	79.00	224.35	2
5882	C8H18S	3-methyl-1-heptanethiol	---	7.37105	1791.2677	202.955	78.20	224.64	2
5883	C8H18S	4-methyl-1-heptanethiol	---	7.33248	1777.1160	203.233	77.40	224.92	2
5884	C8H18S	5-methyl-1-heptanethiol	---	7.29442	1763.1493	203.511	76.60	225.21	2
5885	C8H18S	6-methyl-1-heptanethiol	---	7.25686	1749.3641	203.789	75.80	225.50	2
5886	C8H18S	2-methyl-2-heptanethiol	---	7.14715	1709.0615	204.623	73.40	226.38	2
5887	C8H18S	3-methyl-2-heptanethiol	---	7.11152	1695.9669	204.901	72.60	226.68	2
5888	C8H18S	4-methyl-2-heptanethiol	---	7.07636	1683.0366	205.179	71.80	226.98	2
5889	C8H18S	5-methyl-2-heptanethiol	---	7.04164	1670.2675	205.457	71.00	227.28	2
5890	C8H18S	6-methyl-2-heptanethiol	---	7.00737	1657.6565	205.735	70.20	227.58	2
5891	C8H18S	tert-octyl mercaptan	141-59-3	6.27358	1386.9803	212.835	50.17	235.77	2
5892	C8H18S	2-thianonane	20291-61-6	7.88119	1898.2272	203.647	72.21	200.29	2
5893	C8H18S	3-thianonane	7309-44-6	7.83354	1881.5160	203.925	71.41	200.55	2
5894	C8H18S	4-thianonane	42841-80-5	7.78662	1865.0533	204.203	70.61	200.82	2
5895	C8H18S	5-thianonane	544-40-1	7.09537	1660.6120	205.468	66.97	218.86	1,2
5896	C8H18S	3-methyl-2-thiaoctane	---	7.43540	1741.6609	206.427	64.21	203.03	2
5897	C8H18S	4-methyl-2-thiaoctane	---	7.39431	1727.2017	206.705	63.41	203.32	2
5898	C8H18S	5-methyl-2-thiaoctane	---	7.35380	1712.9417	206.983	62.61	203.60	2
5899	C8H18S	6-methyl-2-thiaoctane	---	7.31385	1698.8768	207.261	61.81	203.89	2
5900	C8H18S	2-methyl-3-thiaoctane	---	7.39431	1727.2017	206.705	63.41	203.32	2
5901	C8H18S	4-methyl-3-thiaoctane	---	7.35380	1712.9417	206.983	62.61	203.60	2
5902	C8H18S	5-methyl-3-thiaoctane	---	7.31385	1698.8768	207.261	61.81	203.89	2
5903	C8H18S	6-methyl-3-thiaoctane	---	7.27446	1685.0029	207.539	61.01	204.18	2
5904	C8H18S	di-sec-butyl sulfide	626-26-6	7.31953	1665.6012	210.194	53.37	192.35	1,2
5905	C8H18S	di-tert-butyl sulfide	107-47-1	7.30983	1610.6746	214.615	40.65	175.57	1,2
5906	C8H18S	diisobutyl sulfide	592-65-4	7.27393	1673.2339	208.526	58.17	200.37	1,2
5907	C8H18S2	1,8-octanedithiol	1191-62-4	7.09899	1880.6128	176.286	131.85	303.81	1,2
5908	C8H18S2	1,7-octanedithiol	---	6.89325	1853.9639	181.421	133.17	318.11	2
5909	C8H18S2	1,6-octanedithiol	---	6.86497	1842.0082	181.699	132.37	318.42	2
5910	C8H18S2	1,5-octanedithiol	---	6.83701	1830.1772	181.977	131.57	318.73	2
5911	C8H18S2	1,4-octanedithiol	---	6.80934	1818.4688	182.255	130.77	319.05	2
5912	C8H18S2	1,3-octanedithiol	---	6.78196	1806.8812	182.533	129.97	319.36	2
5913	C8H18S2	1,2-octanedithiol	---	6.75487	1795.4124	182.811	129.17	319.68	2
5914	C8H18S2	2,3-dithiadecane	---	7.51348	1949.2103	190.120	109.14	259.87	2
5915	C8H18S2	3,4-dithiadecane	---	7.43731	1919.6961	190.676	107.54	260.44	2
5916	C8H18S2	4,5-dithiadecane	---	7.36310	1890.9219	191.232	105.94	261.01	2
5917	C8H18S2	5,6-dithiadecane	629-45-8	7.35146	1890.3598	191.788	105.84	261.58	1,2
5918	C8H18S2	2,4-dithiadecane	---	7.92653	2108.9748	187.340	117.14	257.15	2
5919	C8H18S2	3,5-dithiadecane	---	7.83932	2075.2831	187.896	115.54	257.68	2
5920	C8H18S2	4,6-dithiadecane	---	7.75451	2042.4965	188.452	113.94	258.22	2

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mmHg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
5921	C8H18S2	di-isobutyl disulfide	1518-72-5	7.33756	1848.6417	194.946	96.75	249.90	1,2
5922	C8H18S2	di-sec-butyl disulfide	5943-30-6	6.76144	1656.9097	196.336	91.25	266.54	2
5923	C8H18S2	di-tert-butyl disulfide	110-06-5	6.61895	1601.2647	197.726	87.25	268.15	2
5924	C8H19N	octylamine	111-86-4	7.71694	1861.8379	206.136	71.05	204.40	1,2
5925	C8H19N	2-ethylhexylamine	104-75-6	7.68822	1817.5692	209.027	62.73	194.31	1,2
5926	C8H19N	6-methyl-2-heptanamine, (±)	5984-58-7	7.09455	1611.0583	212.974	48.89	198.78	2
5927	C8H19N	2-octanamine, (±)	44855-57-4	7.67811	1796.6930	210.472	50.56	189.12	1,2
5928	C8H19N	2-amino-6-methylheptane	543-82-8	7.67617	1764.8070	212.974	25.00	179.70	1,2
5929	C8H19N	(S)-2-amino-6-methylheptane	70419-10-2	7.09455	1611.0583	212.974	51.37	198.78	2
5930	C8H19N	(R)-2-amino-6-methylheptane	70419-11-3	7.09455	1611.0583	212.974	51.37	198.78	2
5931	C8H19N	(S)-2-aminooctane	34566-04-6	7.44814	1734.8219	210.472	58.57	196.16	2
5932	C8H19N	(R)-2-aminooctane	34566-05-7	7.44814	1734.8219	210.472	58.57	196.16	2
5933	C8H19N	2-aminooctane	693-16-3	7.67832	1800.2359	210.194	59.37	190.17	1,2
5934	C8H19N	tert-octylamine	107-45-9	7.67278	1711.6645	217.144	39.37	163.99	1,2
5935	C8H19N	methylheptylamine	36343-05-2	7.95127	1873.8149	210.194	59.37	182.69	2
5936	C8H19N	ethylhexylamine	20352-67-4	7.61728	1759.6017	212.140	53.77	184.57	2
5937	C8H19N	dibutylamine	111-92-2	7.77302	1804.0217	211.904	54.45	181.03	1,2
5938	C8H19N	diisobutylamine	110-96-3	7.68692	1712.1494	217.395	38.65	162.65	1,2
5939	C8H19N	di-sec-butylamine	626-23-3	6.69972	1444.2077	218.812	34.57	191.72	2
5940	C8H19N	N-methyl-2-heptanamine	540-43-2	7.48474	1714.2035	212.974	51.37	185.41	2
5941	C8H19N	dimethylhexylamine	4385-04-0	7.53657	1693.7839	215.754	43.37	173.20	1,2
5942	C8H19N	diethylbutylamine	4444-68-2	7.67425	1698.1039	218.256	36.17	159.74	1,2
5943	C8H19N	N-ethyl-N-isopropyl-2-propanamine	7087-68-5	7.66956	1663.8374	220.897	28.57	149.86	1,2
5944	C8H19N	N-ethyl-N-propyl-1-propanamine	20634-92-8	8.03465	1797.1437	217.700	37.77	152.63	1,2
5945	C8H19N	N-isopropyl-N-methyl-tert-butylamine	85523-00-8	7.13562	1532.2381	220.758	28.97	166.78	2
5946	C8H19NO	N,N-diisopropylethanolamine	96-80-0	7.86955	1962.0420	203.244	82.37	215.31	1,2
5947	C8H19NO	2-(dipropylamino)ethanol	3238-75-3	5.94519	1427.9048	201.576	41.20	315.15	3
5948	C8H19NO	6-amino-2-methyl-2-heptanol	372-66-7	5.88785	1403.6933	202.410	84.77	316.32	3
5949	C8H19NO2	N-tert-butyl-diethanolamine	2160-93-2	6.59230	1757.5120	195.970	118.30	319.36	3
5950	C8H19O2PS3	disulfoton	298-04-4	10.61402	4420.5000	288.050	171.75	306.73	3
5951	C8H19O3PS2	demeton	298-03-3	10.42094	4110.9000	273.150	163.21	294.72	3
5952	C8H19O3PS2	demeton-S	126-75-0	10.03380	3991.0000	273.150	168.64	309.31	3
5953	C8H20Cl2OSi2	1,3-dichloro-1,1,3,3-tetraethyldisiloxane	18825-03-1	7.10122	1842.1800	205.520	69.85	264.50	3
5954	C8H20N2	2,5-dimethyl-2,5-hexanediamine	23578-35-0	6.68053	1587.6088	204.912	52.00	248.86	3
5955	C8H20N2	1,8-octanediamine	373-44-4	7.66933	2006.6977	193.514	107.37	253.66	1,2
5956	C8H20N2	N,N,N',N'-tetramethyl-1,4-butanediamine	111-51-3	7.74764	1829.4883	209.360	52.00	191.33	1,2
5957	C8H20N2	N,N'-diisopropylethylenediamine	4013-94-9	7.65698	1811.8579	208.804	52.00	196.07	1,2
5958	C8H20N2	N,N'-dimethyl-1,6-hexanediamine	13093-04-4	6.00722	1329.5280	212.347	53.18	258.22	3
5959	C8H20N2	N-hexylethylenediamine	7261-70-3	6.00722	1329.5280	212.347	53.18	258.22	3
5960	C8H20N2	N,N,N',N'-tetramethyl-1,3-butanediamine	97-84-7	7.65786	1793.1584	210.319	52.00	190.30	1,2
5961	C8H20N2	1,1-dibutylhydrazine	7422-80-2	7.91654	1836.4951	212.347	53.18	175.53	2
5962	C8H20N2	N,N-diisopropyl ethylenediamine	121-05-1	4.93475	894.1553	222.426	4.82	287.67	3
5963	C8H20N2	N'-isopropyl-N,N'-dimethyl-1,3-propane-diamine	63905-13-5	6.00722	1329.5280	212.347	53.18	258.22	3
5964	C8H20N2	6-methyl-2-heptylhydrazine	7535-34-4	7.91654	1836.4951	212.347	53.18	175.53	2
5965	C8H20O4Si	ethyl silicate	78-10-4	6.94086	1807.3830	276.363	27.87	204.45	3
5966	C8H20O5P2S2	sulfotep	3689-24-5	10.59257	4211.7000	273.150	165.91	295.18	3
5967	C8H20Si	tetraethylsilane	631-36-7	7.32007	1750.8532	241.553	35.48	181.54	1,2
5968	C8H23N5	tetraethylenepentamine	112-57-2	8.24907	2789.3087	179.543	205.24	370.92	1,2
5969	C8H24Cl2O3Si4	1,7-dichloro-octamethyltetrasiloxane	2474-02-4	7.97578	2387.9100	246.680	95.63	251.43	3
5970	C8H24O4Si4	octamethylcyclotetrasiloxane	556-67-2	6.90072	1445.5146	184.239	60.73	204.46	3
5971	C9F17NO3S	heptadecafluoro-1-octanesulfonyl-isocyanate	34834-20-3	6.83431	1342.9600	143.357	86.83	224.33	3
5972	C9F18	perfluoro(propyl-cyclohexane)	374-59-4	6.90361	1303.0820	200.876	19.85	149.25	3
5973	C9F20	perfluorononane	375-96-2	7.52854	1611.5115	221.231	25.61	149.51	1,2
5974	C9H5Br2NO	5,7-dibromo-8-quinolinol	521-74-4	10.59010	4910.0000	273.150	238.84	389.62	3
5975	C9H5ClINO	7-chloro-5-iodo-8-quinolinol	35048-13-6	15.55010	6850.0000	273.150	197.64	280.69	3
5976	C9H5Cl2NO	5,7-dichloro-8-quinolinol	773-76-2	11.28010	4860.0000	273.150	199.61	326.98	3
5977	C9H5Cl3F12	1,7,7-trichloro-1,1,2,2,3,3,4,4,5,5,6,6-dodecafluorononane	16327-68-7	6.31580	1730.7000	273.150	52.43	279.09	3
5978	C9H5I2NO	5,7-diiodo-8-quinolinol	83-73-8	11.87010	5790.0000	273.150	259.50	393.27	3
5979	C9H6INO	5-iodo-8-quinolinol	13207-63-1	14.97010	6200.0000	273.150	170.66	252.80	3
5980	C9H6N2O2	toluene diisocyanate	584-84-9	7.85817	2376.3853	225.772	120.73	282.40	1,2
5981	C9H7Cl3O3	2,4,5-T methyl ester	1928-37-6	6.14278	1336.6500	79.150	170.85	372.28	3
5982	C9H7F3O2	trifluoroacetic acid, 3-methylphenyl ester	1736-09-0	7.88300	2017.3000	236.300	56.78	192.81	3
5983	C9H7F3O2	trifluoroacetic acid, 4-methylphenyl ester	1813-29-2	7.68380	1890.0000	224.000	58.77	195.82	3
5984	C9H7N	isoquinoline	119-65-3	7.28065	1950.1651	201.386	109.12	274.40	1,2
5985	C9H7N	quinoline	91-22-5	7.21408	1902.9767	201.305	104.93	270.64	1,2
5986	C9H7NO	8-hydroxyquinoline	148-24-3	7.46887	2086.4504	186.907	135.63	299.78	1,2
5987	C9H8	indene	95-13-6	8.16570	2383.6436	270.180	62.47	208.09	1,2
5988	C9H8Cl2O3	methyl (2,4-dichlorophenoxy)acetate	1928-38-7	7.07957	2294.3757	210.660	129.85	377.99	3
5989	C9H8O	2-methylbenzofuran	4265-25-2	7.22615	1766.4974	209.527	74.20	227.26	1,2
5990	C9H9Cl	4-chloro-a-methylstyrene	1712-70-5	6.59794	1541.9218	199.074	76.37	252.29	2
5991	C9H9Cl	4-vinylbenzyl chloride	1592-20-7	7.38792	1839.5433	192.402	95.57	244.95	2
5992	C9H9Cl	vinylbenzyl chloride	30030-25-2	7.38792	1839.5433	192.402	95.57	244.95	2
5993	C9H9Cl	vinylbenzyl chloride, stabilized, m- and p-isomers	57458-41-0	7.38792	1839.5433	192.402	95.57	244.95	2
5994	C9H9F6NO5	N,O-bis(trifluoroacetyl)-L-threonine methyl ester	1548-45-4	10.84010	3785.0000	273.150	111.50	221.09	3
5995	C9H9N	1-methyl-1H-indole	603-76-9	6.51690	1645.9591	190.178	108.17	303.35	2
5996	C9H9N	2-methyl-1H-indole	95-20-5	7.26336	1983.0935	180.448	136.17	305.42	1,2
5997	C9H9N	3-methyl-1H-indole	83-34-1	7.27498	1967.1204	182.116	97.50	298.47	1,2
5998	C9H9N	4-methyl-1H-indole	16096-32-5	7.25945	1965.5207	181.838	132.17	300.19	1,2
5999	C9H9N	5-methyl-1H-indole	614-96-0	7.25945	1965.5207	181.838	132.17	300.19	1,2
6000	C9H9N	7-methyl-1H-indole	933-67-5	7.25867	1962.0064	182.116	131.37	299.14	1,2

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mmHg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
6001	C9H9N	2,3-dimethylbenzonitrile	5724-56-1	7.86548	2084.4218	185.672	117.94	259.37	2
6002	C9H9N	2,6-dimethylbenzonitrile	6575-13-9	7.86548	2084.4218	185.672	117.94	259.37	2
6003	C9H9N	4-ethylbenzonitrile	25309-65-3	7.23385	1839.9116	190.178	104.97	263.90	2
6004	C9H9N	2-ethylbenzonitrile	34136-59-9	7.86548	2084.4218	185.672	117.94	259.37	2
6005	C9H9N	6-methylindole	3420-02-8	6.95459	1825.7310	185.672	120.94	298.25	2
6006	C9H9NO	2,3-dimethylphenyl isocyanate	1591-99-7	7.44887	1841.4234	195.827	89.72	235.72	3
6007	C9H9NO	2,6-dimethylphenyl isocyanate	28556-81-2	4.69372	797.9233	232.851	-16.83	294.92	3
6008	C9H9NO	2,5-dimethylphenyl isocyanate	40397-98-6	7.19683	1747.8423	197.684	84.37	237.65	3
6009	C9H9NO	3,4-dimethylphenyl isocyanate	51163-27-0	7.44887	1841.4234	195.827	89.72	235.72	3
6010	C9H9NO	2,4-dimethylphenyl isocyanate	51163-29-2	7.44887	1841.4234	195.827	89.72	235.72	3
6011	C9H9NO	3,5-dimethylphenyl isocyanate	54132-75-1	7.44887	1841.4234	195.827	89.72	235.72	3
6012	C9H9NO	4-ethylphenyl isocyanate	23138-50-3	7.44887	1841.4234	195.827	89.72	235.72	3
6013	C9H9NO	3-ethylphenyl isocyanate	23138-58-1	7.44887	1841.4234	195.827	89.72	235.72	3
6014	C9H9NO	2-ethylphenyl isocyanate	40411-25-4	7.44887	1841.4234	195.827	89.72	235.72	3
6015	C9H9NO	4-methylbenzyl isocyanate	56651-57-1	7.44887	1841.4234	195.827	89.72	235.72	3
6016	C9H9NO	2-methylbenzyl isocyanate	56651-58-2	7.84120	1986.7286	193.236	97.17	233.16	3
6017	C9H9NO	3-methylbenzyl isocyanate	61924-25-2	7.44887	1841.4234	195.827	89.72	235.72	3
6018	C9H9NO	phenethyl isocyanate	1943-82-4	7.19683	1747.8423	197.684	84.37	237.65	3
6019	C9H10	indane	496-11-7	8.15774	1992.0536	221.757	56.55	178.58	3
6020	C9H10	cis-1-propenylbenzene	766-90-5	7.65638	1876.7783	225.566	56.39	193.87	1,2
6021	C9H10	trans-1-propenylbenzene	873-66-5	7.29045	1782.5111	227.381	55.99	206.47	1,2
6022	C9H10	2-propenylbenzene	300-57-2	7.08988	1551.4683	212.752	42.01	184.24	1,2
6023	C9H10	alpha-methylstyrene	98-83-9	7.15246	1647.2836	220.782	46.96	194.09	1,2
6024	C9H10	m-methylstyrene	100-80-1	7.27726	1752.8349	228.144	51.09	199.86	1,2
6025	C9H10	o-methylstyrene	611-15-4	7.56301	1772.9194	218.652	51.49	186.02	1,2
6026	C9H10	p-methylstyrene	622-97-9	7.08753	1629.6844	214.550	53.16	202.71	1,2
6027	C9H10	1-propenylbenzene	637-50-3	7.17527	1636.7270	207.275	57.77	202.58	1,2
6028	C9H10	methylstyrene	25013-15-4	7.19941	1618.1285	208.943	52.07	193.82	2
6029	C9H10	3(4)-methylstyrene, isomers	39294-88-7	7.21899	1624.8632	208.804	52.47	193.67	2
6030	C9H10Br2	2,4-dibromo-1,3,5-trimethylbenzene	6942-99-0	7.17604	1955.9779	176.834	139.87	312.87	1,2
6031	C9H10Cl2	2,4-dichloro-1,3,5-trimethylbenzene	57386-83-1	6.77269	1708.9554	188.371	107.67	287.55	2
6032	C9H10O	2,4-dimethylbenzaldehyde	15764-16-6	8.20401	2427.4598	238.015	98.94	245.33	1,2
6033	C9H10O	1-phenyl-1-propanone	93-55-0	7.16002	1767.7354	195.599	91.37	248.76	1,2
6034	C9H10O2	2,4-dimethylbenzoic acid	611-01-8	7.97257	2289.3057	181.560	146.77	296.30	1,2
6035	C9H10O2	2,5-dimethylbenzoic acid	610-72-0	7.36421	2035.9119	186.050	133.85	300.73	1,2
6036	C9H10O2	2,6-dimethylbenzoic acid	632-46-2	8.09987	2355.1923	179.753	116.00	299.14	2
6037	C9H10O2	3,5-dimethylbenzoic acid	499-06-9	6.98119	1876.1877	186.050	127.63	307.77	2
6038	C9H10O2	2-ethylbenzoic acid	612-19-1	7.97532	2257.4399	184.062	139.57	286.88	1,2
6039	C9H10O2	3-ethylbenzoic acid	619-20-5	7.25138	1999.8171	186.050	133.85	305.36	2
6040	C9H10O2	ethyl benzoate	93-89-0	7.50855	2047.0347	228.940	85.57	244.18	1,2
6041	C9H10O2	benzyl acetate	140-11-4	7.37313	1914.8871	212.258	88.20	244.62	1,2
6042	C9H10O2	2,3-dimethylbenzoic acid	603-79-2	7.18719	1970.4455	186.050	132.42	305.90	2
6043	C9H10O2	3,4-dimethylbenzoic acid	619-04-5	7.02946	1898.2715	186.050	128.78	307.31	2
6044	C9H10O2	4-ethylbenzoic acid	619-64-7	7.25138	1999.8171	186.050	133.85	305.36	2
6045	C9H10O3	ethyl vanillin	121-32-4	13.46727	4189.0837	161.324	174.68	245.96	3
6046	C9H11Br	1-bromo-4-isopropylbenzene	586-61-8	7.01674	1712.3380	195.266	89.33	251.25	1,2
6047	C9H11Br	1-(bromomethyl)-3,5-dimethylbenzene	27129-86-8	7.16956	1792.2223	192.124	98.37	257.31	2
6048	C9H11Br	(2-bromo-1-methylethyl)benzene	1459-00-3	6.02924	1352.0163	203.661	65.17	271.16	2
6049	C9H11Br	(1-bromopropyl)benzene, (±)	63790-14-7	6.83767	1664.7427	194.959	90.21	260.41	2
6050	C9H11Br	(2-bromopropyl)benzene	2114-39-8	6.83767	1664.7427	194.959	90.21	260.41	2
6051	C9H11Br	(3-bromopropyl)benzene	637-59-2	7.00814	1712.3992	195.043	89.97	252.49	1,2
6052	C9H11Br	1-bromo-2,3,5-trimethylbenzene	31053-99-3	7.46133	1903.9611	189.900	104.77	255.00	2
6053	C9H11Br	1-bromo-2,4,5-trimethylbenzene	5469-19-2	7.03459	1765.6153	191.012	73.00	267.26	1,2
6054	C9H11Br	2-bromo-1,3,5-trimethylbenzene	576-83-0	7.02419	1734.2703	193.514	94.37	257.84	1,2
6055	C9H11Br	1-bromo-2-(1-methylethyl)benzene	7073-94-1	7.00754	1683.3787	197.601	82.61	242.42	1,2
6056	C9H11Br	1-bromo-4-propylbenzene	588-93-2	7.02419	1734.2703	193.514	94.37	257.84	1,2
6057	C9H11Br	1-bromo-3-(1-methylethyl)benzene	5433-01-2	7.00666	1679.2109	197.948	81.61	241.08	1,2
6058	C9H11Cl	1-chloro-2-isopropylbenzene	2077-13-6	7.03098	1635.5315	202.939	68.25	221.97	1,2
6059	C9H11Cl	1-chloro-4-isopropylbenzene	2621-46-7	7.03976	1660.6143	200.937	74.01	229.51	1,2
6060	C9H11Cl	1-(chloromethyl)-2,4-dimethylbenzene	824-55-5	7.10104	1732.2397	196.155	87.77	245.83	2
6061	C9H11Cl	(1-chloro-1-methylethyl)benzene	934-53-2	6.88019	1649.0218	198.013	82.42	247.87	2
6062	C9H11Cl	(2-chloro-1-methylethyl)benzene	824-47-5	6.88019	1649.0218	198.013	82.42	247.87	2
6063	C9H11Cl	1-(chloromethyl)-4-ethylbenzene	1467-05-6	6.88019	1649.0218	198.013	82.42	247.87	2
6064	C9H11Cl	(2-chloropropyl)benzene, (R)	55449-46-2	6.88019	1649.0218	198.013	82.42	247.87	2
6065	C9H11Cl	(3-chloropropyl)benzene	104-52-9	7.06449	1734.5261	195.043	90.97	251.69	1,2
6066	C9H11Cl	2-chloro-1,3,5-trimethylbenzene	1667-04-5	7.04776	1683.9643	199.074	79.37	236.52	1,2
6067	C9H11Cl	3,4-dimethylbenzyl chloride	102-46-5	6.88019	1649.0218	198.013	82.42	247.87	2
6068	C9H11Cl	2,5-dimethylbenzyl chloride	824-45-3	7.06898	1748.4807	193.931	94.17	255.88	1,2
6069	C9H11ClN2O	N'-(4-chlorophenyl)-N,N-dimethylurea	150-68-5	13.30520	5988.3900	273.150	213.51	318.39	3
6070	C9H11ClO2	propyleneglycol mono-p-chlorophenyl ether	67146-43-4	8.43289	2737.8351	226.140	142.20	295.25	3
6071	C9H11ClS	(2-chloroethyl) benzyl sulfide	4332-51-8	7.37666	2733.4000	273.150	155.51	378.46	3
6072	C9H11F	2-fluoro-1,3,5-trimethylbenzene	392-69-8	7.21492	1646.6878	208.387	56.57	199.91	1,2
6073	C9H11F5O2	pentafluoropropanoic acid, cyclohexyl ester	24262-73-5	7.72546	1844.7200	224.891	49.40	181.11	3
6074	C9H11I	2-ethyl-6-methylodobenzene	175277-95-9	6.86964	1744.9842	187.440	109.85	285.74	2
6075	C9H11I	2,4,6-trimethyiodobenzene	4028-63-1	6.86964	1744.9842	187.440	109.85	285.74	2
6076	C9H11NO	p-dimethylaminobenzaldehyde	100-10-7	9.72497	3533.6400	246.031	158.97	294.02	3
6077	C9H11NO2	1-isopropyl-2-nitrobenzene	6526-72-3	7.10787	1895.1688	185.313	124.97	297.41	2
6078	C9H11NO2	1-isopropyl-4-nitrobenzene	1817-47-6	7.10787	1895.1688	185.313	124.97	297.41	2
6079	C9H11NO2	(1-methyl-1-nitroethyl)benzene	3457-58-7	7.10787	1895.1688	185.313	124.97	297.41	2
6080	C9H11NO2	1,2,4-trimethyl-5-nitrobenzene	610-91-3	7.46122	2040.2232	182.394	133.37	294.36	2

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mmHg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
6081	C9H11NO2	1,3,5-trimethyl-2-nitrobenzene	603-71-4	7.38479	1982.7608	185.174	125.37	286.58	1,2
6082	C9H12	cumene	98-82-8	7.10691	1577.9699	220.977	37.41	181.05	1,2
6083	C9H12	m-ethyltoluene	620-14-4	7.07202	1610.6921	222.972	42.29	191.07	1,2
6084	C9H12	o-ethyltoluene	611-14-3	7.04815	1615.2019	222.406	44.65	195.36	1,2
6085	C9H12	p-ethyltoluene	622-96-8	7.04821	1580.2600	217.186	44.09	191.53	1,2
6086	C9H12	1,2,3-trimethylbenzene	526-73-8	7.29803	1789.6521	229.034	55.13	205.75	1,2
6087	C9H12	1,2,4-trimethylbenzene	95-63-6	7.29329	1763.3511	230.248	49.95	198.64	1,2
6088	C9H12	trimethyl benzene	25551-13-7	7.62257	1742.6629	208.290	54.85	184.14	2
6089	C9H12	mesitylene	108-67-8	7.26105	1695.8268	222.415	48.44	193.31	1,2
6090	C9H12	propylbenzene	103-65-1	7.18167	1655.2071	225.615	42.15	188.20	1,2
6091	C9H12	ethylidene norbornene	16219-75-3	9.40396	3957.8990	447.523	23.43	188.58	3
6092	C9H12	1,4-nonadiyne	6088-94-4	7.52225	1784.2558	210.194	63.37	200.89	2
6093	C9H12	1,8-nonadiyne	2396-65-8	7.94193	1888.1944	211.028	60.97	185.64	1,2
6094	C9H12	2,7-nonadiyne	31699-35-1	7.93912	1952.6278	206.024	75.37	204.43	1,2
6095	C9H12	5-vinyl-2-norbornene, endo and exo	3048-64-4	5.94091	1090.9175	197.273	23.52	198.12	3
6096	C9H12	cis,cis,cis-cyclononatriene	696-86-6	6.78393	1486.3056	211.575	45.40	201.05	3
6097	C9H12	3a,4,7,7a-tetrahydro-1H-indene	3048-65-5	7.77153	2045.5714	259.032	43.05	186.66	3
6098	C9H12	cis-5-ethylidenebicyclo[2.2.1]hept-2-ene	28304-66-7	6.39050	1294.3110	209.558	30.55	193.82	3
6099	C9H12	trans-5-ethylidenebicyclo[2.2.1]hept-2-ene	28304-67-8	6.44067	1311.9712	209.322	31.82	193.27	3
6100	C9H12	cis-bicyclo[4.3.0]nona-3,7-diene	38451-18-2	6.95822	1486.7462	205.406	44.12	188.29	3
6101	C9H12F3N3O5	N-[N-(N-(trifluoro-acetyl)glycyl)glycyl]-glycine methyl ester	651-18-3	15.75010	6969.0000	273.150	199.32	281.34	3
6102	C9H12O	benzyl ethyl ether	539-30-0	7.41944	1887.7949	230.940	63.13	214.55	1,2
6103	C9H12O	phenyl isopropyl ether	2741-16-4	6.51509	1234.4933	162.881	60.96	207.48	1,2
6104	C9H12O	phenyl propyl ether	622-85-5	7.82815	2210.7246	256.951	66.81	218.85	1,2
6105	C9H12O	2-phenyl-2-propanol	617-94-7	8.03839	2245.5645	233.391	85.65	228.99	1,2
6106	C9H12O	2-propylphenol	644-35-9	7.48273	1918.6355	195.071	100.89	251.03	1,2
6107	C9H12O	3-propylphenol	621-27-2	7.62060	1992.6175	192.402	108.57	256.51	1,2
6108	C9H12O	4-propylphenol	645-56-7	7.64762	2016.3633	191.151	112.17	260.36	1,2
6109	C9H12O	2-isopropylphenol	88-69-7	7.57610	1929.4492	196.433	96.97	242.65	1,2
6110	C9H12O	3-isopropylphenol	618-45-1	7.58090	1977.2324	192.680	107.77	256.79	1,2
6111	C9H12O	4-isopropylphenol	99-89-8	7.58131	1981.4800	192.347	108.73	258.04	1,2
6112	C9H12O	2-methyl-3-ethylphenol	1123-73-5	7.58055	1973.6928	192.958	71.00	255.74	1,2
6113	C9H12O	2-methyl-4-ethylphenol	2219-73-0	7.58076	1975.8166	192.792	107.45	256.37	1,2
6114	C9H12O	2-methyl-5-ethylphenol	1687-65-6	7.58079	1976.1705	192.764	107.53	256.47	1,2
6115	C9H12O	2-methyl-6-ethylphenol	1687-64-5	7.57592	1927.6795	196.572	96.57	242.13	1,2
6116	C9H12O	3-methyl-4-ethylphenol	1123-94-0	7.58159	1984.3117	192.124	109.37	258.88	1,2
6117	C9H12O	3-methyl-5-ethylphenol	698-71-5	7.58364	2005.5498	190.456	114.17	265.16	1,2
6118	C9H12O	3-methyl-6-ethylphenol	1687-61-2	7.57957	1963.7820	193.737	104.73	252.81	1,2
6119	C9H12O	4-methyl-2-ethylphenol	3855-26-3	7.57893	1957.4109	194.237	103.29	250.92	1,2
6120	C9H12O	4-methyl-3-ethylphenol	6161-67-7	7.58364	2005.5498	190.456	114.17	265.16	1,2
6121	C9H12O	2,3,4-trimethylphenol	526-85-2	7.58398	2009.0895	190.178	81.00	266.21	1,2
6122	C9H12O	2,3,5-trimethylphenol	697-82-5	7.58344	2003.4259	190.623	95.00	264.54	1,2
6123	C9H12O	2,3,6-trimethylphenol	2416-94-6	8.15626	2183.1597	190.220	114.85	248.66	2
6124	C9H12O	2,4,5-trimethylphenol	496-78-6	7.58344	2003.4259	190.623	113.69	264.54	1,2
6125	C9H12O	2,4,6-trimethylphenol	527-60-6	7.57837	1951.7477	194.682	72.00	249.25	1,2
6126	C9H12O	3,4,5-trimethylphenol	527-54-8	7.58885	2061.4792	186.064	108.00	281.71	1,2
6127	C9H12O2	cumene hydroperoxide	80-15-9	5.56073	854.7004	104.264	83.14	255.02	3
6128	C9H12S	propyl phenyl sulfide	874-79-3	7.19835	1799.3354	197.200	93.09	250.78	1,2
6129	C9H12S	isopropyl phenyl sulfide	3019-20-3	6.62699	1589.2814	199.480	82.96	261.83	2
6130	C9H12S	3-methyl-(1-thiapropryl)-benzene	34786-24-8	6.98767	1733.7151	197.390	92.16	258.15	2
6131	C9H12S	4-methyl-(1-thiapropryl)-benzene	622-63-9	7.01894	1746.1298	197.200	92.91	257.87	2
6132	C9H12S	2-ethyl-(1-thiaethyl)-benzene	20760-06-9	7.28249	1850.6479	195.680	98.89	255.63	2
6133	C9H12S	3-ethyl-(1-thiaethyl)-benzene	---	7.45258	1902.5878	191.399	103.46	254.09	2
6134	C9H12S	4-ethyl-(1-thiaethyl)-benzene	---	7.45258	1902.5878	191.399	103.46	254.09	2
6135	C9H12S	2,3-dimethyl-(1-thiaethyl)-benzene	---	7.64951	1977.9386	190.014	107.44	252.71	2
6136	C9H12S	2,4-dimethyl-(1-thiaethyl)-benzene	---	7.64951	1977.9386	190.014	107.44	252.71	2
6137	C9H12S	2,5-dimethyl-(1-thiaethyl)-benzene	---	7.64951	1977.9386	190.014	107.44	252.71	2
6138	C9H12S	2,6-dimethyl-(1-thiaethyl)-benzene	---	7.64951	1977.9386	190.014	107.44	252.71	2
6139	C9H12S	3,4-dimethyl-(1-thiaethyl)-benzene	---	7.64951	1977.9386	190.014	107.44	252.71	2
6140	C9H12S	3,5-dimethyl-(1-thiaethyl)-benzene	---	7.64951	1977.9386	190.014	107.44	252.71	2
6141	C9H12S	benzenepropanethiol	24734-68-7	7.03149	1773.0363	192.407	101.56	268.16	2
6142	C9H12S	2-isopropylbenzenethiol	6262-87-9	7.23464	1806.6372	194.904	94.87	250.87	1,2
6143	C9H12S	[(ethylthio)methyl]benzene	6263-62-3	7.03149	1773.0363	192.407	101.56	268.16	2
6144	C9H13N	amphetamine	300-62-9	5.94297	1050.6956	140.072	72.49	240.46	1,2
6145	C9H13N	benzylethylamine	14321-27-8	7.29443	1741.9764	202.132	74.62	221.44	1,2
6146	C9H13N	alpha,alpha-dimethylbenzenemethanamine	585-32-0	6.63500	1540.6034	201.437	71.96	244.71	2
6147	C9H13N	N,N-dimethylbenzylamine	103-83-3	7.03656	1617.8149	205.746	62.26	213.95	1,2
6148	C9H13N	alpha-ethylbenzenemethanamine	2941-20-0	7.08669	1714.8550	198.796	82.94	240.36	2
6149	C9H13N	4-methylbenzeneethanamine	3261-62-9	7.22880	1785.3797	196.572	90.06	244.59	1,2
6150	C9H13N	beta-methylbenzeneethanamine	582-22-9	7.27734	1787.6986	197.684	87.10	238.82	2
6151	C9H13N	N-methylbenzeneethanamine	589-08-2	7.37088	1804.3182	198.796	84.42	231.93	1,2
6152	C9H13N	2-butylpyridine	5058-19-5	6.79745	1592.5825	202.688	72.02	237.79	2
6153	C9H13N	2-tert-butylpyridine	5944-41-2	6.26070	1395.0034	208.804	56.37	244.29	2
6154	C9H13N	3-tert-butylpyridine	38031-78-6	6.97636	1662.1451	201.910	76.21	236.13	2
6155	C9H13N	4-butylpyridine	5335-75-1	7.49601	1854.8193	197.962	87.57	231.98	2
6156	C9H13N	4-tert-butylpyridine	3978-81-2	7.03365	1683.4322	201.437	77.57	235.61	2
6157	C9H13N	2,4-diethylpyridine	626-21-1	6.49823	1475.4396	203.939	64.41	240.95	2
6158	C9H13N	2-ethyl-3,5-dimethylpyridine	1123-96-2	7.08523	1702.5886	201.020	78.77	235.16	2
6159	C9H13N	3-ethyl-2,6-dimethylpyridine	23580-52-1	6.75891	1581.2264	203.800	31.33	238.24	2
6160	C9H13N	4-ethyl-2,6-dimethylpyridine	36917-36-9	6.60867	1520.4849	203.939	67.16	239.76	2

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mmHg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
6161	C9H13N	2,3,4,6-tetramethylpyridine	20820-82-0	7.26455	1769.1107	199.630	82.77	233.69	2
6162	C9H13N	2-ethyl-6-methylaniline	24549-06-2	7.31863	1876.7360	191.846	105.17	261.82	1,2
6163	C9H13N	N-ethyl-2-methylaniline	94-68-8	7.23624	1803.4349	196.016	93.17	248.79	1,2
6164	C9H13N	N-ethyl-3-methylaniline	102-27-2	7.31102	1841.5334	194.626	97.17	251.35	1,2
6165	C9H13N	N-ethyl-4-methylaniline	622-57-1	7.30791	1827.4545	195.738	93.97	247.17	1,2
6166	C9H13N	N-ethyl-N-methylaniline	613-97-8	7.29751	1781.7072	199.352	83.57	233.56	1,2
6167	C9H13N	2-isopropylaniline	643-28-7	7.08646	1776.0061	194.626	97.17	260.22	2
6168	C9H13N	4-isopropylaniline	99-88-7	7.31410	1855.6135	193.514	100.37	255.54	1,2
6169	C9H13N	N-isopropylaniline	768-52-5	6.54653	1566.3405	199.630	82.77	265.89	2
6170	C9H13N	2-methyl-N,N-dimethylaniline	609-72-3	7.19280	1664.3212	200.625	68.13	214.32	1,2
6171	C9H13N	3-methyl-N,N-dimethylaniline	121-72-2	7.19788	1779.4002	197.128	89.97	245.95	1,2
6172	C9H13N	4-methyl-N,N-dimethylaniline	99-97-8	7.30317	1806.3387	197.406	89.17	240.88	1,2
6173	C9H13N	2-propylaniline	1821-39-2	7.42400	1891.2656	193.236	101.17	252.59	1,2
6174	C9H13N	N-propylaniline	622-80-0	7.31180	1845.0533	194.348	97.97	252.40	1,2
6175	C9H13N	2,4,5-trimethylaniline	137-17-7	7.32123	1889.0587	190.873	68.00	265.49	1,2
6176	C9H13N	2,4,6-trimethylaniline	88-05-1	7.31975	1882.0171	191.429	106.37	263.39	1,2
6177	C9H13N	3-butylpyridine	539-32-2	7.30328	1791.8946	198.630	85.65	236.14	1,2
6178	C9H13N	dextroamphetamine	51-64-9	7.03611	1697.1218	199.491	81.67	240.83	2
6179	C9H13N	(S)-(-)-N,a-dimethylbenzylamine	19131-99-8	7.12423	1729.2318	198.577	83.78	240.05	2
6180	C9H13N	(S)-(-)-a,4-dimethylbenzylamine	27298-98-2	7.03907	1696.5951	199.074	81.86	240.77	2
6181	C9H13N	(R)-(+)-a,4-dimethylbenzylamine	4187-38-6	7.03907	1696.5951	199.074	81.86	240.77	2
6182	C9H13N	(R)-(+)-N,a-dimethylbenzylamine	5933-40-4	7.12423	1729.2318	198.577	83.78	240.05	2
6183	C9H13N	(R)-(+)-b-methylphenethylamine	28163-64-6	6.65873	1549.8179	201.298	72.58	244.45	2
6184	C9H13N	2-methylphenethylamine	55755-16-3	7.12423	1729.2318	198.577	83.78	240.05	2
6185	C9H13N	3-methylphenethylamine	55755-17-4	7.12423	1729.2318	198.577	83.78	240.05	2
6186	C9H13N	3-phenylpropylamine	2038-57-5	7.23518	1810.0089	194.626	95.66	251.92	1,2
6187	C9H13N	4-propylaniline	2696-84-6	7.27801	1841.7305	193.792	99.57	255.83	1,2
6188	C9H13N	2,6-diethylpyridine	935-28-4	7.40849	1822.4315	198.577	85.80	232.60	2
6189	C9H13N	2,4-dimethylbenzenemethanamine	94-98-4	7.23509	1802.0495	195.307	93.71	249.29	1,2
6190	C9H13N	2,3,5,6-tetramethylpyridine	3748-84-3	7.29404	1759.5324	201.145	78.41	226.74	1,2
6191	C9H14	1-nonen-3-yne	57223-18-4	6.87773	1512.1841	215.675	41.60	193.48	2
6192	C9H14	1-nonen-4-yne	31508-12-0	6.87773	1512.1841	215.675	41.60	193.48	2
6193	C9H14	2-nonen-4-yne	90644-60-3	6.87773	1512.1841	215.675	41.60	193.48	2
6194	C9H14	6,6-dimethyl-1-hepten-4-yne	31508-08-4	6.26021	1297.6124	221.314	25.37	200.21	2
6195	C9H14	3-propyl-3-hexen-1-yne	688-52-8	6.57571	1407.4549	218.256	34.17	196.45	2
6196	C9H14	1,2,3,4-tetramethyl-1,3-cyclopentadiene	4249-10-9	6.55593	1375.4176	216.588	30.97	191.05	3
6197	C9H14	2-vinylbicyclo[2.2.1]-heptane	2146-39-6	5.44509	783.2203	142.772	33.43	203.29	3
6198	C9H14	2-methylbicyclo[2.2.2]-oct-2-ene	4893-13-4	6.27161	1268.8100	211.530	29.16	199.12	3
6199	C9H14F3NO3	N-trifluoroacetyl-L-leucine methyl ester	1115-39-5	8.72010	2922.0000	273.150	105.34	254.45	3
6200	C9H14O	2-nonynal	---	6.51956	1608.8863	198.518	92.97	283.51	2
6201	C9H14O	3-nonynal	---	6.51956	1608.8863	198.518	92.97	283.51	2
6202	C9H14O	4-nonynal	---	6.51956	1608.8863	198.518	92.97	283.51	2
6203	C9H14O	5-nonynal	---	6.51956	1608.8863	198.518	92.97	283.51	2
6204	C9H14O	6-nonynal	---	6.51956	1608.8863	198.518	92.97	283.51	2
6205	C9H14O	7-nonynal	---	6.51956	1608.8863	198.518	92.97	283.51	2
6206	C9H14O	8-nonynal	---	6.51956	1608.8863	198.518	92.97	283.51	2
6207	C9H14O	2-methyl-7-octynal	---	6.27421	1509.8399	201.298	84.97	286.95	2
6208	C9H14O	3-methyl-7-octynal	---	6.27421	1509.8399	201.298	84.97	286.95	2
6209	C9H14O	4-methyl-7-octynal	---	6.27421	1509.8399	201.298	84.97	286.95	2
6210	C9H14O	5-methyl-7-octynal	---	6.27421	1509.8399	201.298	84.97	286.95	2
6211	C9H14O	6-methyl-7-octynal	---	6.27421	1509.8399	201.298	84.97	286.95	2
6212	C9H14O	4-methyl-2-octynal	---	6.27421	1509.8399	201.298	84.97	286.95	2
6213	C9H14O	5-methyl-2-octynal	---	6.27421	1509.8399	201.298	84.97	286.95	2
6214	C9H14O	6-methyl-2-octynal	---	6.27421	1509.8399	201.298	84.97	286.95	2
6215	C9H14O	7-methyl-2-octynal	---	6.27421	1509.8399	201.298	84.97	286.95	2
6216	C9H14O	isophorone	78-59-1	7.52645	2124.5949	243.781	81.75	245.24	1,2
6217	C9H14O	2-allylcyclohexanone	94-66-6	7.42019	1800.3899	199.616	80.81	225.17	3
6218	C9H14O	2-amylfuran	3777-69-3	9.77868	2505.6671	199.616	85.81	180.21	2
6219	C9H14O2	2-nonynoic acid	1846-70-4	7.69902	2181.0324	180.365	145	302	1,2
6220	C9H14O2	3-nonynoic acid	56630-33-2	7.70391	2309.4419	170.290	174	340	3
6221	C9H14O2	4-nonynoic acid	591-80-0	7.70391	2309.4419	170.290	174	340	3
6222	C9H14O2	5-nonynoic acid	56630-34-3	7.70391	2309.4419	170.290	174	340	3
6223	C9H14O2	6-nonynoic acid	56630-31-0	7.70391	2309.4419	170.290	174	340	3
6224	C9H14O2	7-nonynoic acid	---	7.70391	2309.4419	170.290	174	340	3
6225	C9H14O2	8-nonynoic acid	30964-01-3	7.70391	2309.4419	170.290	174	340	3
6226	C9H14O2	4-methyl-2-octynoic acid	---	7.70391	2309.4419	170.290	174	340	3
6227	C9H14O2	5-methyl-2-octynoic acid	---	7.70391	2309.4419	170.290	174	340	3
6228	C9H14O2	6-methyl-2-octynoic acid	---	7.70391	2309.4419	170.290	174	340	3
6229	C9H14O2	7-methyl-2-octynoic acid	---	7.70391	2309.4419	170.290	174	340	3
6230	C9H14O2	2-methyl-3-octynoic acid	---	7.70391	2309.4419	170.290	174	340	3
6231	C9H14O2	5-methyl-3-octynoic acid	---	7.70391	2309.4419	170.290	174	340	3
6232	C9H14O2	6-methyl-3-octynoic acid	---	7.70391	2309.4419	170.290	174	340	3
6233	C9H14O2	7-methyl-3-octynoic acid	---	7.70391	2309.4419	170.290	174	340	3
6234	C9H14O2	2-methyl-4-octynoic acid	---	7.70391	2309.4419	170.290	174	340	3
6235	C9H14O2	3-methyl-4-octynoic acid	---	7.70391	2309.4419	170.290	174	340	3
6236	C9H14O2	6-methyl-4-octynoic acid	---	7.70391	2309.4419	170.290	174	340	3
6237	C9H14O2	7-methyl-4-octynoic acid	---	7.70391	2309.4419	170.290	174	340	3
6238	C9H14O2	4-ethyl-2-heptynoic acid	---	7.70391	2309.4419	170.290	174	340	3
6239	C9H14O2	5-ethyl-2-heptynoic acid	---	7.70391	2309.4419	170.290	174	340	3
6240	C9H14O2	6-ethyl-2-heptynoic acid	---	7.70391	2309.4419	170.290	174	340	3

Table 1 Vapor Pressure – Organic Compounds

log ₁₀ P = A - B/(T + C) (P - mmHg, T - C)									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
6241	C9H14O6	glyceryl triacetate	102-76-1	7.74878	2162.4543	185.221	135.20	288.28	1,2
6242	C9H14S	2-pentylthiophene	4861-58-9	7.39658	1813.9094	199.005	84.57	231.37	2
6243	C9H14S	3-pentylthiophene	4861-58-9	7.19937	1740.9960	200.464	80.37	232.89	2
6244	C9H14S	2-isopentylthiophene	26963-33-7	7.25740	1769.2565	201.576	81.17	232.54	2
6245	C9H14S	3-isopentylthiophene	---	7.20845	1744.3571	200.395	80.57	232.81	2
6246	C9H14S	2-sec-pentylthiophene	---	6.89105	1626.7339	202.966	73.17	235.60	2
6247	C9H14S	3-sec-pentylthiophene	---	7.03226	1679.1088	201.785	76.57	234.30	2
6248	C9H14S	2-tert-pentylthiophene	10412-56-4	6.73414	1568.4371	204.356	69.17	237.17	2
6249	C9H14S	3-tert-pentylthiophene	---	6.86690	1617.7676	203.175	72.57	235.83	2
6250	C9H14S	2-methyl-3-butylthiophene	---	7.43575	1828.3751	198.727	85.37	231.08	2
6251	C9H14S	2-methyl-4-butyl thiophene	---	7.47545	1843.0347	198.449	86.17	230.80	2
6252	C9H14S	2-methyl-5-butyl thiophene	---	7.51570	1857.8924	198.171	86.97	230.52	2
6253	C9H14S	3-methyl-2-butylthiophene	---	7.23588	1754.5052	200.186	81.17	232.59	2
6254	C9H14S	3-methyl-4-butyl thiophene	---	7.27288	1768.1889	199.908	81.97	232.30	2
6255	C9H14S	3-methyl-5-butylthiophene	---	7.31037	1782.0507	199.630	82.77	232.01	2
6256	C9H15Cl	2-chloro-2-methyl-3-octyne	20599-21-7	5.99968	1391.9304	204.954	73.45	289.02	2
6257	C9H15Cl	1-chloro-1-nonyne	90722-14-8	5.99968	1391.9304	204.954	73.45	289.02	2
6258	C9H15Cl3O2	3-chloro-2,2-bis(chloromethyl)-propyl butanoate	900001-94-7	5.71191	1525.0774	169.390	152.85	433.39	3
6259	C9H15IrO2	bis(ethylene)(2,4-pentandione)iridium	52654-27-0	10.81434	4379.6200	273.150	173.10	300.66	3
6260	C9H15NOS	carbamothioic acid(1-methylethyl)-2-propynyl, S-ethyl ester	59300-33-3	10.95540	3801.8100	273.150	108.73	215.92	3
6261	C9H16	1-nonyne	3452-09-3	7.55154	1704.0631	214.139	45.96	175.83	1,2
6262	C9H16	2-nonyne	19447-29-1	7.55510	1743.3024	211.056	54.89	187.57	1,2
6263	C9H16	3-nonyne	20184-89-8	7.55297	1726.3184	212.391	51.05	182.55	1,2
6264	C9H16	4-nonyne	20184-91-2	7.55158	1715.3498	213.252	48.57	179.30	1,2
6265	C9H16	3-methyl-1-octyne	---	7.50286	1689.0155	214.364	45.37	176.52	2
6266	C9H16	4-methyl-1-octyne	---	7.50286	1689.0155	214.364	45.37	176.52	2
6267	C9H16	5-methyl-1-octyne	---	7.50286	1689.0155	214.364	45.37	176.52	2
6268	C9H16	6-methyl-1-octyne	---	7.50286	1689.0155	214.364	45.37	176.52	2
6269	C9H16	7-methyl-1-octyne	---	7.50286	1689.0155	214.364	45.37	176.52	2
6270	C9H16	4-methyl-2-octyne	---	7.50286	1689.0155	214.364	45.37	176.52	2
6271	C9H16	5-methyl-2-octyne	---	7.50286	1689.0155	214.364	45.37	176.52	2
6272	C9H16	6-methyl-2-octyne	---	7.50286	1689.0155	214.364	45.37	176.52	2
6273	C9H16	7-methyl-2-octyne	---	7.50286	1689.0155	214.364	45.37	176.52	2
6274	C9H16	5-methyl-3-octyne	---	7.50286	1689.0155	214.364	45.37	176.52	2
6275	C9H16	6-methyl-3-octyne	---	7.50286	1689.0155	214.364	45.37	176.52	2
6276	C9H16	7-methyl-3-octyne	37050-06-9	7.50286	1689.0155	214.364	45.37	176.52	2
6277	C9H16	3,3-dimethyl-1-heptyne	---	7.20853	1589.8832	216.310	39.77	178.53	2
6278	C9H16	3,4-dimethyl-1-heptyne	---	7.20853	1589.8832	216.310	39.77	178.53	2
6279	C9H16	3,5-dimethyl-1-heptyne	---	7.20853	1589.8832	216.310	39.77	178.53	2
6280	C9H16	3,6-dimethyl-1-heptyne	---	7.20853	1589.8832	216.310	39.77	178.53	2
6281	C9H16	4,4-dimethyl-2-heptyne	---	7.20853	1589.8832	216.310	39.77	178.53	2
6282	C9H16	4,5-dimethyl-2-heptyne	---	7.20853	1589.8832	216.310	39.77	178.53	2
6283	C9H16	4,6-dimethyl-2-heptyne	---	7.20853	1589.8832	216.310	39.77	178.53	2
6284	C9H16	2,6-dimethyl-3-heptyne	19549-97-4	7.06570	1551.8355	219.758	36.08	179.80	2
6285	C9H16	5,5-dimethyl-3-heptyne	23097-98-5	7.20853	1589.8832	216.310	39.77	178.53	2
6286	C9H16	3-ethyl-1-heptyne	---	7.50286	1689.0155	214.364	45.37	176.52	2
6287	C9H16	4-ethyl-1-heptyne	---	7.50286	1689.0155	214.364	45.37	176.52	2
6288	C9H16	5-ethyl-1-heptyne	---	7.50286	1689.0155	214.364	45.37	176.52	2
6289	C9H16	6-ethyl-1-heptyne	---	7.50286	1689.0155	214.364	45.37	176.52	2
6290	C9H16	2,2,5-trimethyl-3-hexyne	17530-23-3	6.97336	1510.4827	218.020	34.85	180.37	2
6291	C9H16	1,8-nonadiene	4900-30-5	7.64055	1708.7408	216.449	40.87	166.79	1,2
6292	C9H16	2,7-nonadiene	51333-70-1	7.66572	1746.5342	213.947	48.07	175.57	2
6293	C9H16	4-methyl-3,5-octadiene	36903-95-4	7.57375	1715.5732	214.503	46.47	176.12	2
6294	C9H16	7-methyl-2,4-octadiene	2216-70-8	7.65170	1734.1788	214.642	46.07	173.33	1,2
6295	C9H16	2,4-dimethyl-2,4-heptadiene	74421-05-9	7.09511	1554.0713	217.700	37.27	179.43	2
6296	C9H16	2,6-dimethyl-1,3-heptadiene	2436-84-2	7.21235	1593.6928	216.866	39.67	178.54	2
6297	C9H16	2,6-dimethyl-1,5-heptadiene	6709-39-3	7.29336	1621.0446	216.310	41.27	177.96	2
6298	C9H16	3,5-dimethyl-2,4-heptadiene	101935-28-8	7.17271	1580.3022	217.144	38.87	178.84	2
6299	C9H16	3-ethyl-2-methyl-1,5-hexadiene	73398-15-9	7.37676	1649.1852	215.754	42.87	177.38	2
6300	C9H16	7-methyl-1,6-octadiene	42152-47-6	7.31398	1628.0045	216.171	41.67	177.81	2
6301	C9H16	1-butylcyclopentene	2423-01-0	7.08449	1528.7101	209.360	41.89	182.35	1,2
6302	C9H16	4-isopropyl-1-methylcyclopentene	90769-70-3	6.92347	1485.7205	216.449	34.37	180.63	2
6303	C9H16	3-methyl-1-isopropylcyclopentene	51115-02-7	6.78281	1438.3664	217.561	31.17	181.88	2
6304	C9H16	3-butylcyclopentene	22511-00-8	7.00714	1494.2894	211.074	37.68	179.56	2
6305	C9H16	1,2,3-trimethylcyclohexene	72312-48-2	7.10977	1545.3700	214.364	38.57	179.07	2
6306	C9H16	1,3,5-trimethylcyclohexene	3643-64-9	6.78155	1435.1916	216.866	31.37	181.83	2
6307	C9H16	1,4,4-trimethylcyclohexene	3419-71-4	7.13643	1520.0804	217.144	30.57	167.24	1,2
6308	C9H16	1,4,5-trimethylcyclohexene	20030-32-4	7.15007	1539.5114	215.754	34.57	172.21	1,2
6309	C9H16	1,5,5-trimethylcyclohexene	503-46-8	6.74751	1423.7397	217.144	30.57	182.15	2
6310	C9H16	1,5,6-trimethylcyclohexene	116724-18-6	6.74751	1423.7397	217.144	30.57	182.15	2
6311	C9H16	1,6,6-trimethylcyclohexene	69745-49-9	7.11292	1533.4032	215.476	35.37	174.60	1,2
6312	C9H16	1-ethyl-4-methylcyclohexene	62088-36-2	7.04959	1526.9914	214.642	37.77	180.16	1,2
6313	C9H16	1-isopropyl-1-cyclohexene	4292-04-0	7.23131	1592.6999	212.947	42.65	180.36	1,2
6314	C9H16	3,5,5-trimethylcyclohexene	933-12-0	7.13027	1498.0751	218.924	25.45	160.49	1,2
6315	C9H16	cis-bicyclo[4.3.0]nonane	4551-51-3	6.95384	1519.6847	207.048	48.20	195.84	3
6316	C9H16	trans-bicyclo[4.3.0]nonane	3296-50-2	6.60172	1396.8008	209.331	40.02	199.11	3
6317	C9H16	2-ethylbicyclo[2.2.1]-heptane	2146-41-0	8.85329	3429.2932	408.121	28.55	196.54	3
6318	C9H16	cis-bicyclo[6.1.0]nonane	13757-43-2	8.06203	2275.6497	273.150	23.85	193.15	3
6319	C9H16	1,4-dimethylbicyclo-[2.2.1]-heptane	20454-81-3	5.31741	924.9795	213.558	0.69	219.57	3
6320	C9H16	trans-2,3-dimethylbicyclo-[2.2.1]-heptane	20558-16-1	5.88859	1135.5961	211.492	20.80	208.05	3

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mmHg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
6321	C9H16ClN5	propazine	139-40-2	8.23486	3436.4817	273.150	201.84	406.93	3
6322	C9H16Cl4	1,1,1,9-tetrachlorononane	1561-48-4	10.32636	3891.1000	265.850	151.37	278.78	3
6323	C9H16O	2-ethyl-2-methylcyclohexanone	17206-52-9	7.10582	1684.1330	201.854	73.97	227.34	2
6324	C9H16O	2-isopropylcyclohexanone	1004-77-9	6.71315	1539.9986	205.087	64.47	231.01	2
6325	C9H16O	4-isopropylcyclohexanone	5432-85-9	7.87612	1964.7978	196.572	89.17	221.98	2
6326	C9H16O	2-propylcyclohexanone	94-65-5	7.13416	1698.3555	201.298	75.57	228.41	1,2
6327	C9H16O	4-propylcyclohexanone	40649-36-3	7.83019	1948.1088	196.850	88.37	222.25	2
6328	C9H16O	2,2,3-trimethylcyclohexanone	39257-08-4	6.96733	1633.4760	202.966	32.57	228.54	2
6329	C9H16O	2,2,4-trimethylcyclohexanone	35413-38-8	6.73926	1550.4891	205.087	65.07	230.76	2
6330	C9H16O	2,2,5-trimethylcyclohexanone	933-36-8	6.71045	1539.3106	205.190	32.57	231.05	2
6331	C9H16O	2,2,6-trimethylcyclohexanone	2408-37-9	7.14788	1642.7820	206.441	60.77	207.77	1,2
6332	C9H16O	2,3,6-trimethylcyclohexanone	42185-47-7	7.14243	1678.1985	203.244	32.57	220.48	1,2
6333	C9H16O	2,4,4-trimethylcyclohexanone	2230-70-8	7.16835	1688.5004	202.966	70.77	220.59	1,2
6334	C9H16O	2,4,5-trimethylcyclohexanone	51299-55-9	7.10036	1676.2598	202.410	72.37	225.37	1,2
6335	C9H16O	2,4,6-trimethylcyclohexanone	90645-54-8	6.80382	1573.5675	204.356	32.57	230.09	2
6336	C9H16O	3,3,5-trimethylcyclohexanone	873-94-9	6.90070	1609.0746	203.522	32.57	229.16	2
6337	C9H16O	3,4,4-trimethylcyclohexanone	40441-35-8	6.73926	1550.4891	205.087	65.07	230.76	2
6338	C9H16O	2-methyl-5-octen-4-one	17577-93-4	6.40877	1470.9709	205.190	66.77	250.65	2
6339	C9H16O	2-methyl-7-octen-4-one	54298-97-4	6.41858	1474.6938	205.087	67.07	250.52	2
6340	C9H16O	5-methyl-1-octen-3-one	116836-13-6	6.41858	1474.6938	205.087	67.07	250.52	2
6341	C9H16O	7-methyl-5-octen-4-one	32064-78-1	6.41858	1474.6938	205.087	67.07	250.52	2
6342	C9H16O	2-nonyl-1-ol	5921-73-3	7.98817	2143.9796	193.026	114	253	3
6343	C9H16O	3-nonyl-1-ol	31333-13-8	7.98817	2143.9796	193.026	114	253	3
6344	C9H16O	4-nonyl-1-ol	---	7.98817	2143.9796	193.026	114	253	3
6345	C9H16O	5-nonyl-1-ol	---	7.98817	2143.9796	193.026	114	253	3
6346	C9H16O	6-nonyl-1-ol	---	7.98817	2143.9796	193.026	114	253	3
6347	C9H16O	7-nonyl-1-ol	---	7.98817	2143.9796	193.026	114	253	3
6348	C9H16O	8-nonyl-1-ol	---	7.98817	2143.9796	193.026	114	253	3
6349	C9H16O	3-nonyl-2-ol	---	7.98817	2143.9796	193.026	114	253	3
6350	C9H16O	4-nonyl-2-ol	---	7.98817	2143.9796	193.026	114	253	3
6351	C9H16O	5-nonyl-2-ol	---	7.98817	2143.9796	193.026	114	253	3
6352	C9H16O	6-nonyl-2-ol	---	7.98817	2143.9796	193.026	114	253	3
6353	C9H16O	7-nonyl-2-ol	---	7.98817	2143.9796	193.026	114	253	3
6354	C9H16O	8-nonyl-2-ol	---	7.98817	2143.9796	193.026	114	253	3
6355	C9H16O	1-nonyl-3-ol	7383-20-2	7.98817	2143.9796	193.026	114	253	3
6356	C9H16O	4-nonyl-3-ol	---	7.98817	2143.9796	193.026	114	253	3
6357	C9H16O	5-nonyl-3-ol	---	7.98817	2143.9796	193.026	114	253	3
6358	C9H16O	6-nonyl-3-ol	---	7.98817	2143.9796	193.026	114	253	3
6359	C9H16O	7-nonyl-3-ol	---	7.98817	2143.9796	193.026	114	253	3
6360	C9H16O	8-nonyl-3-ol	---	7.98817	2143.9796	193.026	114	253	3
6361	C9H16O	5-nonyl-4-ol	---	7.98817	2143.9796	193.026	114	253	3
6362	C9H16O	6-nonyl-4-ol	---	7.98817	2143.9796	193.026	114	253	3
6363	C9H16O	7-nonyl-4-ol	---	7.98817	2143.9796	193.026	114	253	3
6364	C9H16O	8-nonyl-4-ol	---	7.98817	2143.9796	193.026	114	253	3
6365	C9H16O	6-nonyl-5-ol	---	7.98817	2143.9796	193.026	114	253	3
6366	C9H16O	7-nonyl-5-ol	---	7.98817	2143.9796	193.026	114	253	3
6367	C9H16O	8-nonyl-5-ol	---	7.98817	2143.9796	193.026	114	253	3
6368	C9H16O	1-methyl-2-octyn-1-ol	---	7.98817	2143.9796	193.026	114	253	3
6369	C9H16O	4-methyl-2-octyn-1-ol	---	7.98817	2143.9796	193.026	114	253	3
6370	C9H16O	5-methyl-2-octyn-1-ol	---	7.98817	2143.9796	193.026	114	253	3
6371	C9H16O	6-methyl-2-octyn-1-ol	---	7.98817	2143.9796	193.026	114	253	3
6372	C9H16O	7-methyl-2-octyn-1-ol	---	7.98817	2143.9796	193.026	114	253	3
6373	C9H16O	1-methyl-3-octyn-1-ol	---	7.98817	2143.9796	193.026	114	253	3
6374	C9H16O	2-methyl-3-octyn-1-ol	---	7.98817	2143.9796	193.026	114	253	3
6375	C9H16O	5-methyl-3-octyn-1-ol	---	7.98817	2143.9796	193.026	114	253	3
6376	C9H16O	6-methyl-3-octyn-1-ol	---	7.98817	2143.9796	193.026	114	253	3
6377	C9H16O	7-methyl-3-octyn-1-ol	---	7.98817	2143.9796	193.026	114	253	3
6378	C9H16O	1-methyl-4-octyn-1-ol	---	7.98817	2143.9796	193.026	114	253	3
6379	C9H16O	2-methyl-4-octyn-1-ol	---	7.98817	2143.9796	193.026	114	253	3
6380	C9H16O	3-methyl-4-octyn-1-ol	---	7.98817	2143.9796	193.026	114	253	3
6381	C9H16O	6-methyl-4-octyn-1-ol	---	7.98817	2143.9796	193.026	114	253	3
6382	C9H16O	7-methyl-4-octyn-1-ol	---	7.98817	2143.9796	193.026	114	253	3
6383	C9H16O	1-methyl-5-octyn-1-ol	---	7.98817	2143.9796	193.026	114	253	3
6384	C9H16O	2-methyl-5-octyn-1-ol	---	7.98817	2143.9796	193.026	114	253	3
6385	C9H16O	3-methyl-5-octyn-1-ol	---	7.98817	2143.9796	193.026	114	253	3
6386	C9H16O	4-methyl-5-octyn-1-ol	---	7.98817	2143.9796	193.026	114	253	3
6387	C9H16O	7-methyl-5-octyn-1-ol	---	7.98817	2143.9796	193.026	114	253	3
6388	C9H16O	1-methyl-6-octyn-1-ol	---	7.98817	2143.9796	193.026	114	253	3
6389	C9H16O	2-methyl-6-octyn-1-ol	---	7.98817	2143.9796	193.026	114	253	3
6390	C9H16O	3-methyl-6-octyn-1-ol	---	7.98817	2143.9796	193.026	114	253	3
6391	C9H16O	4-methyl-6-octyn-1-ol	---	7.98817	2143.9796	193.026	114	253	3
6392	C9H16O	5-methyl-6-octyn-1-ol	---	7.98817	2143.9796	193.026	114	253	3
6393	C9H16O	1-methyl-7-octyn-1-ol	---	7.98817	2143.9796	193.026	114	253	3
6394	C9H16O	2-methyl-7-octyn-1-ol	---	7.98817	2143.9796	193.026	114	253	3
6395	C9H16O	3-methyl-7-octyn-1-ol	---	7.98817	2143.9796	193.026	114	253	3
6396	C9H16O	4-methyl-7-octyn-1-ol	---	7.98817	2143.9796	193.026	114	253	3
6397	C9H16O	5-methyl-7-octyn-1-ol	---	7.98817	2143.9796	193.026	114	253	3
6398	C9H16O	6-methyl-7-octyn-1-ol	---	7.98817	2143.9796	193.026	114	253	3
6399	C9H16O	2-methyl-3-octyn-2-ol	---	7.98817	2143.9796	193.026	114	253	3
6400	C9H16O	cis-2-methyl-3-octyn-2-ol	---	7.98817	2143.9796	193.026	114	253	3

Table 1 Vapor Pressure – Organic Compounds

log ₁₀ P = A - B/(T + C) (P - mmHg, T - C)									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
6401	C9H16O	trans-2-methyl-3-octyn-2-ol	---	7.98817	2143.9796	193.026	114	253	3
6402	C9H16O	3-methyl-1-octyn-3-ol	23580-51-0	7.98817	2143.9796	193.026	114	253	3
6403	C9H16O	3-methyl-4-octyn-3-ol	---	7.98817	2143.9796	193.026	114	253	3
6404	C9H16O	4-methyl-1-octyn-4-ol	---	7.98817	2143.9796	193.026	114	253	3
6405	C9H16O	5-methyl-5-octyn-4-ol	---	7.98817	2143.9796	193.026	114	253	3
6406	C9H16O	7-methyl-2-octyn-4-ol	---	7.98817	2143.9796	193.026	114	253	3
6407	C9H16O	2,6-nonadien-1-ol	7786-44-9	6.92709	1666.4308	205.087	76.07	239.86	2
6408	C9H16O	2,4-dimethyl-2,6-heptadien-1-ol, isomers	80192-56-9	6.92709	1666.4308	205.087	76.07	239.86	2
6409	C9H16O	2-nonenal	2463-53-8	7.26575	1781.9819	199.630	84.77	236.71	2
6410	C9H16O	trans-2-nonenal	18829-56-6	7.26575	1781.9819	199.630	84.77	236.71	2
6411	C9H16O	3-nonenal	31823-43-5	7.26575	1781.9819	199.630	84.77	236.71	2
6412	C9H16O	4-nonenal	2277-16-9	7.26575	1781.9819	199.630	84.77	236.71	2
6413	C9H16O	5-nonenal	---	7.26575	1781.9819	199.630	84.77	236.71	2
6414	C9H16O	6-nonenal	2277-19-2	7.26575	1781.9819	199.630	84.77	236.71	2
6415	C9H16O	trans-6-nonenal	2277-20-5	7.26575	1781.9819	199.630	84.77	236.71	2
6416	C9H16O	7-nonenal	---	7.26575	1781.9819	199.630	84.77	236.71	2
6417	C9H16O	8-nonenal	---	6.92035	1652.8459	202.410	76.77	239.70	2
6418	C9H16O	2-methyl-2-octenal	73757-27-4	6.92035	1652.8459	202.410	76.77	239.70	2
6419	C9H16O	3-methyl-2-octenal	---	6.92035	1652.8459	202.410	76.77	239.70	2
6420	C9H16O	4-methyl-2-octenal	---	6.92035	1652.8459	202.410	76.77	239.70	2
6421	C9H16O	5-methyl-2-octenal	---	6.92035	1652.8459	202.410	76.77	239.70	2
6422	C9H16O	6-methyl-2-octenal	---	6.92035	1652.8459	202.410	76.77	239.70	2
6423	C9H16O	7-methyl-2-octenal	---	6.92035	1652.8459	202.410	76.77	239.70	2
6424	C9H16O	2-methyl-3-octenal	---	6.92035	1652.8459	202.410	76.77	239.70	2
6425	C9H16O	3-methyl-3-octenal	---	6.92035	1652.8459	202.410	76.77	239.70	2
6426	C9H16O	4-methyl-3-octenal	---	6.92035	1652.8459	202.410	76.77	239.70	2
6427	C9H16O	5-methyl-3-octenal	---	6.92035	1652.8459	202.410	76.77	239.70	2
6428	C9H16O	6-methyl-3-octenal	---	6.92035	1652.8459	202.410	76.77	239.70	2
6429	C9H16O	7-methyl-3-octenal	---	6.92035	1652.8459	202.410	76.77	239.70	2
6430	C9H16O	2-methyl-4-octenal	---	6.92035	1652.8459	202.410	76.77	239.70	2
6431	C9H16O	3-methyl-4-octenal	---	6.92035	1652.8459	202.410	76.77	239.70	2
6432	C9H16O	4-methyl-4-octenal	---	6.92035	1652.8459	202.410	76.77	239.70	2
6433	C9H16O	5-methyl-4-octenal	---	6.92035	1652.8459	202.410	76.77	239.70	2
6434	C9H16O	6-methyl-4-octenal	---	6.92035	1652.8459	202.410	76.77	239.70	2
6435	C9H16O	7-methyl-4-octenal	---	6.92035	1652.8459	202.410	76.77	239.70	2
6436	C9H16O	2-methyl-5-octenal	---	6.92035	1652.8459	202.410	76.77	239.70	2
6437	C9H16O	3-methyl-5-octenal	---	6.92035	1652.8459	202.410	76.77	239.70	2
6438	C9H16O	4-methyl-5-octenal	---	6.92035	1652.8459	202.410	76.77	239.70	2
6439	C9H16O	5-methyl-5-octenal	---	6.92035	1652.8459	202.410	76.77	239.70	2
6440	C9H16O	6-methyl-5-octenal	---	6.92035	1652.8459	202.410	76.77	239.70	2
6441	C9H16O	7-methyl-5-octenal	---	6.92035	1652.8459	202.410	76.77	239.70	2
6442	C9H16O	2-methyl-6-octenal	---	6.92035	1652.8459	202.410	76.77	239.70	2
6443	C9H16O	3-methyl-6-octenal	---	6.92035	1652.8459	202.410	76.77	239.70	2
6444	C9H16O	4-methyl-6-octenal	---	6.92035	1652.8459	202.410	76.77	239.70	2
6445	C9H16O	5-methyl-6-octenal	---	6.92035	1652.8459	202.410	76.77	239.70	2
6446	C9H16O	6-methyl-6-octenal	---	6.92035	1652.8459	202.410	76.77	239.70	2
6447	C9H16O	7-methyl-6-octenal	---	6.92035	1652.8459	202.410	76.77	239.70	2
6448	C9H16O	2-methyl-7-octenal	---	6.92035	1652.8459	202.410	76.77	239.70	2
6449	C9H16O	3-methyl-7-octenal	---	6.92035	1652.8459	202.410	76.77	239.70	2
6450	C9H16O	4-methyl-7-octenal	---	6.92035	1652.8459	202.410	76.77	239.70	2
6451	C9H16O	5-methyl-7-octenal	---	6.92035	1652.8459	202.410	76.77	239.70	2
6452	C9H16O	6-methyl-7-octenal	---	6.92035	1652.8459	202.410	76.77	239.70	2
6453	C9H16O	7-methyl-7-octenal	---	6.92035	1652.8459	202.410	76.77	239.70	2
6454	C9H16O	2,2-dimethyl-2-heptenal	---	6.61500	1538.2880	205.190	68.77	242.88	2
6455	C9H16O	2,3-dimethyl-2-heptenal	---	6.61500	1538.2880	205.190	68.77	242.88	2
6456	C9H16O	2,4-dimethyl-2-heptenal	---	6.61500	1538.2880	205.190	68.77	242.88	2
6457	C9H16O	2,5-dimethyl-2-heptenal	---	6.61500	1538.2880	205.190	68.77	242.88	2
6458	C9H16O	2,6-dimethyl-2-heptenal	---	6.61500	1538.2880	205.190	68.77	242.88	2
6459	C9H16O	2,2-dimethyl-3-heptenal	---	6.61500	1538.2880	205.190	68.77	242.88	2
6460	C9H16O	2,3-dimethyl-3-heptenal	---	6.61500	1538.2880	205.190	68.77	242.88	2
6461	C9H16O	2,4-dimethyl-3-heptenal	---	6.61500	1538.2880	205.190	68.77	242.88	2
6462	C9H16O	2,5-dimethyl-3-heptenal	---	6.61500	1538.2880	205.190	68.77	242.88	2
6463	C9H16O	2,6-dimethyl-3-heptenal	---	6.61500	1538.2880	205.190	68.77	242.88	2
6464	C9H16O	2,2-dimethyl-4-heptenal	---	6.61500	1538.2880	205.190	68.77	242.88	2
6465	C9H16O	2,3-dimethyl-4-heptenal	---	6.61500	1538.2880	205.190	68.77	242.88	2
6466	C9H16O	2,4-dimethyl-4-heptenal	---	6.61500	1538.2880	205.190	68.77	242.88	2
6467	C9H16O	2,5-dimethyl-4-heptenal	---	6.61500	1538.2880	205.190	68.77	242.88	2
6468	C9H16O	2,6-dimethyl-4-heptenal	---	6.61500	1538.2880	205.190	68.77	242.88	2
6469	C9H16O	2,2-dimethyl-5-heptenal	---	6.61500	1538.2880	205.190	68.77	242.88	2
6470	C9H16O	2,3-dimethyl-5-heptenal	---	6.61500	1538.2880	205.190	68.77	242.88	2
6471	C9H16O	2,4-dimethyl-5-heptenal	---	6.61500	1538.2880	205.190	68.77	242.88	2
6472	C9H16O	2,5-dimethyl-5-heptenal	---	6.61500	1538.2880	205.190	68.77	242.88	2
6473	C9H16O	2,6-dimethyl-5-heptenal	106-72-9	6.61500	1538.2880	205.190	68.77	242.88	2
6474	C9H16O	2,2-dimethyl-6-heptenal	---	6.61500	1538.2880	205.190	68.77	242.88	2
6475	C9H16O	2,3-dimethyl-6-heptenal	---	6.61500	1538.2880	205.190	68.77	242.88	2
6476	C9H16O	2,4-dimethyl-6-heptenal	---	6.61500	1538.2880	205.190	68.77	242.88	2
6477	C9H16O	2,5-dimethyl-6-heptenal	---	6.61500	1538.2880	205.190	68.77	242.88	2
6478	C9H16O	2,6-dimethyl-6-heptenal	---	6.61500	1538.2880	205.190	68.77	242.88	2
6479	C9H16O	2,2-dimethyl-7-heptenal	---	6.61500	1538.2880	205.190	68.77	242.88	2
6480	C9H16O	2,3-dimethyl-7-heptenal	---	6.61500	1538.2880	205.190	68.77	242.88	2

Table 1 Vapor Pressure – Organic Compounds

log ₁₀ P = A - B/(T + C) (P - mmHg, T - C)									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
6481	C9H16O	2,4-dimethyl-7-heptenal	---	6.61500	1538.2880	205.190	68.77	242.88	2
6482	C9H16O	2,5-dimethyl-7-heptenal	---	6.61500	1538.2880	205.190	68.77	242.88	2
6483	C9H16O	2,6-dimethyl-7-heptenal	---	6.61500	1538.2880	205.190	68.77	242.88	2
6484	C9H16O	trans-3-nonen-2-one	18402-83-0	6.41858	1474.6938	205.087	67.07	250.52	2
6485	C9H16OS	tetrahydro-2,2,6,6-tetramethyl-4h-thiopyran-4-one	22842-41-7	6.49010	1813.8000	273.150	20.85	275.12	3
6486	C9H16O2	2-nonenic acid	3760-11-0	6.93599	1866.6087	186.286	128.17	310.93	2
6487	C9H16O2	3-nonenic acid	4124-88-3	6.93599	1866.6087	186.286	128.17	310.93	2
6488	C9H16O2	4-nonenic acid	---	6.93599	1866.6087	186.286	128.17	310.93	2
6489	C9H16O2	5-nonenic acid	---	6.93599	1866.6087	186.286	128.17	310.93	2
6490	C9H16O2	6-nonenic acid	---	6.93599	1866.6087	186.286	128.17	310.93	2
6491	C9H16O2	7-nonenic acid	---	6.93599	1866.6087	186.286	128.17	310.93	2
6492	C9H16O2	8-nonenic acid	31642-67-8	6.93599	1866.6087	186.286	128.17	310.93	2
6493	C9H16O2	2-methyl-2-octenoic acid	---	6.71393	1772.9202	188.510	121.77	313.44	2
6494	C9H16O2	3-methyl-2-octenoic acid	---	6.71393	1772.9202	188.510	121.77	313.44	2
6495	C9H16O2	4-methyl-2-octenoic acid	---	6.71393	1772.9202	188.510	121.77	313.44	2
6496	C9H16O2	5-methyl-2-octenoic acid	---	6.71393	1772.9202	188.510	121.77	313.44	2
6497	C9H16O2	6-methyl-2-octenoic acid	---	6.71393	1772.9202	188.510	121.77	313.44	2
6498	C9H16O2	7-methyl-2-octenoic acid	---	6.71393	1772.9202	188.510	121.77	313.44	2
6499	C9H16O2	2-methyl-3-octenoic acid	---	6.71393	1772.9202	188.510	121.77	313.44	2
6500	C9H16O2	3-methyl-3-octenoic acid	---	6.71393	1772.9202	188.510	121.77	313.44	2
6501	C9H16O2	4-methyl-3-octenoic acid	---	6.71393	1772.9202	188.510	121.77	313.44	2
6502	C9H16O2	5-methyl-3-octenoic acid	---	6.71393	1772.9202	188.510	121.77	313.44	2
6503	C9H16O2	6-methyl-3-octenoic acid	---	6.71393	1772.9202	188.510	121.77	313.44	2
6504	C9H16O2	7-methyl-3-octenoic acid	---	6.71393	1772.9202	188.510	121.77	313.44	2
6505	C9H16O2	2-methyl-4-octenoic acid	---	6.71393	1772.9202	188.510	121.77	313.44	2
6506	C9H16O2	3-methyl-4-octenoic acid	---	6.71393	1772.9202	188.510	121.77	313.44	2
6507	C9H16O2	4-methyl-4-octenoic acid	---	6.71393	1772.9202	188.510	121.77	313.44	2
6508	C9H16O2	5-methyl-4-octenoic acid	---	6.71393	1772.9202	188.510	121.77	313.44	2
6509	C9H16O2	6-methyl-4-octenoic acid	---	6.71393	1772.9202	188.510	121.77	313.44	2
6510	C9H16O2	7-methyl-4-octenoic acid	---	6.71393	1772.9202	188.510	121.77	313.44	2
6511	C9H16O2	2,3-dimethyl-2-heptenoic acid	---	6.50979	1686.5705	190.734	115.37	316.06	2
6512	C9H16O2	2,4-dimethyl-2-heptenoic acid	---	6.50979	1686.5705	190.734	115.37	316.06	2
6513	C9H16O2	2,5-dimethyl-2-heptenoic acid	---	6.50979	1686.5705	190.734	115.37	316.06	2
6514	C9H16O2	2,6-dimethyl-2-heptenoic acid	---	6.50979	1686.5705	190.734	115.37	316.06	2
6515	C9H16O2	2-ethyl-2-heptenoic acid	---	6.60976	1728.8846	189.622	118.57	314.73	2
6516	C9H16O2	3-ethyl-2-heptenoic acid	---	6.60976	1728.8846	189.622	118.57	314.73	2
6517	C9H16O2	4-ethyl-2-heptenoic acid	---	6.60976	1728.8846	189.622	118.57	314.73	2
6518	C9H16O2	5-ethyl-2-heptenoic acid	---	6.60976	1728.8846	189.622	118.57	314.73	2
6519	C9H16O2	6-ethyl-2-heptenoic acid	---	6.60976	1728.8846	189.622	118.57	314.73	2
6520	C9H16O2	3,5-dimethyl-3-hydroxyhexane-4-carboxylic acid b-lactone	69928-30-9	9.34496	2627.8276	186.050	128.85	240.33	3
6521	C9H16O2	allyl hexanoate	123-68-2	7.42369	1793.6627	204.356	74.87	218.49	2
6522	C9H16O2	ethyl 2-methyl-2-hexenoate	26311-33-1	7.75332	1911.9204	201.916	81.19	216.31	2
6523	C9H16O2	ethyl 2-methyl-3-hexenoate	21994-78-5	7.75332	1911.9204	201.916	81.19	216.31	2
6524	C9H16O2	ethyl 3-methyl-3-hexenoate	21994-77-4	7.75332	1911.9204	201.916	81.19	216.31	2
6525	C9H16O2	hexyl acrylate	2499-95-8	7.75332	1911.9204	201.916	81.19	216.31	2
6526	C9H16O2	2-ethylbutyl acrylate	3593-10-4	7.75332	1911.9204	201.916	81.19	216.31	2
6527	C9H16O2	2-ethylbutylacrylate	3953-10-4	10.76577	2997.0401	189.622	117.27	205.56	2
6528	C9H16O2	cis-3-hexenyl propionate	33467-74-2	8.16746	2063.0781	199.769	88.07	214.04	2
6529	C9H16O2	trans-2-hexenyl propionate	53398-80-4	7.75332	1911.9204	201.916	81.19	216.31	2
6530	C9H16O2	2,4-nonanedione	6175-23-1	6.86347	1642.4072	201.916	78.19	244.19	3
6531	C9H16O2	2,8-nonanedione	30502-73-9	6.86347	1642.4072	201.916	78.19	244.19	3
6532	C9H16O4	azelaic acid	123-99-9	7.95382	2667.0764	155.238	228.30	403.67	1,2
6533	C9H16O4	diethyl glutarate	818-38-2	8.52634	2795.5328	261.951	109.48	261.12	3
6534	C9H16O4	trimethylhexanedioic acid	28472-18-6	7.91838	2616.4368	158.737	219.45	393.66	3
6535	C9H17Br	1-bromo-1-nonene	---	8.24854	2145.2861	195.071	100.89	228.34	2
6536	C9H17Br	cis-1-bromo-1-nonene	39924-58-8	8.07791	2077.0915	195.071	98.39	229.17	2
6537	C9H17Br	trans-1-bromo-1-nonene	53434-75-6	8.07791	2077.0915	195.071	98.39	229.17	2
6538	C9H17Br	2-bromo-1-nonene	---	8.24854	2145.2861	195.071	100.89	228.34	2
6539	C9H17Br	3-bromo-1-nonene	---	8.24854	2145.2861	195.071	100.89	228.34	2
6540	C9H17Br	4-bromo-1-nonene	---	8.24854	2145.2861	195.071	100.89	228.34	2
6541	C9H17Br	5-bromo-1-nonene	---	8.24854	2145.2861	195.071	100.89	228.34	2
6542	C9H17Br	6-bromo-1-nonene	---	8.24854	2145.2861	195.071	100.89	228.34	2
6543	C9H17Br	7-bromo-1-nonene	---	8.24854	2145.2861	195.071	100.89	228.34	2
6544	C9H17Br	8-bromo-1-nonene	---	8.24854	2145.2861	195.071	100.89	228.34	2
6545	C9H17Br	9-bromo-1-nonene	---	8.24854	2145.2861	195.071	100.89	228.34	2
6546	C9H17Br	1-bromo-2-nonene	---	8.24854	2145.2861	195.071	100.89	228.34	2
6547	C9H17Br	2-bromo-2-nonene	---	8.24854	2145.2861	195.071	100.89	228.34	2
6548	C9H17Br	3-bromo-2-nonene	---	8.24854	2145.2861	195.071	100.89	228.34	2
6549	C9H17Br	4-bromo-2-nonene	---	8.24854	2145.2861	195.071	100.89	228.34	2
6550	C9H17Br	5-bromo-2-nonene	---	8.24854	2145.2861	195.071	100.89	228.34	2
6551	C9H17Br	6-bromo-2-nonene	---	8.24854	2145.2861	195.071	100.89	228.34	2
6552	C9H17Br	7-bromo-2-nonene	---	8.24854	2145.2861	195.071	100.89	228.34	2
6553	C9H17Br	8-bromo-2-nonene	---	8.24854	2145.2861	195.071	100.89	228.34	2
6554	C9H17Br	9-bromo-2-nonene	---	8.24854	2145.2861	195.071	100.89	228.34	2
6555	C9H17Br3	1,1,1-tribromononane	62127-66-6	7.69547	2236.0762	173.498	160.47	321.91	2
6556	C9H17Cl	1-chloro-1-nonene	---	6.97467	1698.9339	200.186	84.17	247.75	2
6557	C9H17Cl	cis-1-chloro-1-nonene	66688-72-0	6.97467	1698.9339	200.186	84.17	247.75	2
6558	C9H17Cl	trans-1-chloro-1-nonene	66688-73-1	6.97467	1698.9339	200.186	84.17	247.75	2
6559	C9H17Cl	2-chloro-1-nonene	---	6.99101	1705.1446	200.047	84.57	247.60	2
6560	C9H17Cl	3-chloro-1-nonene	---	7.00745	1711.3925	199.908	84.97	247.44	2

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mmHg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
6561	C9H17Cl	4-chloro-1-nonene	---	7.02400	1717.6780	199.769	85.37	247.29	2
6562	C9H17Cl	5-chloro-1-nonene	---	7.04064	1724.0014	199.630	85.77	247.14	2
6563	C9H17Cl	6-chloro-1-nonene	---	7.05739	1730.3631	199.491	86.17	246.99	2
6564	C9H17Cl	7-chloro-1-nonene	---	7.07425	1736.7633	199.352	86.57	246.84	2
6565	C9H17Cl	8-chloro-1-nonene	---	7.09121	1743.2026	199.213	86.97	246.69	2
6566	C9H17Cl	9-chloro-1-nonene	---	7.10828	1749.6812	199.074	87.37	246.54	2
6567	C9H17Cl	1-chloro-2-nonene	---	7.12545	1756.1996	198.935	87.77	246.39	2
6568	C9H17Cl	2-chloro-2-nonene	---	7.00745	1711.3925	199.908	84.97	247.44	2
6569	C9H17Cl	3-chloro-2-nonene	---	7.02400	1717.6780	199.769	85.37	247.29	2
6570	C9H17Cl	4-chloro-2-nonene	---	7.04064	1724.0014	199.630	85.77	247.14	2
6571	C9H17Cl	5-chloro-2-nonene	---	7.05739	1730.3631	199.491	86.17	246.99	2
6572	C9H17Cl	6-chloro-2-nonene	---	7.07425	1736.7633	199.352	86.57	246.84	2
6573	C9H17Cl	7-chloro-2-nonene	---	7.09121	1743.2026	199.213	86.97	246.69	2
6574	C9H17Cl	8-chloro-2-nonene	---	7.10828	1749.6812	199.074	87.37	246.54	2
6575	C9H17Cl	9-chloro-2-nonene	---	7.12545	1756.1996	198.935	87.77	246.39	2
6576	C9H17Cl	(3-chloropropyl)cyclohexane	1124-62-5	7.46196	1883.7103	196.378	95.13	243.73	2
6577	C9H17Cl3	1,1,1-trichlorononane	1071-84-7	7.05162	1853.6247	188.232	118.07	290.77	2
6578	C9H17F	1-fluoro-1-nonene	---	6.78830	1548.4873	210.750	56.77	218.62	2
6579	C9H17F	cis-1-fluoro-1-nonene	66688-74-2	6.78830	1548.4873	210.750	56.77	218.62	2
6580	C9H17F	trans-1-fluoro-1-nonene	66688-75-3	6.78830	1548.4873	210.750	56.77	218.62	2
6581	C9H17F	2-fluoro-1-nonene	---	6.80430	1554.2826	210.611	57.17	218.46	2
6582	C9H17F	3-fluoro-1-nonene	---	6.82040	1560.1130	210.472	57.57	218.30	2
6583	C9H17F	4-fluoro-1-nonene	---	6.83660	1565.9790	210.333	57.97	218.14	2
6584	C9H17F	5-fluoro-1-nonene	---	6.85290	1571.8807	210.194	58.37	217.99	2
6585	C9H17F	6-fluoro-1-nonene	---	6.86931	1577.8186	210.055	58.77	217.83	2
6586	C9H17F	7-fluoro-1-nonene	---	6.88582	1583.7931	209.916	59.17	217.68	2
6587	C9H17F	8-fluoro-1-nonene	---	6.90243	1589.8044	209.777	59.57	217.52	2
6588	C9H17F	9-fluoro-1-nonene	---	6.91915	1595.8529	209.638	59.97	217.37	2
6589	C9H17F	1-fluoro-2-nonene	---	6.93598	1601.9390	209.499	60.37	217.21	2
6590	C9H17F	2-fluoro-2-nonene	---	6.95292	1608.0630	209.360	60.77	217.06	2
6591	C9H17F	3-fluoro-2-nonene	---	6.96996	1614.2253	209.221	61.17	216.91	2
6592	C9H17F	4-fluoro-2-nonene	---	6.98711	1620.4262	209.082	61.57	216.76	2
6593	C9H17F	5-fluoro-2-nonene	---	7.00438	1626.6662	208.943	61.97	216.60	2
6594	C9H17F	6-fluoro-2-nonene	---	7.02176	1632.9457	208.804	62.37	216.45	2
6595	C9H17F	7-fluoro-2-nonene	---	7.03925	1639.2649	208.665	62.77	216.30	2
6596	C9H17F	8-fluoro-2-nonene	---	7.05685	1645.6244	208.526	63.17	216.15	2
6597	C9H17F	9-fluoro-2-nonene	---	7.07457	1652.0244	208.387	63.57	216.00	2
6598	C9H17F3	1,1,1-trifluorononane	55757-34-1	6.49086	1395.8936	216.550	37.67	205.30	3
6599	C9H17I	1-iodo-1-nonene	---	8.93020	2415.0485	191.568	112.97	228.56	2
6600	C9H17I	cis-1-iodo-1-nonene	27370-94-1	8.93020	2415.0485	191.568	112.97	228.56	2
6601	C9H17I	trans-1-iodo-1-nonene	26143-08-8	8.93020	2415.0485	191.568	112.97	228.56	2
6602	C9H17I	2-iodo-1-nonene	---	8.94251	2419.6287	191.513	113.13	228.51	2
6603	C9H17I	3-iodo-1-nonene	---	8.95487	2424.2242	191.457	113.29	228.47	2
6604	C9H17I	4-iodo-1-nonene	---	8.96727	2428.8351	191.402	113.45	228.42	2
6605	C9H17I	5-iodo-1-nonene	---	8.97972	2433.4615	191.346	113.61	228.37	2
6606	C9H17I	6-iodo-1-nonene	---	8.99220	2438.1033	191.290	113.77	228.32	2
6607	C9H17I	7-iodo-1-nonene	---	9.00473	2442.7609	191.235	113.93	228.28	2
6608	C9H17I	8-iodo-1-nonene	---	9.01730	2447.4341	191.179	114.09	228.23	2
6609	C9H17I	9-iodo-1-nonene	---	9.02991	2452.1230	191.124	114.25	228.18	2
6610	C9H17I	1-iodo-2-nonene	---	9.04257	2456.8279	191.068	114.41	228.13	2
6611	C9H17I	2-iodo-2-nonene	---	9.05527	2461.5486	191.012	114.57	228.09	2
6612	C9H17I	3-iodo-2-nonene	---	9.06802	2466.2854	190.957	114.73	228.04	2
6613	C9H17I	4-iodo-2-nonene	---	9.08081	2471.0383	190.901	114.89	227.99	2
6614	C9H17I	5-iodo-2-nonene	---	9.09364	2475.8074	190.846	115.05	227.95	2
6615	C9H17I	6-iodo-2-nonene	---	9.10652	2480.5928	190.790	115.21	227.90	2
6616	C9H17I	7-iodo-2-nonene	---	9.11944	2485.3945	190.734	115.37	227.85	2
6617	C9H17I	8-iodo-2-nonene	---	9.13240	2490.2127	190.679	115.53	227.81	2
6618	C9H17I	9-iodo-2-nonene	---	9.14542	2495.0473	190.623	115.69	227.76	2
6619	C9H17N	nonanenitrile	2243-27-8	7.23851	1822.0887	193.681	98.39	255.48	1,2
6620	C9H17N	1,1,3,3-tetramethylbutyl isocyanide	14542-93-9	6.37289	1486.2538	205.371	71.25	260.39	3
6621	C9H17NO	octyl isocyanate	3158-26-7	7.10413	1769.4534	199.908	89.97	251.22	2
6622	C9H17NO3S	N-acetyl-(+)-methionine ethyl ester	33280-93-2	10.16630	4264.0000	273.150	158.85	337.35	3
6623	C9H17N5S	ametryn	834-12-8	11.91110	5270.0000	273.150	209.84	330.57	3
6624	C9H18	butylcyclopentane	2040-95-1	7.07418	1555.0987	214.097	41.92	185.43	1,2
6625	C9H18	isobutylcyclopentane	3788-32-7	7.10222	1519.0940	211.885	37.06	175.60	1,2
6626	C9H18	sec-butylcyclopentane	4850-32-2	6.94887	1481.2773	209.674	39.33	183.55	1,2
6627	C9H18	tert-butylcyclopentane	3875-52-3	6.84343	1411.7947	211.479	30.13	174.09	1,2
6628	C9H18	1-methyl-1-propylcyclopentane	16631-63-3	6.83422	1425.9240	211.260	33.15	179.15	2
6629	C9H18	1-methyl-cis-2-propylcyclopentane	932-43-4	7.13939	1578.9039	221.336	35.84	177.62	2
6630	C9H18	1-methyl-trans-2-propylcyclopentane	932-44-5	6.83702	1426.6579	211.190	33.23	179.12	2
6631	C9H18	1-methyl-cis-3-propylcyclopentane	2443-04-1	6.89300	1445.6000	210.880	34.43	178.65	2
6632	C9H18	1-methyl-trans-3-propylcyclopentane	2443-03-0	6.89300	1445.6000	210.880	34.43	178.65	2
6633	C9H18	1-methyl-1-isopropylcyclopentane	61828-00-0	6.84978	1430.0292	210.880	33.58	178.99	2
6634	C9H18	1-methyl-cis-2-isopropylcyclopentane	61868-01-7	6.83989	1426.4632	210.880	33.38	179.07	2
6635	C9H18	1-methyl-trans-2-isopropylcyclopentane	61828-01-1	6.62873	1363.8588	214.475	27.83	181.20	2
6636	C9H18	1-methyl-cis-3-isopropylcyclopentane	61828-02-2	6.64376	1360.0889	212.020	28.97	180.85	2
6637	C9H18	1-methyl-trans-3-isopropylcyclopentane	61828-03-3	6.64376	1360.0889	212.020	28.97	180.85	2
6638	C9H18	1,1-diethylcyclopentane	2721-38-2	6.99158	1479.1654	210.405	36.47	177.85	2
6639	C9H18	1,cis-2-diethylcyclopentane	932-39-8	7.09306	1513.2324	209.824	38.53	177.07	2
6640	C9H18	1,trans-2-diethylcyclopentane	932-40-1	6.90965	1448.1640	210.970	34.08	177.51	1,2

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mmHg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
6641	C9H18	1,3-diethylcyclopentane	19398-75-5	6.82051	1433.2104	214.364	31.87	179.52	2
6642	C9H18	1,cis-3-diethylcyclopentane	62016-59-5	6.96330	1469.3776	210.500	35.90	178.07	2
6643	C9H18	1,trans-3-diethylcyclopentane	62016-60-8	6.96330	1469.3776	210.500	35.90	178.07	2
6644	C9H18	1,1-dimethyl-2-ethylcyclopentane	54549-80-3	6.51976	1318.0360	212.780	26.00	182.09	2
6645	C9H18	1,1-dimethyl-3-ethylcyclopentane	62016-61-9	6.40258	1278.2690	213.540	23.06	183.35	2
6646	C9H18	1,cis-2-dimethyl-1-ethylcyclopentane	62016-63-1	6.70640	1381.2747	211.640	30.42	180.26	2
6647	C9H18	1,trans-2-dimethyl-1-ethylcyclopentane	62016-62-0	6.70640	1381.2747	211.640	30.42	180.26	2
6648	C9H18	1,cis-2-dimethyl-cis-3-ethylcyclopentane	---	6.96818	1469.5812	210.120	36.12	178.01	2
6649	C9H18	1,cis-2-dimethyl-trans-3-ethylcyclopentane	---	6.73010	1389.1016	211.450	30.97	180.04	2
6650	C9H18	1,trans-2-dimethyl-cis-3-ethylcyclopentane	---	6.51184	1315.1676	212.780	25.83	182.17	2
6651	C9H18	1,trans-2-dimethyl-trans-3-ethylcyclopentane	---	6.73010	1389.1016	211.450	30.97	180.04	2
6652	C9H18	1,cis-2-dimethyl-cis-4-ethylcyclopentane	62016-64-2	6.79599	1411.3901	211.070	32.44	179.45	2
6653	C9H18	1,cis-2-dimethyl-trans-4-ethylcyclopentane	62016-65-3	6.79599	1411.3901	211.070	32.44	179.45	2
6654	C9H18	1,trans-2-dimethyl-cis-4-ethylcyclopentane	62016-66-4	6.57233	1335.6719	212.400	27.30	181.55	2
6655	C9H18	1,cis-3-dimethyl-1-ethylcyclopentane	62016-68-6	6.46048	1297.9246	213.160	24.53	182.71	2
6656	C9H18	1,trans-3-dimethyl-1-ethylcyclopentane	62016-67-5	6.46048	1297.9246	213.160	24.53	182.71	2
6657	C9H18	1,cis-3-dimethyl-cis-2-ethylcyclopentane	19903-00-5	6.96818	1469.5812	210.120	36.12	178.01	2
6658	C9H18	1,cis-3-dimethyl-trans-2-ethylcyclopentane	19902-98-8	6.48214	1305.0926	212.970	25.09	182.48	2
6659	C9H18	1,trans-3-dimethyl-cis-2-ethylcyclopentane	19902-99-9	6.69777	1378.1586	211.640	30.24	180.34	2
6660	C9H18	1,cis-3-dimethyl-cis-4-ethylcyclopentane	---	6.73010	1389.1016	211.450	30.97	180.04	2
6661	C9H18	1,cis-3-dimethyl-trans-4-ethylcyclopentane	---	6.48214	1305.0926	212.970	25.09	182.48	2
6662	C9H18	1,trans-3-dimethyl-cis-4-ethylcyclopentane	---	6.51918	1318.6235	213.000	25.92	182.11	2
6663	C9H18	1,trans-3-dimethyl-trans-4-ethylcyclopentane	---	6.73010	1389.1016	211.450	30.97	180.04	2
6664	C9H18	1,1,2,2-tetramethylcyclopentane	52688-89-8	6.33071	1252.8399	213.730	21.29	184.14	2
6665	C9H18	1,1,cis-2,cis-3-tetramethylcyclopentane	62016-70-0	6.46494	1298.1806	212.780	24.77	182.63	2
6666	C9H18	1,1,cis-2,trans-3-tetramethylcyclopentane	---	6.24148	1222.3490	214.300	18.91	185.21	2
6667	C9H18	1,1,cis-2,cis-4-tetramethylcyclopentane	62016-72-2	6.24148	1222.3490	214.300	18.91	185.21	2
6668	C9H18	1,1,cis-2,trans-4-tetramethylcyclopentane	---	6.24148	1222.3490	214.300	18.91	185.21	2
6669	C9H18	1,1,3,3-tetramethylcyclopentane	50876-33-0	6.00291	1167.8148	224.626	8.80	189.34	2
6670	C9H18	1,1,cis-3,cis-4-tetramethylcyclopentane	20309-77-7	6.32289	1249.9967	213.730	21.10	184.23	2
6671	C9H18	1,1,cis-3,trans-4-tetramethylcyclopentane	---	6.02747	1149.5300	215.896	12.75	188.07	2
6672	C9H18	1,2,2,cis-3-tetramethylcyclopentane	62016-73-3	6.46494	1298.1806	212.780	24.77	182.63	2
6673	C9H18	1,2,2,trans-3-tetramethylcyclopentane	---	6.46494	1298.1806	212.780	24.77	182.63	2
6674	C9H18	1,cis-2,cis-3,cis-4-tetramethylcyclopentane	2532-65-2	6.67048	1367.5864	211.450	29.73	180.56	2
6675	C9H18	1,cis-2,cis-3,trans-4-tetramethylcyclopentane	2532-69-6	6.45773	1295.5671	212.780	24.60	182.71	2
6676	C9H18	1,cis-2,trans-3,cis-4-tetramethylcyclopentane	2532-68-5	6.26176	1229.0824	214.110	19.48	184.95	2
6677	C9H18	1,cis-2,trans-3,trans-4-tetramethylcyclopentane	2532-64-1	6.45773	1295.5671	212.780	24.60	182.71	2
6678	C9H18	1,trans-2,cis-3,trans-4-tetramethylcyclopentane	2532-67-4	6.16687	1196.8359	214.794	16.84	186.15	2
6679	C9H18	1,trans-2,trans-3,cis-4-tetramethylcyclopentane	19907-40-5	6.95317	1390.5881	214.110	19.48	154.62	1,2
6680	C9H18	1-methyl-2-isopropylcyclopentane	89223-57-4	6.58556	1354.9476	216.310	26.27	181.77	2
6681	C9H18	propylcyclohexane	1678-92-8	6.95859	1537.0084	221.073	36.88	185.89	1,2
6682	C9H18	isopropylcyclohexane	696-29-7	7.17229	1626.4557	226.147	37.36	181.44	1,2
6683	C9H18	1-methyl-1-ethylcyclohexane	4926-90-3	7.05052	1593.2492	230.051	33.27	181.78	1,2
6684	C9H18	1-methyl-cis-2-ethylcyclohexane	4923-77-7	6.86799	1439.4951	205.051	40.26	185.46	1,2
6685	C9H18	1-methyl-trans-2-ethylcyclohexane	4923-78-8	6.89125	1428.7954	205.419	37.11	179.76	1,2
6686	C9H18	1-methyl-cis-3-ethylcyclohexane	19489-10-2	6.87082	1437.4627	211.416	33.43	178.25	1,2
6687	C9H18	1-methyl-trans-3-ethylcyclohexane	4926-76-5	6.92909	1422.3818	202.805	37.09	176.78	1,2
6688	C9H18	1-methyl-cis-4-ethylcyclohexane	4926-78-7	6.71075	1321.2720	192.336	39.03	182.08	1,2
6689	C9H18	1-methyl-trans-4-ethylcyclohexane	6236-88-0	6.89399	1463.4513	215.612	32.68	178.62	1,2
6690	C9H18	1,1,2-trimethylcyclohexane	7094-26-0	6.92731	1501.4515	225.060	28.25	175.81	1,2
6691	C9H18	1,1,3-trimethylcyclohexane	3073-66-3	6.86409	1408.5781	216.773	23.43	165.76	1,2
6692	C9H18	1,1,4-trimethylcyclohexane	7094-27-1	6.96164	1488.3270	229.663	19.99	164.10	1,2
6693	C9H18	1,2,3-trimethylcyclohexane	1678-97-3	6.78077	1433.9672	216.588	31.47	181.86	1,2
6694	C9H18	1,cis-2,cis-3-trimethylcyclohexane	1839-88-9	7.23462	1791.3014	260.004	27.31	181.99	1,2
6695	C9H18	1,cis-2,trans-3-trimethylcyclohexane	7667-55-2	7.11800	1710.3754	252.409	27.16	182.12	1,2
6696	C9H18	1,trans-2,cis-3-trimethylcyclohexane	1678-81-5	7.01482	1614.0684	244.827	23.52	176.27	1,2
6697	C9H18	1,2,4-trimethylcyclohexane, isomers	2234-75-5	7.02854	1495.1145	216.616	31.39	172.06	1,2
6698	C9H18	1,cis-2,cis-4-trimethylcyclohexane	1678-80-4	7.20303	1771.7099	262.158	23.46	178.44	1,2
6699	C9H18	1,cis-2,trans-4-trimethylcyclohexane	7667-58-5	7.34864	1761.2377	252.355	25.07	170.33	1,2
6700	C9H18	1,trans-2,cis-4-trimethylcyclohexane	7667-59-6	6.97538	1644.9181	252.310	22.97	181.30	2
6701	C9H18	1,trans-2,trans-4-trimethylcyclohexane	7667-60-9	6.98999	1622.3741	250.167	20.68	175.86	1,2
6702	C9H18	1,3,5-trimethylcyclohexane	1839-63-0	7.09665	1499.1169	217.742	28.15	165.19	1,2
6703	C9H18	cis,cis-1,3,5-trimethylcyclohexane	1795-27-3	7.09945	1636.9075	249.468	18.90	168.37	1,2
6704	C9H18	cis,trans-1,3,5-trimethylcyclohexane	1795-26-2	6.74735	1259.4201	185.173	33.96	168.05	1,2
6705	C9H18	1-ethyl-2-methylcyclohexane	3728-54-9	7.15627	1560.3732	213.711	39.75	178.89	1,2
6706	C9H18	cyclononane	293-55-0	7.53589	1743.4483	205.104	61.65	195.32	3
6707	C9H18	1-nonene	124-11-8	7.14755	1551.5581	217.790	34.60	173.45	1,2
6708	C9H18	2-nonene	2216-38-8	8.14658	1900.6048	211.056	54.89	171.76	1,2
6709	C9H18	trans-2-nonene	6434-78-2	7.39071	1625.5624	215.893	38.47	170.33	1,2
6710	C9H18	3-nonene	20063-77-8	8.01269	1847.4260	212.391	51.05	170.03	1,2
6711	C9H18	trans-3-nonene	20063-92-7	7.39296	1636.1446	215.059	40.87	173.47	1,2
6712	C9H18	4-nonene	2198-23-4	7.39601	1631.5836	215.504	39.59	171.66	1,2
6713	C9H18	2-methyl-1-octene	4588-18-5	7.13260	1545.6705	219.684	32.36	171.55	1,2
6714	C9H18	3-methyl-1-octene	---	7.81267	1769.4847	214.364	45.37	167.75	2
6715	C9H18	4-methyl-1-octene	---	7.81267	1769.4847	214.364	45.37	167.75	2
6716	C9H18	5-methyl-1-octene	---	7.81267	1769.4847	214.364	45.37	167.75	2
6717	C9H18	6-methyl-1-octene	---	7.81267	1769.4847	214.364	45.37	167.75	2
6718	C9H18	3-methyl-2-octene	113426-22-5	7.41791	1634.1559	215.754	38.87	170.02	2
6719	C9H18	4-methyl-2-octene	---	7.81267	1769.4847	214.364	45.37	167.75	2
6720	C9H18	5-methyl-2-octene	---	7.81267	1769.4847	214.364	45.37	167.75	2

Table 1 Vapor Pressure – Organic Compounds

log ₁₀ P = A - B/(T + C) (P - mmHg, T - C)									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
6721	C9H18	6-methyl-2-octene	---	7.81267	1769.4847	214.364	45.37	167.75	2
6722	C9H18	7-methyl-2-octene	---	7.81267	1769.4847	214.364	45.37	167.75	2
6723	C9H18	5-methyl-3-octene	---	7.81267	1769.4847	214.364	45.37	167.75	2
6724	C9H18	6-methyl-3-octene	---	7.81267	1769.4847	214.364	45.37	167.75	2
6725	C9H18	7-methyl-3-octene	86668-33-9	7.28976	1591.6753	216.588	36.47	170.88	2
6726	C9H18	2-methyl-4-octene	64501-77-5	7.16718	1550.9980	217.422	34.07	171.75	2
6727	C9H18	3,3-dimethyl-1-heptene	---	7.48310	1660.1932	216.310	39.77	169.67	2
6728	C9H18	3,4-dimethyl-1-heptene	---	7.48310	1660.1932	216.310	39.77	169.67	2
6729	C9H18	3,5-dimethyl-1-heptene	---	7.48310	1660.1932	216.310	39.77	169.67	2
6730	C9H18	3,6-dimethyl-1-heptene	---	7.48310	1660.1932	216.310	39.77	169.67	2
6731	C9H18	2,3-dimethyl-2-heptene	3074-64-4	7.39549	1629.1142	215.699	39.03	170.93	1,2
6732	C9H18	4,4-dimethyl-2-heptene	---	7.48310	1660.1932	216.310	39.77	169.67	2
6733	C9H18	4,5-dimethyl-2-heptene	---	7.48310	1660.1932	216.310	39.77	169.67	2
6734	C9H18	4,6-dimethyl-2-heptene	---	7.48310	1660.1932	216.310	39.77	169.67	2
6735	C9H18	2,6-dimethyl-3-heptene	2738-18-3	7.72853	1631.2351	222.246	20.19	136.53	1,2
6736	C9H18	5,5-dimethyl-3-heptene	---	7.48310	1660.1932	216.310	39.77	169.67	2
6737	C9H18	3-ethyl-1-heptene	---	7.81267	1769.4847	214.364	45.37	167.75	2
6738	C9H18	4-ethyl-1-heptene	---	7.81267	1769.4847	214.364	45.37	167.75	2
6739	C9H18	5-ethyl-1-heptene	---	7.81267	1769.4847	214.364	45.37	167.75	2
6740	C9H18	6-ethyl-1-heptene	---	7.81267	1769.4847	214.364	45.37	167.75	2
6741	C9H18	cis-1,1,2,5-tetramethyl-cyclopentane	18938-68-6	6.21189	1194.4325	209.150	20.02	185.05	2
6742	C9H18Br2	1,1-dibromononane	62168-27-8	7.73751	2143.8627	183.228	134.97	287.36	2
6743	C9H18Br2	1,2-dibromononane	73642-91-8	7.77726	2160.0506	182.950	135.77	287.09	2
6744	C9H18Br2	1,3-dibromononane	---	7.81754	2176.4470	182.672	136.57	286.83	2
6745	C9H18Br2	1,4-dibromononane	---	7.85835	2193.0560	182.394	137.37	286.56	2
6746	C9H18Br2	1,5-dibromononane	---	7.89971	2209.8818	182.116	138.17	286.29	2
6747	C9H18Br2	1,6-dibromononane	---	7.94162	2226.9289	181.838	138.97	286.03	2
6748	C9H18Br2	1,7-dibromononane	---	7.98410	2244.2017	181.560	139.77	285.76	2
6749	C9H18Br2	1,8-dibromononane	---	8.02715	2261.7047	181.282	140.57	285.50	2
6750	C9H18Br2	1,9-dibromononane	4549-33-1	7.05719	1952.6816	181.004	141.37	322.87	1,2
6751	C9H18Br2	2,2-dibromononane	---	7.36661	1992.6102	186.008	126.97	290.15	2
6752	C9H18Br2	2,3-dibromononane	---	7.40165	2006.9193	185.730	127.77	289.86	2
6753	C9H18Br2	2,4-dibromononane	---	7.43713	2021.4009	185.452	128.57	289.58	2
6754	C9H18Br2	2,5-dibromononane	---	7.47304	2036.0580	185.174	129.37	289.30	2
6755	C9H18Br2	2,6-dibromononane	---	7.50940	2050.8941	184.896	130.17	289.02	2
6756	C9H18Br2	2,7-dibromononane	---	7.54623	2065.9124	184.618	130.97	288.74	2
6757	C9H18Br2	2,8-dibromononane	---	7.58351	2081.1165	184.340	131.77	288.46	2
6758	C9H18ClF	1-chloro-9-fluorononane	463-23-0	7.75573	2061.4987	190.178	114.97	260.53	2
6759	C9H18Cl2	1,1-dichlorononane	821-88-5	7.29598	1923.1085	192.680	112.77	274.76	2
6760	C9H18Cl2	1,2-dichlorononane	---	7.09522	1834.4915	192.402	108.57	276.37	2
6761	C9H18Cl2	1,3-dichlorononane	---	7.12782	1847.5033	192.124	109.37	276.07	2
6762	C9H18Cl2	1,4-dichlorononane	---	7.16082	1860.6678	191.846	110.17	275.78	2
6763	C9H18Cl2	1,5-dichlorononane	---	7.19422	1873.9879	191.568	110.97	275.48	2
6764	C9H18Cl2	1,6-dichlorononane	---	7.22802	1887.4663	191.290	111.77	275.19	2
6765	C9H18Cl2	1,7-dichlorononane	---	7.26224	1901.1060	191.012	112.57	274.90	2
6766	C9H18Cl2	1,8-dichlorononane	---	7.29689	1914.9100	190.734	113.37	274.61	2
6767	C9H18Cl2	1,9-dichlorononane	821-99-8	7.86037	2210.0971	183.784	138.37	288.61	1,2
6768	C9H18Cl2	2,2-dichlorononane	---	6.76062	1700.7110	195.460	99.77	279.76	2
6769	C9H18Cl2	2,3-dichlorononane	---	6.78933	1712.2084	195.182	100.57	279.44	2
6770	C9H18Cl2	2,4-dichlorononane	---	6.81836	1723.8319	194.904	101.37	279.13	2
6771	C9H18Cl2	2,5-dichlorononane	---	6.84773	1735.5837	194.626	102.17	278.82	2
6772	C9H18Cl2	2,6-dichlorononane	---	6.87743	1747.4660	194.348	102.97	278.50	2
6773	C9H18Cl2	2,7-dichlorononane	---	6.90746	1759.4811	194.070	103.77	278.19	2
6774	C9H18Cl2	2,8-dichlorononane	---	6.93785	1771.6311	193.792	104.57	277.89	2
6775	C9H18Cl2	2,6-dichloro-2,6-dimethylheptane	35951-36-1	6.78933	1712.2084	195.182	100.57	279.44	2
6776	C9H18F2	1,1-difluorononane	62127-42-8	6.66133	1537.1662	210.750	60.77	231.03	3
6777	C9H18F2	1,2-difluorononane	---	6.69116	1548.2376	210.472	61.57	230.71	3
6778	C9H18F2	1,3-difluorononane	---	6.72136	1559.4376	210.194	62.37	230.39	3
6779	C9H18F2	1,4-difluorononane	---	6.75191	1570.7686	209.916	63.17	230.07	3
6780	C9H18F2	1,5-difluorononane	---	6.78284	1582.2329	209.638	63.97	229.75	3
6781	C9H18F2	1,6-difluorononane	---	6.81414	1593.8329	209.360	64.77	229.43	3
6782	C9H18F2	1,7-difluorononane	---	6.84583	1605.5713	209.082	65.57	229.12	3
6783	C9H18F2	1,8-difluorononane	---	6.87791	1617.4504	208.804	66.37	228.81	3
6784	C9H18F2	1,9-difluorononane	---	6.91039	1629.4730	208.526	67.17	228.50	3
6785	C9H18F2	2,2-difluorononane	---	6.38134	1433.0517	213.530	52.77	234.37	3
6786	C9H18F2	2,3-difluorononane	---	6.40792	1442.9535	213.252	53.57	234.03	3
6787	C9H18F2	2,4-difluorononane	---	6.43480	1452.9635	212.974	54.37	233.68	3
6788	C9H18F2	2,5-difluorononane	---	6.46199	1463.0835	212.696	55.17	233.35	3
6789	C9H18F2	2,6-difluorononane	---	6.48949	1473.3153	212.418	55.97	233.01	3
6790	C9H18F2	2,7-difluorononane	---	6.51731	1483.6608	212.140	56.77	232.67	3
6791	C9H18F2	2,8-difluorononane	---	6.54545	1494.1222	211.862	57.57	232.34	3
6792	C9H18F2	2,6-difluoro-2,6-dimethylheptane	---	6.57391	1504.7013	211.584	58.37	232.01	3
6793	C9H18I2	1,1-diiodononane	66703-05-7	7.58399	2319.0229	167.772	184.45	359.02	2
6794	C9H18I2	1,2-diiodononane	---	7.61787	2334.4089	167.494	185.25	358.75	2
6795	C9H18I2	1,3-diiodononane	---	7.65213	2349.9678	167.216	186.05	358.47	2
6796	C9H18I2	1,4-diiodononane	---	7.68679	2365.7025	166.938	186.85	358.20	2
6797	C9H18I2	1,5-diiodononane	---	7.72185	2381.6161	166.660	187.65	357.92	2
6798	C9H18I2	1,6-diiodononane	---	7.75733	2397.7118	166.382	188.45	357.65	2
6799	C9H18I2	1,7-diiodononane	---	7.79322	2413.9928	166.104	189.25	357.38	2
6800	C9H18I2	1,8-diiodononane	---	7.82953	2430.4623	165.826	190.05	357.11	2

Table 1 Vapor Pressure – Organic Compounds

log ₁₀ P = A - B/(T + C) (P - mmHg, T - C)									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
6801	C9H18I2	1,9-diiodononane	---	7.86628	2447.1238	165.548	190.85	356.85	2
6802	C9H18I2	2,2-diiodononane	---	7.26527	2174.0573	170.552	176.45	361.86	2
6803	C9H18I2	2,3-diiodononane	---	7.29559	2187.8654	170.274	177.25	361.57	2
6804	C9H18I2	2,4-diiodononane	---	7.32624	2201.8199	169.996	178.05	361.28	2
6805	C9H18I2	2,5-diiodononane	---	7.35723	2215.9232	169.718	178.85	360.99	2
6806	C9H18I2	2,6-diiodononane	---	7.38856	2230.1776	169.440	179.65	360.71	2
6807	C9H18I2	2,7-diiodononane	---	7.42023	2244.5857	169.162	180.45	360.42	2
6808	C9H18I2	2,8-diiodononane	---	7.45225	2259.1500	168.884	181.25	360.14	2
6809	C9H18O	1-nonanal	124-19-6	7.89475	1969.9988	201.854	83.87	216.15	1,2
6810	C9H18O	2-methyloctanal	7786-29-0	7.42875	1795.7160	204.996	74.33	217.83	2
6811	C9H18O	3-methyloctanal	25882-73-9	7.42875	1795.7160	204.996	74.33	217.83	2
6812	C9H18O	4-methyloctanal	---	7.42875	1795.7160	204.996	74.33	217.83	2
6813	C9H18O	5-methyloctanal	---	7.42875	1795.7160	204.996	74.33	217.83	2
6814	C9H18O	6-methyloctanal	---	7.42875	1795.7160	204.996	74.33	217.83	2
6815	C9H18O	7-methyloctanal	49824-43-3	7.42875	1795.7160	204.996	74.33	217.83	2
6816	C9H18O	2,2-dimethylheptanal	---	7.40882	1788.4767	205.135	73.93	217.98	2
6817	C9H18O	2,3-dimethylheptanal	---	7.48122	1814.7695	204.634	75.37	217.47	2
6818	C9H18O	2,4-dimethylheptanal	---	7.48122	1814.7695	204.634	75.37	217.47	2
6819	C9H18O	2,5-dimethylheptanal	---	7.48122	1814.7695	204.634	75.37	217.47	2
6820	C9H18O	2,6-dimethylheptanal	---	7.48122	1814.7695	204.634	75.37	217.47	2
6821	C9H18O	3,5,5-trimethylhexanal	5435-64-3	7.41966	1792.4116	205.059	74.15	217.90	2
6822	C9H18O	2-nonanone	821-55-6	7.39364	1791.5137	202.132	78.07	223.22	1,2
6823	C9H18O	3-nonanone	925-78-0	7.52300	1814.1386	203.244	74.87	214.65	1,2
6824	C9H18O	4-nonanone	4485-09-0	7.42063	1777.2914	203.939	72.87	215.35	1,2
6825	C9H18O	5-nonanone	502-56-7	7.57042	1822.0126	203.675	73.63	211.50	2
6826	C9H18O	3-methyl-2-octanone	6137-08-2	7.25791	1710.8773	206.024	67.37	213.71	2
6827	C9H18O	4-methyl-2-octanone	27608-01-1	7.25791	1710.8773	206.024	67.37	213.71	2
6828	C9H18O	5-methyl-2-octanone	58654-67-4	7.25791	1710.8773	206.024	67.37	213.71	2
6829	C9H18O	6-methyl-2-octanone	925-69-9	7.25791	1710.8773	206.024	67.37	213.71	2
6830	C9H18O	7-methyl-2-octanone	---	7.25791	1710.8773	206.024	67.37	213.71	2
6831	C9H18O	2-methyl-3-octanone	923-28-4	7.41961	1761.4260	205.232	69.15	210.42	1,2
6832	C9H18O	4-methyl-3-octanone	6137-15-1	7.39364	1759.5721	205.059	70.15	212.71	2
6833	C9H18O	5-methyl-3-octanone	---	7.39364	1759.5721	205.059	70.15	212.71	2
6834	C9H18O	6-methyl-3-octanone	---	7.39364	1759.5721	205.059	70.15	212.71	2
6835	C9H18O	7-methyl-3-octanone	5408-57-1	7.32758	1735.0176	205.329	68.87	213.18	2
6836	C9H18O	2-methyl-4-octanone	7492-38-8	7.39364	1759.5721	205.059	70.15	212.71	2
6837	C9H18O	3-methyl-4-octanone	20754-04-5	7.41984	1731.8314	207.692	62.07	200.95	1,2
6838	C9H18O	5-methyl-4-octanone	---	7.25791	1710.8773	206.024	67.37	213.71	2
6839	C9H18O	6-methyl-4-octanone	---	7.25791	1710.8773	206.024	67.37	213.71	2
6840	C9H18O	7-methyl-4-octanone	20809-46-5	7.42247	1745.9505	206.580	65.27	205.14	1,2
6841	C9H18O	2,6-dimethyl-3-heptanone	19549-83-8	7.41231	1722.6028	208.290	60.35	198.90	1,2
6842	C9H18O	3,5-dimethyl-4-heptanone	19549-84-9	7.40346	1687.2998	211.028	52.47	188.65	1,2
6843	C9H18O	diisobutyl ketone	108-83-8	7.42669	1714.4218	209.288	57.48	194.60	1,2
6844	C9H18O	di-tert-butyl ketone	815-24-7	7.40469	1654.1912	213.808	44.47	177.92	1,2
6845	C9H18O	1-propylcyclohexanol	5445-24-9	6.88070	1659.5748	205.059	77.15	243.61	2
6846	C9H18O	cis-2-propylcyclohexanol	5857-86-3	7.49832	1893.3263	200.186	91.17	238.44	2
6847	C9H18O	trans-2-propylcyclohexanol	5846-43-5	6.88070	1659.5748	205.059	77.15	243.61	2
6848	C9H18O	cis-4-propylcyclohexanol	98790-22-8	6.88070	1659.5748	205.059	77.15	243.61	2
6849	C9H18O	trans-4-propylcyclohexanol	77866-58-1	7.78778	2002.4637	198.240	96.77	236.52	2
6850	C9H18O	1-isopropylcyclohexanol	3552-01-0	6.65539	1573.9293	207.136	71.17	245.98	2
6851	C9H18O	cis-2-isopropylcyclohexanol	10488-25-2	6.88070	1659.5748	205.059	77.15	243.61	2
6852	C9H18O	cis-4-isopropylcyclohexanol	22900-08-9	6.88070	1659.5748	205.059	77.15	243.61	2
6853	C9H18O	trans-4-isopropylcyclohexanol	15890-36-5	6.88070	1659.5748	205.059	77.15	243.61	2
6854	C9H18O	1-ethyl-2-methylcyclohexanol	102370-18-3	6.83472	1642.1137	205.468	36.90	244.07	2
6855	C9H18O	1-ethyl-3-methylcyclohexanol	62067-44-1	6.88070	1659.5748	205.059	77.15	243.61	2
6856	C9H18O	1,2,2-trimethylcyclohexanol	31720-69-1	6.88070	1659.5748	205.059	77.15	243.61	2
6857	C9H18O	1,2,6-trimethylcyclohexanol	96244-13-2	6.88070	1659.5748	205.059	77.15	243.61	2
6858	C9H18O	1,3,5-trimethylcyclohexanol	90760-75-1	6.80394	1630.4222	205.746	36.90	244.39	2
6859	C9H18O	2,2,5-trimethylcyclohexanol	73210-25-0	7.02739	1715.2171	203.800	80.77	242.23	2
6860	C9H18O	2,2,6-trimethylcyclohexanol	10130-91-3	6.99429	1702.6684	204.078	51.00	242.53	2
6861	C9H18O	2,3,3-trimethylcyclohexanol	116724-17-5	7.34486	1835.3665	201.298	87.97	239.58	2
6862	C9H18O	2,3,6-trimethylcyclohexanol	58210-03-0	7.27111	1807.4867	201.854	86.37	240.15	2
6863	C9H18O	cis-3,3,5-trimethylcyclohexanol	933-48-2	7.53799	1908.2964	199.908	91.97	238.16	2
6864	C9H18O	trans-3,3,5-trimethylcyclohexanol	767-54-4	7.06766	1730.4767	203.467	55.80	241.86	2
6865	C9H18O	3,5,5-trimethylcyclohexanol	116-02-9	7.28937	1814.3904	201.715	86.77	240.01	2
6866	C9H18O	4-(1-methylethyl)cyclohexanol	4621-04-9	5.37139	1075.2232	221.870	24.10	269.20	2
6867	C9H18O	2-nonen-1-ol	22104-79-6	7.41490	1909.4878	196.294	101.37	254.79	2
6868	C9H18O	cis-2-nonen-1-ol	41453-56-9	7.41490	1909.4878	196.294	101.37	254.79	2
6869	C9H18O	3-nonen-1-ol	---	7.41490	1909.4878	196.294	101.37	254.79	2
6870	C9H18O	cis-3-nonen-1-ol	10340-23-5	7.41490	1909.4878	196.294	101.37	254.79	2
6871	C9H18O	4-nonen-1-ol	---	7.41490	1909.4878	196.294	101.37	254.79	2
6872	C9H18O	5-nonen-1-ol	---	7.41490	1909.4878	196.294	101.37	254.79	2
6873	C9H18O	6-nonen-1-ol	---	7.41490	1909.4878	196.294	101.37	254.79	2
6874	C9H18O	7-nonen-1-ol	---	7.41490	1909.4878	196.294	101.37	254.79	2
6875	C9H18O	8-nonen-1-ol	13038-21-6	7.41490	1909.4878	196.294	101.37	254.79	2
6876	C9H18O	1-methyl-2-octen-1-ol	---	7.06434	1773.4819	199.074	93.37	257.71	2
6877	C9H18O	2-methyl-2-octen-1-ol	---	7.06434	1773.4819	199.074	93.37	257.71	2
6878	C9H18O	3-methyl-2-octen-1-ol	---	7.06434	1773.4819	199.074	93.37	257.71	2
6879	C9H18O	4-methyl-2-octen-1-ol	---	7.06434	1773.4819	199.074	93.37	257.71	2
6880	C9H18O	5-methyl-2-octen-1-ol	---	7.06434	1773.4819	199.074	93.37	257.71	2

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mmHg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
6881	C9H18O	6-methyl-2-octen-1-ol	---	7.06434	1773.4819	199.074	93.37	257.71	2
6882	C9H18O	7-methyl-2-octen-1-ol	---	7.06434	1773.4819	199.074	93.37	257.71	2
6883	C9H18O	1-methyl-3-octen-1-ol	---	7.06434	1773.4819	199.074	93.37	257.71	2
6884	C9H18O	2-methyl-3-octen-1-ol	---	7.06434	1773.4819	199.074	93.37	257.71	2
6885	C9H18O	3-methyl-3-octen-1-ol	---	7.06434	1773.4819	199.074	93.37	257.71	2
6886	C9H18O	4-methyl-3-octen-1-ol	---	7.06434	1773.4819	199.074	93.37	257.71	2
6887	C9H18O	5-methyl-3-octen-1-ol	---	7.06434	1773.4819	199.074	93.37	257.71	2
6888	C9H18O	6-methyl-3-octen-1-ol	---	7.06434	1773.4819	199.074	93.37	257.71	2
6889	C9H18O	7-methyl-3-octen-1-ol	---	7.06434	1773.4819	199.074	93.37	257.71	2
6890	C9H18O	1-methyl-4-octen-1-ol	---	7.06434	1773.4819	199.074	93.37	257.71	2
6891	C9H18O	2-methyl-4-octen-1-ol	---	7.06434	1773.4819	199.074	93.37	257.71	2
6892	C9H18O	3-methyl-4-octen-1-ol	---	7.06434	1773.4819	199.074	93.37	257.71	2
6893	C9H18O	4-methyl-4-octen-1-ol	---	7.06434	1773.4819	199.074	93.37	257.71	2
6894	C9H18O	5-methyl-4-octen-1-ol	---	7.06434	1773.4819	199.074	93.37	257.71	2
6895	C9H18O	6-methyl-4-octen-1-ol	---	7.06434	1773.4819	199.074	93.37	257.71	2
6896	C9H18O	7-methyl-4-octen-1-ol	---	7.06434	1773.4819	199.074	93.37	257.71	2
6897	C9H18O	1-methyl-5-octen-1-ol	---	7.06434	1773.4819	199.074	93.37	257.71	2
6898	C9H18O	2-methyl-5-octen-1-ol	---	7.06434	1773.4819	199.074	93.37	257.71	2
6899	C9H18O	3-methyl-5-octen-1-ol	---	7.06434	1773.4819	199.074	93.37	257.71	2
6900	C9H18O	4-methyl-5-octen-1-ol	---	7.06434	1773.4819	199.074	93.37	257.71	2
6901	C9H18O	5-methyl-5-octen-1-ol	---	7.06434	1773.4819	199.074	93.37	257.71	2
6902	C9H18O	6-methyl-5-octen-1-ol	---	7.06434	1773.4819	199.074	93.37	257.71	2
6903	C9H18O	7-methyl-5-octen-1-ol	---	7.06434	1773.4819	199.074	93.37	257.71	2
6904	C9H18O	1-methyl-6-octen-1-ol	---	7.06434	1773.4819	199.074	93.37	257.71	2
6905	C9H18O	2-methyl-6-octen-1-ol	---	7.06434	1773.4819	199.074	93.37	257.71	2
6906	C9H18O	3-methyl-6-octen-1-ol	---	7.06434	1773.4819	199.074	93.37	257.71	2
6907	C9H18O	4-methyl-6-octen-1-ol	---	7.06434	1773.4819	199.074	93.37	257.71	2
6908	C9H18O	5-methyl-6-octen-1-ol	---	7.06434	1773.4819	199.074	93.37	257.71	2
6909	C9H18O	6-methyl-6-octen-1-ol	---	7.06434	1773.4819	199.074	93.37	257.71	2
6910	C9H18O	7-methyl-6-octen-1-ol	---	7.06434	1773.4819	199.074	93.37	257.71	2
6911	C9H18O	1-methyl-7-octen-1-ol	---	7.06434	1773.4819	199.074	93.37	257.71	2
6912	C9H18O	2-methyl-7-octen-1-ol	---	7.06434	1773.4819	199.074	93.37	257.71	2
6913	C9H18O	3-methyl-7-octen-1-ol	---	7.06434	1773.4819	199.074	93.37	257.71	2
6914	C9H18O	4-methyl-7-octen-1-ol	---	7.06434	1773.4819	199.074	93.37	257.71	2
6915	C9H18O	5-methyl-7-octen-1-ol	---	7.06434	1773.4819	199.074	93.37	257.71	2
6916	C9H18O	6-methyl-7-octen-1-ol	---	7.06434	1773.4819	199.074	93.37	257.71	2
6917	C9H18O	7-methyl-7-octen-1-ol	---	7.06434	1773.4819	199.074	93.37	257.71	2
6918	C9H18O	cis-2-methyl-3-octen-2-ol	18521-07-8	6.73754	1645.6654	201.854	84.97	260.97	2
6919	C9H18O	3-methyl-1-octen-3-ol	24089-00-7	6.75399	1652.6866	201.854	85.37	260.80	2
6920	C9H18O	3-methyl-4-octen-3-ol	90676-55-4	6.73754	1645.6654	201.854	84.97	260.97	2
6921	C9H18O	4-methyl-1-octen-4-ol	62108-06-9	6.73754	1645.6654	201.854	84.97	260.97	2
6922	C9H18O	5-methyl-5-octen-4-ol	36903-92-1	6.75399	1652.6866	201.854	85.37	260.80	2
6923	C9H18O	7-methyl-2-octen-4-ol	4798-64-5	6.75399	1652.6866	201.854	85.37	260.80	2
6924	C9H18O	1-nonen-3-ol	21964-44-3	6.68004	1623.2442	202.410	83.37	261.61	2
6925	C9H18O2	nonanoic acid	112-05-0	7.65081	1988.6269	162.903	136.10	282.08	1,2
6926	C9H18O2	2-methyloctanoic acid	3004-93-1	7.59874	2050.9032	188.232	122.57	276.10	2
6927	C9H18O2	3-methyloctanoic acid	6061-10-5	7.59874	2050.9032	188.232	122.57	276.10	2
6928	C9H18O2	4-methyloctanoic acid	153831-54-0	7.59874	2050.9032	188.232	122.57	276.10	2
6929	C9H18O2	5-methyloctanoic acid	---	7.59874	2050.9032	188.232	122.57	276.10	2
6930	C9H18O2	6-methyloctanoic acid	504-99-4	7.59874	2050.9032	188.232	122.57	276.10	2
6931	C9H18O2	7-methyloctanoic acid	693-19-6	7.59874	2050.9032	188.232	122.57	276.10	2
6932	C9H18O2	2,2-dimethylheptanoic acid	---	7.59874	2050.9032	188.232	122.57	276.10	2
6933	C9H18O2	2,3-dimethylheptanoic acid	---	7.59874	2050.9032	188.232	122.57	276.10	2
6934	C9H18O2	2,4-dimethylheptanoic acid	---	7.59874	2050.9032	188.232	122.57	276.10	2
6935	C9H18O2	2,5-dimethylheptanoic acid	---	7.59874	2050.9032	188.232	122.57	276.10	2
6936	C9H18O2	2,6-dimethylheptanoic acid	60148-94-9	7.59874	2050.9032	188.232	122.57	276.10	2
6937	C9H18O2	2-ethylheptanoic acid	3274-29-1	7.59874	2050.9032	188.232	122.57	276.10	2
6938	C9H18O2	3-ethylheptanoic acid	14272-47-0	7.59874	2050.9032	188.232	122.57	276.10	2
6939	C9H18O2	4-ethylheptanoic acid	---	7.59874	2050.9032	188.232	122.57	276.10	2
6940	C9H18O2	5-ethylheptanoic acid	---	7.59874	2050.9032	188.232	122.57	276.10	2
6941	C9H18O2	2-ethyl-3-methylhexanoic acid	74581-94-5	7.13836	1866.1621	191.846	112.17	279.82	2
6942	C9H18O2	3-ethyl-3-methylhexanoic acid	50902-82-4	7.13836	1866.1621	191.846	112.17	279.82	2
6943	C9H18O2	3,5,5-trimethylhexanoic acid	3302-10-1	7.69271	2034.6938	191.846	112.17	259.22	1,2
6944	C9H18O2	2-propylhexanoic acid	3274-28-0	7.98288	2204.5598	185.619	130.09	273.56	2
6945	C9H18O2	octyl formate	112-32-3	7.67686	1911.6671	200.742	85.57	224.54	1,2
6946	C9H18O2	1-methylheptyl formate	5451-60-5	7.81483	1908.7808	203.522	76.57	208.48	2
6947	C9H18O2	2-methylheptyl formate	---	7.81483	1908.7808	203.522	76.57	208.48	2
6948	C9H18O2	3-methylheptyl formate	---	7.81483	1908.7808	203.522	76.57	208.48	2
6949	C9H18O2	4-methylheptyl formate	---	7.81483	1908.7808	203.522	76.57	208.48	2
6950	C9H18O2	5-methylheptyl formate	---	7.81483	1908.7808	203.522	76.57	208.48	2
6951	C9H18O2	6-methylheptyl formate	---	7.81483	1908.7808	203.522	76.57	208.48	2
6952	C9H18O2	1,1-dimethylhexyl formate	---	7.38536	1755.1580	206.302	68.57	211.24	2
6953	C9H18O2	1,2-dimethylhexyl formate	---	7.38536	1755.1580	206.302	68.57	211.24	2
6954	C9H18O2	1,3-dimethylhexyl formate	---	7.38536	1755.1580	206.302	68.57	211.24	2
6955	C9H18O2	1,4-dimethylhexyl formate	---	7.38536	1755.1580	206.302	68.57	211.24	2
6956	C9H18O2	1,5-dimethylhexyl formate	---	7.38536	1755.1580	206.302	68.57	211.24	2
6957	C9H18O2	1-ethylhexyl formate	---	7.54976	1814.0222	205.190	71.77	210.12	2
6958	C9H18O2	2-ethylhexyl formate	---	7.54976	1814.0222	205.190	71.77	210.12	2
6959	C9H18O2	3-ethylhexyl formate	---	7.54976	1814.0222	205.190	71.77	210.12	2
6960	C9H18O2	4-ethylhexyl formate	---	7.54976	1814.0222	205.190	71.77	210.12	2

Table 1 Vapor Pressure – Organic Compounds

log ₁₀ P = A - B/(T + C) (P - mmHg, T - C)									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
6961	C9H18O2	5-ethylhexyl formate	---	7.54976	1814.0222	205.190	71.77	210.12	2
6962	C9H18O2	heptyl acetate	112-06-1	7.57979	1848.7041	202.577	78.39	217.78	1,2
6963	C9H18O2	1-methylhexyl acetate	5921-82-4	7.52450	1804.9832	205.357	71.29	210.28	2
6964	C9H18O2	2-methylhexyl acetate	129664-69-3	7.52450	1804.9832	205.357	71.29	210.28	2
6965	C9H18O2	3-methylhexyl acetate	50373-54-1	7.52450	1804.9832	205.357	71.29	210.28	2
6966	C9H18O2	4-methylhexyl acetate	---	7.52450	1804.9832	205.357	71.29	210.28	2
6967	C9H18O2	5-methylhexyl acetate	90438-79-2	7.52450	1804.9832	205.357	71.29	210.28	2
6968	C9H18O2	1,1-dimethylpentyl acetate	34650-24-3	7.13326	1664.7339	208.137	63.29	213.16	2
6969	C9H18O2	1,2-dimethylpentyl acetate	---	7.13326	1664.7339	208.137	63.29	213.16	2
6970	C9H18O2	1,3-dimethylpentyl acetate	---	7.13326	1664.7339	208.137	63.29	213.16	2
6971	C9H18O2	1,4-dimethylpentyl acetate	---	7.13326	1664.7339	208.137	63.29	213.16	2
6972	C9H18O2	1-ethylpentyl acetate	5921-83-5	7.63554	1844.7091	204.634	73.37	209.56	2
6973	C9H18O2	2-ethylpentyl acetate	---	7.28333	1718.5852	207.025	66.49	211.99	2
6974	C9H18O2	3-ethylpentyl acetate	---	7.28333	1718.5852	207.025	66.49	211.99	2
6975	C9H18O2	4-ethylpentyl acetate	---	7.28333	1718.5852	207.025	66.49	211.99	2
6976	C9H18O2	1-propylbutyl acetate	5921-84-6	7.03777	1628.9672	208.526	61.27	213.93	2
6977	C9H18O2	hexyl propanoate	2445-76-3	7.22840	1702.1874	206.024	67.27	214.63	1,2
6978	C9H18O2	1-methylpentyl propanoate	---	6.62841	1480.0151	211.584	51.37	217.83	2
6979	C9H18O2	2-methylpentyl propanoate	---	6.62841	1480.0151	211.584	51.37	217.83	2
6980	C9H18O2	3-methylpentyl propanoate	39230-59-6	6.62841	1480.0151	211.584	51.37	217.83	2
6981	C9H18O2	4-methylpentyl propanoate	---	6.62841	1480.0151	211.584	51.37	217.83	2
6982	C9H18O2	1,1-dimethylbutyl propanoate	---	6.34407	1377.3510	214.364	43.37	221.20	2
6983	C9H18O2	1,2-dimethylbutyl propanoate	---	6.34407	1377.3510	214.364	43.37	221.20	2
6984	C9H18O2	1,3-dimethylbutyl propanoate	---	6.34407	1377.3510	214.364	43.37	221.20	2
6985	C9H18O2	1-ethylbutyl propanoate	---	6.45382	1417.0233	213.252	46.57	219.83	2
6986	C9H18O2	2-ethylbutyl propanoate	---	6.45382	1417.0233	213.252	46.57	219.83	2
6987	C9H18O2	3-ethylbutyl propanoate	---	6.45382	1417.0233	213.252	46.57	219.83	2
6988	C9H18O2	pentyl butanoate	540-18-1	7.65982	1831.4790	204.634	70.37	204.36	1,2
6989	C9H18O2	1-methylbutyl butanoate	60415-61-4	7.07538	1639.0423	207.414	62.37	213.55	2
6990	C9H18O2	2-methylbutyl butanoate	51115-64-1	7.12602	1658.8305	207.414	63.37	213.16	2
6991	C9H18O2	3-methylbutyl butanoate	106-27-4	7.43497	1749.4911	206.302	65.57	205.04	1,2
6992	C9H18O2	1,1-dimethylpropyl butanoate	2050-00-2	6.78391	1536.0006	210.194	55.37	216.23	2
6993	C9H18O2	1,2-dimethylpropyl butanoate	88736-68-9	6.78391	1536.0006	210.194	55.37	216.23	2
6994	C9H18O2	2,2-dimethylpropyl butanoate	23361-69-5	7.01869	1620.3421	208.248	60.97	214.06	2
6995	C9H18O2	1-ethylpropyl butanoate	---	7.27599	1712.5441	206.302	66.57	211.99	2
6996	C9H18O2	2-ethylpropyl butanoate	---	7.27599	1712.5441	206.302	66.57	211.99	2
6997	C9H18O2	pentyl isobutanoate	2445-72-9	7.12602	1658.8305	207.414	63.37	213.16	2
6998	C9H18O2	1-methylbutyl isobutanoate	---	6.78391	1536.0006	210.194	55.37	216.23	2
6999	C9H18O2	2-methylbutyl isobutanoate	2445-69-4	6.78391	1536.0006	210.194	55.37	216.23	2
7000	C9H18O2	3-methylbutyl isobutanoate	2050-01-3	7.07882	1598.7186	211.028	51.97	199.22	1,2
7001	C9H18O2	1,1-dimethylpropyl isobutanoate	---	6.48206	1427.2231	212.974	47.37	219.49	2
7002	C9H18O2	1,2-dimethylpropyl isobutanoate	---	6.48206	1427.2231	212.974	47.37	219.49	2
7003	C9H18O2	1-ethylpropyl isobutanoate	---	6.91549	1583.2949	209.082	58.57	214.98	2
7004	C9H18O2	2-ethylpropyl isobutanoate	---	6.91549	1583.2949	209.082	58.57	214.98	2
7005	C9H18O2	butyl pentanoate	591-68-4	7.38033	1759.6146	204.217	71.57	214.89	1,2
7006	C9H18O2	1-methylpropyl pentanoate	116836-32-9	7.05751	1632.6406	207.553	61.97	213.70	2
7007	C9H18O2	2-methylpropyl pentanoate	10588-10-0	7.22270	1691.7799	206.302	65.57	212.37	2
7008	C9H18O2	1,1-dimethylethyl pentanoate	---	6.91549	1583.2949	209.082	58.57	214.98	2
7009	C9H18O2	butyl isopentanoate	109-19-3	7.12602	1658.8305	207.414	63.37	213.16	2
7010	C9H18O2	1-methylpropyl isopentanoate	---	6.76793	1530.2499	210.333	54.97	216.39	2
7011	C9H18O2	2-methylpropyl isopentanoate	589-59-3	6.90184	1576.8201	208.804	58.37	215.07	2
7012	C9H18O2	1,1-dimethylethyl isopentanoate	---	6.59844	1469.2104	211.862	50.57	218.16	2
7013	C9H18O2	butyl sec-pentanoate	15706-73-7	7.22270	1691.7799	206.302	65.57	212.37	2
7014	C9H18O2	1-methylpropyl sec-pentanoate	---	6.76793	1530.2499	210.333	54.97	216.39	2
7015	C9H18O2	2-methylpropyl sec-pentanoate	---	6.91549	1583.2949	209.082	58.57	214.98	2
7016	C9H18O2	1,1-dimethylethyl sec-pentanoate	---	6.59844	1469.2104	211.862	50.57	218.16	2
7017	C9H18O2	butyl tert-pentanoate	---	6.83248	1553.4643	209.777	56.57	215.76	2
7018	C9H18O2	1-methylpropyl tert-pentanoate	---	6.46790	1422.1088	213.113	46.97	219.66	2
7019	C9H18O2	2-methylpropyl tert-pentanoate	---	6.59844	1469.2104	211.862	50.57	218.16	2
7020	C9H18O2	1,1-dimethylethyl tert-pentanoate	---	6.31742	1367.7051	214.642	42.57	221.55	2
7021	C9H18O2	propyl hexanoate	626-77-7	7.54274	1806.1117	204.078	71.97	210.08	2
7022	C9H18O2	ethyl heptanoate	106-30-9	7.54274	1806.1117	204.078	71.97	210.08	2
7023	C9H18O2	ethyl 3-methylhexanoate	41692-47-1	7.14805	1665.0668	206.858	63.97	212.95	2
7024	C9H18O2	ethyl 4-methylhexanoate	1561-10-0	7.26079	1705.4035	206.024	66.37	212.07	2
7025	C9H18O2	methyl octanoate	111-11-5	7.33515	1768.3180	202.438	76.69	223.32	1,2
7026	C9H18S	thiacyclodecane	6048-83-5	6.69149	1665.3598	193.590	99.01	280.92	3
7027	C9H19Br	1-bromononane	693-58-3	8.54854	2241.9552	194.515	102.49	223.24	1,2
7028	C9H19Br	2-bromononane	---	7.53142	1905.7714	197.295	94.49	240.86	2
7029	C9H19Br	3-bromononane	---	7.53142	1905.7714	197.295	94.49	240.86	2
7030	C9H19Br	4-bromononane	---	7.53142	1905.7714	197.295	94.49	240.86	2
7031	C9H19Br	5-bromononane	---	7.53142	1905.7714	197.295	94.49	240.86	2
7032	C9H19Br	1-bromo-2-methyloctane	---	7.53142	1905.7714	197.295	94.49	240.86	2
7033	C9H19Br	1-bromo-3-methyloctane	---	7.53142	1905.7714	197.295	94.49	240.86	2
7034	C9H19Br	1-bromo-4-methyloctane	---	7.53142	1905.7714	197.295	94.49	240.86	2
7035	C9H19Br	1-bromo-5-methyloctane	---	7.53142	1905.7714	197.295	94.49	240.86	2
7036	C9H19Br	1-bromo-6-methyloctane	---	7.53142	1905.7714	197.295	94.49	240.86	2
7037	C9H19Br	1-bromo-7-methyloctane	---	7.53142	1905.7714	197.295	94.49	240.86	2
7038	C9H19Br	2-bromo-2-methyloctane	---	7.15824	1764.7363	200.075	86.49	243.73	2
7039	C9H19Br	2-bromo-3-methyloctane	---	7.15824	1764.7363	200.075	86.49	243.73	2
7040	C9H19Br	2-bromo-4-methyloctane	---	7.15824	1764.7363	200.075	86.49	243.73	2

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mmHg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
7041	C9H19Br	2-bromo-5-methyloctane	---	7.15824	1764.7363	200.075	86.49	243.73	2
7042	C9H19Br	2-bromo-6-methyloctane	---	7.15824	1764.7363	200.075	86.49	243.73	2
7043	C9H19Br	2-bromo-7-methyloctane	---	7.15824	1764.7363	200.075	86.49	243.73	2
7044	C9H19Br	3-bromo-2-methyloctane	---	7.15824	1764.7363	200.075	86.49	243.73	2
7045	C9H19Br	3-bromo-3-methyloctane	---	7.15824	1764.7363	200.075	86.49	243.73	2
7046	C9H19Br	3-bromo-4-methyloctane	---	7.15824	1764.7363	200.075	86.49	243.73	2
7047	C9H19Br	3-bromo-5-methyloctane	---	7.15824	1764.7363	200.075	86.49	243.73	2
7048	C9H19Br	3-bromo-6-methyloctane	---	7.15824	1764.7363	200.075	86.49	243.73	2
7049	C9H19Br	3-bromo-7-methyloctane	---	7.15824	1764.7363	200.075	86.49	243.73	2
7050	C9H19Cl	1-chlorononane	2473-01-0	7.70017	1940.0960	199.013	90.55	230.37	1,2
7051	C9H19Cl	2-chlorononane	---	7.07357	1704.3295	203.244	77.37	234.69	2
7052	C9H19Cl	3-chlorononane	2216-36-6	7.12220	1724.0995	203.244	78.37	234.30	2
7053	C9H19Cl	4-chlorononane	---	7.07357	1704.3295	203.244	77.37	234.69	2
7054	C9H19Cl	5-chlorononane	28123-70-8	7.07357	1704.3295	203.244	77.37	234.69	2
7055	C9H19Cl	1-chloro-2-methyloctane	---	7.25145	1770.5613	201.854	81.37	233.22	2
7056	C9H19Cl	1-chloro-3-methyloctane	---	7.25145	1770.5613	201.854	81.37	233.22	2
7057	C9H19Cl	1-chloro-4-methyloctane	---	7.25145	1770.5613	201.854	81.37	233.22	2
7058	C9H19Cl	1-chloro-5-methyloctane	---	7.25145	1770.5613	201.854	81.37	233.22	2
7059	C9H19Cl	1-chloro-6-methyloctane	---	7.25145	1770.5613	201.854	81.37	233.22	2
7060	C9H19Cl	1-chloro-7-methyloctane	---	7.25145	1770.5613	201.854	81.37	233.22	2
7061	C9H19Cl	2-chloro-2-methyloctane	---	6.90664	1642.0722	204.634	73.37	236.21	2
7062	C9H19Cl	2-chloro-3-methyloctane	---	6.90664	1642.0722	204.634	73.37	236.21	2
7063	C9H19Cl	2-chloro-4-methyloctane	---	6.90664	1642.0722	204.634	73.37	236.21	2
7064	C9H19Cl	2-chloro-5-methyloctane	---	6.90664	1642.0722	204.634	73.37	236.21	2
7065	C9H19Cl	2-chloro-6-methyloctane	---	6.90664	1642.0722	204.634	73.37	236.21	2
7066	C9H19Cl	2-chloro-7-methyloctane	---	6.90664	1642.0722	204.634	73.37	236.21	2
7067	C9H19Cl	3-chloro-2-methyloctane	---	6.90664	1642.0722	204.634	73.37	236.21	2
7068	C9H19Cl	3-chloro-3-methyloctane	28320-88-9	6.90664	1642.0722	204.634	73.37	236.21	2
7069	C9H19Cl	3-chloro-4-methyloctane	---	6.90664	1642.0722	204.634	73.37	236.21	2
7070	C9H19Cl	3-chloro-5-methyloctane	---	6.90664	1642.0722	204.634	73.37	236.21	2
7071	C9H19Cl	3-chloro-6-methyloctane	---	6.90664	1642.0722	204.634	73.37	236.21	2
7072	C9H19Cl	3-chloro-7-methyloctane	---	6.90664	1642.0722	204.634	73.37	236.21	2
7073	C9H19Cl	3-chloro-3-ethyl-2,2-dimethylpentane	86661-53-2	6.81134	1606.4756	205.468	70.97	237.15	2
7074	C9H19Cl	3-chloro-3-ethylheptane	28320-89-0	7.07357	1704.3295	203.244	77.37	234.69	2
7075	C9H19Cl	4-chloro-4-methyloctane	36903-89-6	6.90664	1642.0722	204.634	73.37	236.21	2
7076	C9H19Cl	3-chloro-2,2,3-trimethylhexane	102449-95-6	6.65995	1549.8539	206.858	66.97	238.74	2
7077	C9H19F	1-fluorononane	463-18-3	7.15163	1615.1984	210.194	52.37	196.68	1,2
7078	C9H19F	1-fluorononane	---	6.60759	1443.0819	212.974	44.37	208.27	2
7079	C9H19F	2-fluorononane	---	6.60759	1443.0819	212.974	44.37	208.27	2
7080	C9H19F	3-fluorononane	---	6.60759	1443.0819	212.974	44.37	208.27	2
7081	C9H19F	4-fluorononane	---	6.60759	1443.0819	212.974	44.37	208.27	2
7082	C9H19F	5-fluorononane	---	6.60759	1443.0819	212.974	44.37	208.27	2
7083	C9H19F	1-fluoro-2-methyloctane	---	6.60759	1443.0819	212.974	44.37	208.27	2
7084	C9H19F	1-fluoro-3-methyloctane	---	6.60759	1443.0819	212.974	44.37	208.27	2
7085	C9H19F	1-fluoro-4-methyloctane	---	6.60759	1443.0819	212.974	44.37	208.27	2
7086	C9H19F	1-fluoro-5-methyloctane	---	6.60759	1443.0819	212.974	44.37	208.27	2
7087	C9H19F	1-fluoro-6-methyloctane	---	6.60759	1443.0819	212.974	44.37	208.27	2
7088	C9H19F	1-fluoro-7-methyloctane	---	6.60759	1443.0819	212.974	44.37	208.27	2
7089	C9H19F	2-fluoro-2-methyloctane	---	6.32014	1341.3375	215.754	36.37	211.65	2
7090	C9H19F	2-fluoro-3-methyloctane	---	6.32014	1341.3375	215.754	36.37	211.65	2
7091	C9H19F	2-fluoro-4-methyloctane	---	6.32014	1341.3375	215.754	36.37	211.65	2
7092	C9H19F	2-fluoro-5-methyloctane	---	6.32014	1341.3375	215.754	36.37	211.65	2
7093	C9H19F	2-fluoro-6-methyloctane	---	6.32014	1341.3375	215.754	36.37	211.65	2
7094	C9H19F	2-fluoro-7-methyloctane	---	6.32014	1341.3375	215.754	36.37	211.65	2
7095	C9H19F	3-fluoro-2-methyloctane	---	6.32014	1341.3375	215.754	36.37	211.65	2
7096	C9H19F	3-fluoro-3-methyloctane	---	6.32014	1341.3375	215.754	36.37	211.65	2
7097	C9H19F	3-fluoro-4-methyloctane	---	6.32014	1341.3375	215.754	36.37	211.65	2
7098	C9H19F	3-fluoro-5-methyloctane	---	6.32014	1341.3375	215.754	36.37	211.65	2
7099	C9H19F	3-fluoro-6-methyloctane	---	6.32014	1341.3375	215.754	36.37	211.65	2
7100	C9H19F	3-fluoro-7-methyloctane	---	6.32014	1341.3375	215.754	36.37	211.65	2
7101	C9H19I	1-iodononane	4282-42-2	7.91061	2103.0656	187.954	116.37	256.78	2
7102	C9H19I	1-iodononane	---	7.49963	1944.0666	190.734	108.37	259.51	2
7103	C9H19I	2-iodononane	---	7.49963	1944.0666	190.734	108.37	259.51	2
7104	C9H19I	3-iodononane	---	7.49963	1944.0666	190.734	108.37	259.51	2
7105	C9H19I	4-iodononane	---	7.49963	1944.0666	190.734	108.37	259.51	2
7106	C9H19I	5-iodononane	---	7.49963	1944.0666	190.734	108.37	259.51	2
7107	C9H19I	1-iodo-2-methyloctane	---	7.49963	1944.0666	190.734	108.37	259.51	2
7108	C9H19I	1-iodo-3-methyloctane	---	7.49963	1944.0666	190.734	108.37	259.51	2
7109	C9H19I	1-iodo-4-methyloctane	---	7.49963	1944.0666	190.734	108.37	259.51	2
7110	C9H19I	1-iodo-5-methyloctane	---	7.49963	1944.0666	190.734	108.37	259.51	2
7111	C9H19I	1-iodo-6-methyloctane	---	7.49963	1944.0666	190.734	108.37	259.51	2
7112	C9H19I	1-iodo-7-methyloctane	---	7.49963	1944.0666	190.734	108.37	259.51	2
7113	C9H19I	2-iodo-2-methyloctane	---	7.13931	1804.2466	193.514	100.37	262.40	2
7114	C9H19I	2-iodo-3-methyloctane	---	7.13931	1804.2466	193.514	100.37	262.40	2
7115	C9H19I	2-iodo-4-methyloctane	---	7.13931	1804.2466	193.514	100.37	262.40	2
7116	C9H19I	2-iodo-5-methyloctane	---	7.13931	1804.2466	193.514	100.37	262.40	2
7117	C9H19I	2-iodo-6-methyloctane	---	7.13931	1804.2466	193.514	100.37	262.40	2
7118	C9H19I	2-iodo-7-methyloctane	---	7.13931	1804.2466	193.514	100.37	262.40	2
7119	C9H19I	3-iodo-2-methyloctane	---	7.13931	1804.2466	193.514	100.37	262.40	2
7120	C9H19I	3-iodo-3-methyloctane	---	7.13931	1804.2466	193.514	100.37	262.40	2

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mmHg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
7121	C9H19I	3-iodo-4-methyloctane	---	7.13931	1804.2466	193.514	100.37	262.40	2
7122	C9H19I	3-iodo-5-methyloctane	---	7.13931	1804.2466	193.514	100.37	262.40	2
7123	C9H19I	3-iodo-6-methyloctane	---	7.13931	1804.2466	193.514	100.37	262.40	2
7124	C9H19I	3-iodo-7-methyloctane	---	7.13931	1804.2466	193.514	100.37	262.40	2
7125	C9H19N	1-tert-butylpiperidine	14446-69-6	6.71969	1490.4740	209.916	28.00	211.38	2
7126	C9H19N	3-butylpiperidine	13603-21-9	7.91667	1912.5101	201.437	75.07	202.49	2
7127	C9H19N	4-butylpiperidine	24152-39-4	7.79768	1870.7376	202.132	73.07	203.15	2
7128	C9H19N	N-butylpiperidine	4945-48-6	7.18390	1643.7185	207.136	28.00	203.58	1,2
7129	C9H19N	2,5-diethylpiperidine	116836-21-6	7.61642	1807.0402	203.244	69.87	204.24	2
7130	C9H19N	1-isobutylpiperidine	10315-89-6	6.55092	1430.5557	211.445	28.00	213.17	2
7131	C9H19N	1-methyl-2-propylpiperidine, (S)	35305-13-6	6.98706	1585.1465	207.692	28.00	208.88	2
7132	C9H19N	2,2,4,6-tetramethylpiperidine	6292-82-6	6.42097	1384.3319	212.696	28.00	214.68	2
7133	C9H19N	2,2,6,6-tetramethylpiperidine	768-66-1	7.27189	1601.6304	212.696	28.00	178.90	1,2
7134	C9H19N	cyclohexylisopropylamine	1195-42-2	6.51127	1444.0552	209.420	52.60	224.30	2
7135	C9H19N	N,6-dimethyl-5-hepten-2-amine	503-01-5	7.96135	1906.2154	206.858	66.97	191.97	2
7136	C9H19N	3,3,5-trimethylcyclohexylamine	15901-42-5	6.88808	1580.3266	206.024	62.37	220.37	2
7137	C9H19NO	N,N-dibutylformamide	761-65-9	5.99039	1438.2614	198.136	90.07	313.97	1,2
7138	C9H19NO2	1-nitrononane	2216-21-9	7.26367	1931.7927	186.842	121.57	286.42	2
7139	C9H20	nonane	111-84-2	7.18909	1607.7359	222.414	37.36	178.79	1,2
7140	C9H20	2-methyloctane	3221-61-2	7.13732	1553.8851	221.781	31.41	171.06	1,2
7141	C9H20	3-methyloctane	2216-33-3	7.17567	1594.9414	227.131	31.13	172.22	1,2
7142	C9H20	4-methyloctane	2216-34-4	7.18954	1601.0574	229.145	29.53	170.35	1,2
7143	C9H20	2,2-dimethylheptane	1071-26-7	7.09917	1506.9435	224.544	22.53	160.14	1,2
7144	C9H20	2,3-dimethylheptane	3074-71-3	7.01649	1461.4875	212.875	30.04	168.25	1,2
7145	C9H20	2,4-dimethylheptane	2213-23-2	7.01462	1433.8213	213.953	24.44	160.14	1,2
7146	C9H20	2,5-dimethylheptane	2216-30-0	7.03511	1458.7541	215.134	26.58	163.44	1,2
7147	C9H20	2,6-dimethylheptane	1072-05-5	7.09083	1512.0153	223.937	24.31	162.87	1,2
7148	C9H20	3,3-dimethylheptane	4032-86-4	7.38737	1600.7071	217.895	32.71	162.72	1,2
7149	C9H20	3,3-diethylpentane	1067-20-5	7.78813	1789.5789	228.471	35.16	160.04	2
7150	C9H20	3,4-dimethylheptane	922-28-1	7.06512	1505.6331	219.218	29.03	168.50	1,2
7151	C9H20	3,5-dimethylheptane	926-82-9	7.03209	1459.3022	215.521	26.40	163.49	1,2
7152	C9H20	4,4-dimethylheptane	1068-19-5	7.02730	1471.2465	219.607	24.49	162.99	1,2
7153	C9H20	2,2,3-trimethylhexane	16747-25-4	6.96485	1433.9268	217.506	22.89	161.54	1,2
7154	C9H20	2,2,4-trimethylhexane	16747-26-5	7.03047	1462.0648	225.794	16.65	154.10	1,2
7155	C9H20	2,2,5-trimethylhexane	3522-94-9	7.06137	1478.0146	229.455	14.39	151.52	1,2
7156	C9H20	2,3,3-trimethylhexane	16747-28-7	6.97415	1456.0420	218.021	25.70	165.93	1,2
7157	C9H20	2,3,4-trimethylhexane	921-47-1	7.03580	1496.6678	221.160	26.80	167.19	1,2
7158	C9H20	2,3,5-trimethylhexane	1069-53-0	7.00013	1436.8801	217.465	22.01	158.85	1,2
7159	C9H20	2,4,4-trimethylhexane	16747-30-1	7.01643	1455.0364	221.170	20.67	158.28	1,2
7160	C9H20	3,3,4-trimethylhexane	16747-31-2	6.90930	1406.6222	208.699	29.34	168.67	1,2
7161	C9H20	2,2,3,3-tetramethylpentane	7154-79-2	6.92311	1455.5439	219.789	25.95	169.26	1,2
7162	C9H20	2,2,3,4-tetramethylpentane	1186-53-4	7.01955	1500.4910	229.518	19.75	161.47	1,2
7163	C9H20	2,2,4,4-tetramethylpentane	1070-87-7	6.97580	1436.9328	228.610	11.85	150.13	1,2
7164	C9H20	2,3,3,4-tetramethylpentane	16747-38-9	6.98851	1484.8445	219.929	28.02	170.14	1,2
7165	C9H20	3-ethylheptane	15869-80-4	7.21986	1628.2573	232.057	29.73	171.18	1,2
7166	C9H20	4-ethylheptane	2216-32-2	7.12967	1538.4425	220.874	30.11	168.82	1,2
7167	C9H20	3-ethyl-2-methylhexane	16789-46-1	7.05625	1490.4347	218.943	27.16	165.74	1,2
7168	C9H20	4-ethyl-2-methylhexane	3074-75-7	7.04242	1459.9337	217.000	24.61	161.16	1,2
7169	C9H20	3-ethyl-3-methylhexane	3074-76-8	7.04317	1506.8584	221.410	27.94	168.83	1,2
7170	C9H20	3-ethyl-4-methylhexane	3074-77-9	7.05520	1489.8828	216.501	29.55	168.15	1,2
7171	C9H20	3,3-diethylpentane	1067-20-5	7.54800	1687.7171	215.423	42.32	171.12	1,2
7172	C9H20	2,2-dimethyl-3-ethylpentane	16747-32-3	7.09332	1541.7836	232.161	20.87	162.01	1,2
7173	C9H20	2,3-dimethyl-3-ethylpentane	16747-33-4	7.12831	1592.5377	230.225	29.64	173.31	1,2
7174	C9H20	2,4-dimethyl-3-ethylpentane	1068-87-7	7.15140	1590.4519	235.700	22.85	164.96	1,2
7175	C9H20O	1-nonanol	143-08-8	7.09199	1532.4898	152.060	99.50	239.87	1,2
7176	C9H20O	2-nonanol	628-99-9	8.00568	2002.6375	194.918	90.94	220.24	1,2
7177	C9H20O	2-nonanol, (±)	74683-66-2	8.02941	2034.6002	202.271	87.17	217.44	2
7178	C9H20O	3-nonanol	624-51-1	8.22763	2288.3423	233.232	83.38	220.28	1,2
7179	C9H20O	3-nonanol, (±)	74742-08-8	8.10260	2061.3460	201.854	88.37	217.05	2
7180	C9H20O	4-nonanol	5932-79-6	7.99932	2038.9952	205.858	85.46	217.39	1,2
7181	C9H20O	4-nonanol, (S)	52708-03-9	7.98153	2017.0980	202.549	86.37	217.71	2
7182	C9H20O	5-nonanol	623-93-8	7.48763	1610.8230	154.571	93.72	219.54	1,2
7183	C9H20O	2-methyl-1-octanol	818-81-5	8.35119	2152.1050	200.506	92.25	215.81	2
7184	C9H20O	3-methyl-1-octanol	38514-02-2	8.35119	2152.1050	200.506	92.25	215.81	2
7185	C9H20O	4-methyl-1-octanol	38514-03-3	8.35119	2152.1050	200.506	92.25	215.81	2
7186	C9H20O	5-methyl-1-octanol	38514-04-4	8.35119	2152.1050	200.506	92.25	215.81	2
7187	C9H20O	6-methyl-1-octanol	38514-05-5	7.99574	2070.5033	198.796	97.17	231.31	1,2
7188	C9H20O	7-methyl-1-octanol	2430-22-0	8.69539	2277.5771	198.796	64.50	214.29	2
7189	C9H20O	2-methyl-2-octanol	628-44-4	8.00692	1971.3977	206.580	74.77	201.99	1,2
7190	C9H20O	3-methyl-2-octanol	27644-49-1	7.47247	1830.6611	205.788	77.05	220.88	2
7191	C9H20O	5-methyl-2-octanol	66793-81-5	7.47247	1830.6611	205.788	77.05	220.88	2
7192	C9H20O	7-methyl-2-octanol	66793-83-7	7.47247	1830.6611	205.788	77.05	220.88	2
7193	C9H20O	2-methyl-3-octanol	26533-34-6	8.00442	1992.6334	204.912	79.57	208.28	1,2
7194	C9H20O	3-methyl-3-octanol	5340-36-3	7.81947	1957.8180	203.522	83.57	218.64	2
7195	C9H20O	4-methyl-3-octanol	66793-80-4	7.68056	1906.9524	204.398	81.05	219.49	2
7196	C9H20O	6-methyl-3-octanol	40225-75-0	7.68056	1906.9524	204.398	81.05	219.49	2
7197	C9H20O	7-methyl-3-octanol	66793-84-8	7.68056	1906.9524	204.398	81.05	219.49	2
7198	C9H20O	2-methyl-4-octanol	40575-41-5	7.60186	1878.1110	204.912	79.57	220.00	2
7199	C9H20O	3-methyl-4-octanol	26533-35-7	8.00608	1978.4762	206.024	76.37	204.09	1,2
7200	C9H20O	4-methyl-4-octanol	23418-37-3	8.05550	1996.1155	205.746	77.17	203.83	1,2

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mmHg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
7201	C9H20O	5-methyl-4-octanol	59734-23-5	7.51293	1845.5045	205.510	77.85	220.60	2
7202	C9H20O	6-methyl-4-octanol	66793-82-6	7.51293	1845.5045	205.510	77.85	220.60	2
7203	C9H20O	7-methyl-4-octanol	33933-77-6	7.51293	1845.5045	205.510	77.85	220.60	2
7204	C9H20O	2-ethyl-1-heptanol	817-60-7	8.29838	2132.8341	200.784	91.45	216.07	2
7205	C9H20O	3-ethyl-1-heptanol	3525-25-5	8.01892	2081.0291	198.518	97.97	231.71	1,2
7206	C9H20O	5-ethyl-1-heptanol	998-65-2	8.29838	2132.8341	200.784	91.45	216.07	2
7207	C9H20O	2,2-dimethyl-1-heptanol	14250-79-4	8.01231	2024.1618	202.688	85.97	216.35	1,2
7208	C9H20O	4,6-dimethyl-1-heptanol	820-05-3	7.51293	1845.5045	205.510	77.85	220.60	2
7209	C9H20O	6,6-dimethyl-1-heptanol	65769-10-0	7.51293	1845.5045	205.510	77.85	220.60	2
7210	C9H20O	2-ethyl-2-heptanol	5340-36-3	7.51293	1845.5045	205.510	77.85	220.60	2
7211	C9H20O	3-ethyl-2-heptanol	19780-39-3	7.51293	1845.5045	205.510	77.85	220.60	2
7212	C9H20O	2,3-dimethyl-2-heptanol	66794-00-1	7.51293	1845.5045	205.510	77.85	220.60	2
7213	C9H20O	2,4-dimethyl-2-heptanol	65822-93-7	7.51293	1845.5045	205.510	77.85	220.60	2
7214	C9H20O	2,5-dimethyl-2-heptanol	---	7.51293	1845.5045	205.510	77.85	220.60	2
7215	C9H20O	2,6-dimethyl-2-heptanol	13254-34-7	7.10190	1694.4747	208.526	69.17	223.73	2
7216	C9H20O	4,6-dimethyl-2-heptanol	51079-52-8	7.97645	2021.0926	202.132	87.57	219.40	1,2
7217	C9H20O	5,6-dimethyl-2-heptanol	58795-24-7	8.00118	2020.9487	202.688	85.97	216.65	1,2
7218	C9H20O	3-ethyl-3-heptanol	19780-41-7	7.52723	1850.7475	205.413	78.13	220.50	2
7219	C9H20O	2,2-dimethyl-3-heptanol	19549-70-3	7.35438	1787.3083	206.622	74.65	221.73	2
7220	C9H20O	2,3-dimethyl-3-heptanol	19549-71-4	8.05917	1971.3591	207.692	71.57	196.50	1,2
7221	C9H20O	2,6-dimethyl-3-heptanol	19549-73-6	8.21613	2018.9595	207.414	72.37	193.63	1,2
7222	C9H20O	3,5-dimethyl-3-heptanol	19549-74-7	7.31607	1773.2367	206.900	73.85	222.02	2
7223	C9H20O	3,6-dimethyl-3-heptanol	1573-28-0	8.00904	1953.7018	207.970	70.77	196.76	1,2
7224	C9H20O	4-ethyl-4-heptanol	597-90-0	7.98184	1967.9862	206.302	75.57	203.70	1,2
7225	C9H20O	2,2-dimethyl-4-heptanol	66793-99-5	7.20967	1734.1257	207.692	71.57	222.84	2
7226	C9H20O	2,4-dimethyl-4-heptanol	19549-77-0	8.05543	1960.7391	208.415	69.49	193.90	1,2
7227	C9H20O	2,6-dimethyl-4-heptanol	108-82-7	8.05714	1984.9749	206.622	74.65	200.53	1,2
7228	C9H20O	3,3-dimethyl-4-heptanol	19549-78-1	7.28391	1761.4200	207.136	73.17	222.26	2
7229	C9H20O	3,5-dimethyl-4-heptanol	19549-79-2	8.42553	2124.0593	204.078	81.97	200.99	1,2
7230	C9H20O	2-propyl-1-hexanol	817-46-9	7.81271	1955.3438	203.564	83.45	218.68	2
7231	C9H20O	3-propyl-1-hexanol	66793-85-9	7.81271	1955.3438	203.564	83.45	218.68	2
7232	C9H20O	1-methyl-2-ethyl-1-hexanol	---	7.81271	1955.3438	203.564	83.45	218.68	2
7233	C9H20O	1-methyl-3-ethyl-1-hexanol	---	7.95786	2008.4432	202.688	85.97	217.84	2
7234	C9H20O	3-methyl-2-ethyl-1-hexanol	66794-04-5	8.00538	2025.8168	202.410	86.77	217.58	2
7235	C9H20O	4-methyl-2-ethyl-1-hexanol	66794-06-7	7.99999	2031.5673	201.854	88.37	219.79	1,2
7236	C9H20O	5-methyl-2-ethyl-1-hexanol	66794-07-8	7.99820	2023.1944	202.452	86.65	217.62	2
7237	C9H20O	3,3,5-trimethyl-1-hexanol	1484-87-3	7.99820	2023.1944	202.452	86.65	217.62	2
7238	C9H20O	3,4,4-trimethyl-1-hexanol	66793-73-5	8.00158	2017.4092	202.966	85.17	215.61	1,2
7239	C9H20O	3,5,5-trimethyl-1-hexanol	3452-97-9	7.95067	2009.9970	202.410	86.77	219.08	1,2
7240	C9H20O	4,5,5-trimethyl-1-hexanol	66793-75-7	7.97839	2050.7976	199.908	93.97	227.65	1,2
7241	C9H20O	2-methyl-3-ethyl-2-hexanol	66794-02-3	8.03186	1978.4172	206.580	74.77	201.34	1,2
7242	C9H20O	2,3,4-trimethyl-2-hexanol	21102-13-6	7.99820	2023.1944	202.452	86.65	217.62	2
7243	C9H20O	2,4,4-trimethyl-2-hexanol	66793-91-7	7.99820	2023.1944	202.452	86.65	217.62	2
7244	C9H20O	2,4,5-trimethyl-2-hexanol	66793-93-9	7.99820	2023.1944	202.452	86.65	217.62	2
7245	C9H20O	2,5,5-trimethyl-2-hexanol	66793-71-3	7.99820	2023.1944	202.452	86.65	217.62	2
7246	C9H20O	2-methyl-3-ethyl-3-hexanol	66794-03-4	7.60606	1879.6512	204.885	79.65	219.97	2
7247	C9H20O	2-methyl-4-ethyl-3-hexanol	33943-21-4	7.39321	1801.5671	206.344	75.45	221.44	2
7248	C9H20O	3-methyl-4-ethyl-3-hexanol	66794-05-6	7.39321	1801.5671	206.344	75.45	221.44	2
7249	C9H20O	4-methyl-3-ethyl-3-hexanol	51200-80-7	7.39321	1801.5671	206.344	75.45	221.44	2
7250	C9H20O	5-methyl-3-ethyl-3-hexanol	597-77-3	8.03473	1957.1896	208.248	69.97	195.06	1,2
7251	C9H20O	2,2,3-trimethyl-3-hexanol	5340-41-0	8.16933	1998.7563	207.943	70.85	192.81	1,2
7252	C9H20O	2,2,4-trimethyl-3-hexanol	66793-89-3	8.01077	1939.5454	209.082	67.57	192.57	1,2
7253	C9H20O	2,2,5-trimethyl-3-hexanol	3970-60-3	6.74014	1561.0566	211.584	60.37	227.12	2
7254	C9H20O	2,3,4-trimethyl-3-hexanol	66793-90-6	6.92633	1629.7887	209.958	65.05	225.29	2
7255	C9H20O	2,3,5-trimethyl-3-hexanol	65927-60-8	6.92633	1629.7887	209.958	65.05	225.29	2
7256	C9H20O	2,4,4-trimethyl-3-hexanol	66793-92-8	7.96002	1932.7723	208.526	69.17	195.97	1,2
7257	C9H20O	2,5,5-trimethyl-3-hexanol	66793-72-4	7.02720	1666.9673	209.124	67.45	224.38	2
7258	C9H20O	3,4,4-trimethyl-3-hexanol	66793-74-6	8.03766	1935.9629	209.916	65.17	188.77	1,2
7259	C9H20O	3,5,5-trimethyl-3-hexanol	66810-87-5	6.92633	1629.7887	209.958	65.05	225.29	2
7260	C9H20O	4-methyl-2-propyl-1-pentanol	54004-41-0	7.98914	2017.4720	202.688	85.97	216.98	1,2
7261	C9H20O	4-methyl-2-isopropyl-1-pentanol	55505-24-3	8.00319	2003.2515	204.078	81.97	211.42	1,2
7262	C9H20O	2,2-dimethyl-3-ethyl-1-pentanol	66793-95-1	7.76802	1938.9842	203.842	82.65	218.95	2
7263	C9H20O	2,4-dimethyl-2-ethyl-1-pentanol	66793-98-4	8.00279	2006.7909	203.800	82.77	212.46	1,2
7264	C9H20O	3,3-diethyl-2-pentanol	66793-94-0	7.76802	1938.9842	203.842	82.65	218.95	2
7265	C9H20O	2,3-dimethyl-3-ethyl-2-pentanol	66793-97-3	7.76802	1938.9842	203.842	82.65	218.95	2
7266	C9H20O	4,4-dimethyl-3-ethyl-2-pentanol	21102-09-0	7.76802	1938.9842	203.842	82.65	218.95	2
7267	C9H20O	2,3,3,4-tetramethyl-2-pentanol	66793-86-0	7.43257	1816.0167	206.066	76.25	221.16	2
7268	C9H20O	2,3,4,4-tetramethyl-2-pentanol	66793-87-1	7.43257	1816.0167	206.066	76.25	221.16	2
7269	C9H20O	3,3,4,4-tetramethyl-2-pentanol	66793-88-2	7.43852	1818.2008	206.024	50.00	221.12	2
7270	C9H20O	2-methyl-3-isopropyl-3-pentanol	---	7.36017	1789.4351	206.580	74.77	221.69	2
7271	C9H20O	2,2-dimethyl-3-ethyl-3-pentanol	66793-96-2	8.00861	1957.2409	207.692	71.57	197.80	1,2
7272	C9H20O	2,4-dimethyl-3-ethyl-3-pentanol	3970-59-0	8.00696	1971.0438	206.608	74.69	201.89	1,2
7273	C9H20O	2,2,3,4-tetramethyl-3-pentanol	62185-29-9	7.21700	1736.8235	207.637	71.73	222.79	2
7274	C9H20O	2,2,4,4-tetramethyl-3-pentanol	14609-79-1	8.07072	1948.7491	209.638	50.00	188.97	1,2
7275	C9H20O	1-methoxy-octane	929-56-6	8.06221	1920.9297	207.831	64.17	185.77	2
7276	C9H20O	2-methoxy-octane	---	7.21505	1629.5084	213.058	49.13	190.97	2
7277	C9H20O	3-methoxy-octane	---	7.21505	1629.5084	213.058	49.13	190.97	2
7278	C9H20O	4-methoxy-octane	---	7.21505	1629.5084	213.058	49.13	190.97	2
7279	C9H20O	1-ethoxy-heptane	1969-43-3	7.72074	1804.4269	209.916	58.57	187.63	2
7280	C9H20O	2-ethoxy-heptane	---	7.21505	1629.5084	213.058	49.13	190.97	2

Table 1 Vapor Pressure – Organic Compounds

log ₁₀ P = A - B/(T + C) (P - mmHg, T - C)									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
7281	C9H20O	3-ethoxy-heptane	---	7.21505	1629.5084	213.058	49.13	190.97	2
7282	C9H20O	4-ethoxy-heptane	---	7.21505	1629.5084	213.058	49.13	190.97	2
7283	C9H20O	1-propoxy-hexane	---	7.66751	1785.3802	210.083	57.69	187.94	2
7284	C9H20O	2-propoxy-hexane	---	7.21505	1629.5084	213.058	49.13	190.97	2
7285	C9H20O	3-propoxy-hexane	---	7.21505	1629.5084	213.058	49.13	190.97	2
7286	C9H20O	1-isopropoxy-hexane	---	7.12275	1597.6393	213.725	47.21	191.67	2
7287	C9H20O	2-isopropoxy-hexane	---	7.12275	1597.6393	213.725	47.21	191.67	2
7288	C9H20O	3-isopropoxy-hexane	---	7.12275	1597.6393	213.725	47.21	191.67	2
7289	C9H20O2	1,2-nonanediol	42789-13-9	8.55061	2471.2113	182.116	145.17	278.18	3
7290	C9H20O2	1,3-nonanediol	23433-07-0	9.15895	2717.1625	179.058	153.97	275.54	3
7291	C9H20O2	1,4-nonanediol	2430-73-1	10.67868	3329.3719	173.220	170.77	270.88	3
7292	C9H20O2	1,9-nonanediol	3937-56-2	9.67341	2924.7114	176.834	160.37	273.71	3
7293	C9H20O2	2-butyl-2-ethyl-1,3-propanediol	115-84-4	8.35315	2391.2304	183.228	141.97	279.18	3
7294	C9H20O2	heptyloxyethanol	7409-44-1	9.36921	2650.0611	187.251	129.39	241.05	3
7295	C9H20O2	2-(1-ethylamloxy)ethanol	10138-47-3	9.36921	2650.0611	187.251	129.39	241.05	3
7296	C9H20O2	2-ethylbutoxypropanol, mixed isomers	63716-41-6	9.36921	2650.0611	187.251	129.39	241.05	3
7297	C9H20O4S	methyl octyl sulfate	3539-29-5	5.98224	1543.2543	181.869	127.88	369.21	3
7298	C9H20S	1-nonanethiol	1455-21-6	7.59031	1954.4874	194.960	101.61	248.39	1,2
7299	C9H20S	2-nonanethiol	13281-11-3	7.28929	1827.1319	198.185	92.33	246.65	2
7300	C9H20S	3-nonanethiol	---	7.23316	1805.0784	198.463	91.13	247.09	2
7301	C9H20S	4-nonanethiol	---	7.19772	1791.5796	198.741	90.33	247.38	2
7302	C9H20S	5-nonanethiol	---	7.16273	1778.2468	199.019	89.53	247.68	2
7303	C9H20S	2-methyl-1-octanethiol	---	7.44032	1883.8963	196.906	95.61	245.48	2
7304	C9H20S	3-methyl-1-octanethiol	---	7.40221	1869.4056	197.184	94.81	245.76	2
7305	C9H20S	4-methyl-1-octanethiol	---	7.36459	1855.1001	197.462	94.01	246.05	2
7306	C9H20S	5-methyl-1-octanethiol	---	7.32747	1840.9761	197.740	93.21	246.34	2
7307	C9H20S	6-methyl-1-octanethiol	---	7.29082	1827.0302	198.018	92.41	246.63	2
7308	C9H20S	7-methyl-1-octanethiol	---	7.25465	1813.2588	198.296	91.61	246.92	2
7309	C9H20S	2-methyl-2-octanethiol	---	7.18367	1786.2267	198.852	90.01	247.50	2
7310	C9H20S	3-methyl-2-octanethiol	---	7.14885	1772.9595	199.130	89.21	247.80	2
7311	C9H20S	4-methyl-2-octanethiol	---	7.11447	1759.8541	199.408	88.41	248.09	2
7312	C9H20S	5-methyl-2-octanethiol	---	7.08052	1746.9073	199.686	87.61	248.39	2
7313	C9H20S	6-methyl-2-octanethiol	---	7.04698	1734.1164	199.964	86.81	248.69	2
7314	C9H20S	7-methyl-2-octanethiol	---	7.01386	1721.4784	200.242	86.01	248.99	2
7315	C9H20S	tert-nonyl mercaptan, isomers	25360-10-5	6.87790	1670.1841	201.576	82.57	250.31	2
7316	C9H20S	2-thiadecane	3698-95-1	8.33085	2134.9659	195.460	95.77	219.18	2
7317	C9H20S	3-thiadecane	24768-44-3	7.85270	1961.0529	198.154	88.02	221.69	2
7318	C9H20S	4-thiadecane	24768-43-2	7.80723	1944.4859	198.432	87.22	221.96	2
7319	C9H20S	5-thiadecane	24768-42-1	7.76242	1928.1552	198.710	86.42	222.23	2
7320	C9H20S	3-methyl-2-thianonane	---	7.46612	1820.0448	200.656	80.82	224.16	2
7321	C9H20S	4-methyl-2-thianonane	---	7.42612	1805.4319	200.934	80.02	224.45	2
7322	C9H20S	5-methyl-2-thianonane	---	7.38667	1791.0141	201.212	79.22	224.73	2
7323	C9H20S	6-methyl-2-thianonane	---	7.34775	1776.7874	201.490	78.42	225.02	2
7324	C9H20S	2-methyl-3-thianonane	---	7.42612	1805.4319	200.934	80.02	224.45	2
7325	C9H20S	4-methyl-3-thianonane	---	7.38667	1791.0141	201.212	79.22	224.73	2
7326	C9H20S	5-methyl-3-thianonane	---	7.34775	1776.7874	201.490	78.42	225.02	2
7327	C9H20S	6-methyl-3-thianonane	---	7.30936	1762.7479	201.768	77.62	225.30	2
7328	C9H20S2	1,9-nonanedithiol	3489-28-9	6.83783	1884.5854	177.856	144.85	337.62	2
7329	C9H20S2	1,8-nonanedithiol	---	6.82465	1876.4717	177.390	144.77	337.73	2
7330	C9H20S2	1,7-nonanedithiol	---	6.79787	1864.8156	177.668	143.97	338.04	2
7331	C9H20S2	1,6-nonanedithiol	---	6.77136	1853.2762	177.946	143.17	338.36	2
7332	C9H20S2	1,5-nonanedithiol	---	6.74512	1841.8516	178.224	142.37	338.67	2
7333	C9H20S2	1,4-nonanedithiol	---	6.71915	1830.5401	178.502	141.57	338.99	2
7334	C9H20S2	1,3-nonanedithiol	---	6.69344	1819.3399	178.780	140.77	339.31	2
7335	C9H20S2	1,2-nonanedithiol	---	6.66799	1808.2494	179.058	139.97	339.64	2
7336	C9H20S2	2,3-dithiaundecane	---	7.43718	1978.4599	185.811	121.54	279.13	2
7337	C9H20S2	3,4-dithiaundecane	---	7.36515	1949.6762	186.367	119.94	279.69	2
7338	C9H20S2	4,5-dithiaundecane	---	7.29489	1921.5838	186.923	118.34	280.27	2
7339	C9H20S2	5,6-dithiaundecane	---	7.22634	1894.1576	187.479	116.74	280.85	2
7340	C9H20S2	6,7-dithiaundecane	4431-80-5	7.15943	1867.3736	188.035	115.14	281.44	2
7341	C9H20S2	2,4-dithiaundecane	---	7.82642	2133.7258	183.031	129.54	276.37	2
7342	C9H20S2	3,5-dithiaundecane	---	7.74443	2101.0591	183.587	127.94	276.91	2
7343	C9H20S2	4,6-dithiaundecane	---	7.66460	2069.2309	184.143	126.34	277.46	2
7344	C9H21BO3	triisopropyl borate	5419-55-6	7.24425	1558.3764	217.144	32.43	166.46	3
7345	C9H21BS3	tripropyl trithioborate	998-38-9	10.32010	3980.0000	273.150	149.85	284.41	3
7346	C9H21In	tripropyl indium	3015-98-3	8.48200	2716.8000	273.150	89.96	239.44	3
7347	C9H21In	triisopropylindium	17144-80-8	8.45300	2665.8000	273.150	84.53	232.58	3
7348	C9H21N	nonylamine	112-20-9	7.73716	1946.9235	199.853	89.13	227.54	1,2
7349	C9H21N	methyloctylamine	2439-54-5	7.92744	1945.8607	204.162	76.73	205.87	2
7350	C9H21N	ethylheptylamine	66793-76-8	7.65238	1847.7643	205.830	71.93	207.49	2
7351	C9H21N	tert-amyl-tert-butylamine	2085-66-7	6.38388	1392.2844	216.032	42.57	218.78	2
7352	C9H21N	dimethylheptylamine	5277-11-2	7.77344	1850.6281	208.248	64.97	194.80	1,2
7353	C9H21N	diethylpentylamine	2162-91-6	7.65570	1762.8712	212.696	52.17	181.34	1,2
7354	C9H21N	tripropylamine	102-69-2	7.70900	1778.7389	212.557	52.57	180.35	1,2
7355	C9H21N	N-methyldibutylamine	3405-45-6	7.59759	1759.8770	211.696	55.05	186.85	2
7356	C9H21NO	5-diethylamino-2-pentanol	5412-69-1	5.75330	1391.1056	199.491	93.17	341.49	3
7357	C9H21NO2	3-diisopropylamino-1,2-propanediol	85721-30-8	6.90294	1947.5773	187.630	142.30	335.76	3
7358	C9H22ClN2PS	N,N'-bis(1-methylpropyl)diamide(chloromethyl)-thiophosphonate	58023-20-4	7.47370	3490.0000	273.150	265.95	540.02	3
7359	C9H22N2	N1,N1-diethyl-1,4-pentanediamine	140-80-7	7.68755	1928.3981	200.186	88.17	227.80	1,2
7360	C9H22N2	N,N,N',N'-tetraethylmethanediamine	102-53-4	5.80929	1298.4215	209.972	37.50	284.20	3

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mmHg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
7361	C9H22N2	1,9-diaminononane	646-24-2	7.69507	2131.5178	184.201	134.17	288.08	1,2
7362	C9H22N2	N,N'-diisopropyl-1,3-propanediamine	63737-71-3	7.00805	1774.2504	196.482	98.83	267.23	3
7363	C9H22N2	2,2,4,(2,4,4)-trimethyl-1,6-hexanediamine	25620-58-0	7.63671	2021.1315	191.568	112.97	262.12	3
7364	C10F8	perfluoronaphthalene	313-72-4	6.17396	1126.4733	131.066	86.65	245.41	1,2
7365	C10F18	cis-perfluorodecalin	60433-11-6	6.92489	1371.2446	197.575	33.86	168.77	1,2
7366	C10F18	trans-perfluorodecalin	60433-12-7	6.83444	1341.4560	197.798	32.12	169.46	1,2
7367	C10F20	perfluoro(1-methyl-4-isopropylcyclohexane)	116667-53-9	6.93164	1401.1450	199.716	36.50	173.94	3
7368	C10F20	perfluoro(isobutyl-cyclohexane)	132868-02-1	6.93782	1380.3290	198.014	34.45	169.49	3
7369	C10F22	perfluorodecane	307-45-9	7.54707	1680.6765	215.977	40.73	169.04	1,2
7370	C10F22	perfluoro-2,7-dimethyloctane	3021-63-4	7.66689	1710.7400	216.032	40.57	165.40	2
7371	C10HCl5F14O2	3,5,7,9,10-pentachloro-tetradecafluoro-decanoic acid	335-74-0	10.16210	4209.0000	273.150	186.24	329.84	3
7372	C10H6Cl8	a-chlordan	5103-71-9	5.76547	2190.5928	266.933	192.75	580.94	3
7373	C10H6Cl8	trans-chlordane	5103-74-2	5.76982	2241.8685	283.539	186.47	582.72	3
7374	C10H7Br	1-bromonaphthalene	90-11-9	9.13763	2777.5746	206.554	134.77	259.81	3
7375	C10H7Cl	1-chloronaphthalene	90-13-1	7.14542	1932.0375	193.790	120.60	293.66	1,2
7376	C10H7Cl	2-chloronaphthalene	91-58-7	6.67492	1718.7431	184.896	117.97	307.15	2
7377	C10H7Cl	monochloronaphthalene	25586-43-0	6.75650	1752.4633	184.062	120.37	306.18	2
7378	C10H7Cl7	SD-10576	2589-15-3	6.44958	2619.5105	273.150	207.53	528.48	3
7379	C10H7F3O2	4,4,4-trifluoro-1-phenyl-1,3-dione	41463-86-9	12.36010	4596.1000	273.150	131.43	227.61	3
7380	C10H7F5O2	pentafluoropropanoic acid, 3-methylphenyl ester	24271-51-0	7.98570	2107.1000	239.100	62.53	199.53	3
7381	C10H7F5O2	pentafluoropropanoic acid, 4-methylphenyl ester	24271-52-1	7.63890	1886.7000	220.900	63.29	202.41	3
7382	C10H7I	1-iodonaphthalene	90-14-2	6.43972	1717.3241	162.543	153.16	364.59	1,2
7383	C10H8	naphthalene	91-20-3	6.92852	1561.3175	168.879	80.28	247.84	1,2
7384	C10H8	azulene	275-51-4	11.80210	2873.2369	149.458	116.53	183.85	3
7385	C10H8O	1-naphthol	90-15-3	6.94829	1743.7978	149.668	137.20	313.31	1,2
7386	C10H8O	2-naphthol	135-19-3	7.81407	2472.4470	215.630	140.70	318.12	1,2
7387	C10H9Cl3O3	ethyl 2,4,5-trichloro-phenoxyacetate	1928-39-8	6.60790	1659.1000	110.270	170.85	373.99	3
7388	C10H9N	2-methylquinoline	91-63-4	7.18026	1927.9583	201.570	110.38	280.61	1,2
7389	C10H9N	3-methylquinoline	612-58-8	7.52058	2099.2651	203.951	117.99	279.89	1,2
7390	C10H9N	4-methylquinoline	491-35-0	7.35627	1962.0492	176.552	132.13	293.46	1,2
7391	C10H9N	5-methylquinoline	7661-55-4	7.01994	1827.9817	183.784	119.87	292.49	1,2
7392	C10H9N	6-methylquinoline	91-62-3	7.15124	1884.1936	182.369	123.94	292.31	1,2
7393	C10H9N	7-methylquinoline	612-60-2	6.95606	1801.5265	184.415	118.05	292.91	1,2
7394	C10H9N	8-methylquinoline	611-32-5	6.95276	1770.0440	187.143	110.21	282.25	1,2
7395	C10H9N	1-methylisoquinoline	1721-93-3	6.94044	1766.6301	187.120	110.27	282.90	1,2
7396	C10H9N	3-methylisoquinoline	1125-80-0	7.03193	1796.9857	186.842	111.07	279.90	1,2
7397	C10H9N	4-methylisoquinoline	1196-39-0	7.25671	1886.8130	184.896	116.67	278.14	2
7398	C10H9N	6-methylisoquinoline	42398-73-2	7.60571	2024.8171	182.255	85.50	275.45	2
7399	C10H9N	8-methylisoquinoline	62882-00-2	8.10964	2251.6728	184.340	132.37	272.59	2
7400	C10H9N	1-naphthylamine	134-32-7	7.84235	2653.5233	233.969	153.84	335.39	1,2
7401	C10H9N	2-naphthylamine	91-59-8	7.77836	2615.1890	227.929	150.90	341.02	1,2
7402	C10H10	m-divinylbenzene	108-57-6	8.24052	2149.1093	225.079	71.74	199.76	3
7403	C10H10	1-methylindene	767-59-9	8.05808	2444.0624	271.180	75.10	230.04	3
7404	C10H10	2-methylindene	2177-47-1	7.23800	1741.1680	198.713	80.41	230.55	3
7405	C10H10	3-methyl-1H-indene	767-60-2	6.98928	1651.2578	201.020	74.68	232.67	3
7406	C10H10	4-methyl-1H-indene	7344-34-5	7.39398	1800.1109	197.962	80.00	229.40	3
7407	C10H10	6-methyl-1H-indene	20232-11-5	7.31675	1771.7735	198.518	80.00	229.97	3
7408	C10H10	7-methyl-1H-indene	7372-92-1	7.39398	1800.1109	197.962	80.00	229.40	3
7409	C10H10	bicyclopentadienyle	51900-21-3	4.95488	931.3512	273.150	-70.15	252.14	3
7410	C10H10Cl2Hf	bis(cyclopentadienyl)hafnium dichloride	12116-66-4	11.43110	5241.0000	273.150	229.29	362.18	3
7411	C10H10Cl2O3	ethyl (2,4-dichlorophenoxy)acetate	533-23-3	6.51772	1555.3800	108.300	170.85	357.96	3
7412	C10H10Cl2Ti	bis(cyclopentadienyl)titanium dichloride	1271-19-8	13.22010	6500.0000	273.150	258.76	374.37	3
7413	C10H10Cl2Zr	bis(cyclopentadienyl)zirconium dichloride	1291-32-3	11.26110	5241.0000	273.150	237.61	375.55	3
7414	C10H10Fe	ferrocene	102-54-5	7.61126	2470.0000	273.150	100.46	284.49	3
7415	C10H10O4	dimethyl phthalate	131-11-3	9.89546	3154.9003	209.140	145.52	260.79	3
7416	C10H10O4	dimethyl terephthalate	120-61-6	7.42668	1959.6487	147.083	157.84	314.57	1,2
7417	C10H10O4	dimethyl isophthalate	1459-93-4	7.06639	1554.9183	121.645	129.50	278.64	1,2
7418	C10H11N	1-ethyl-1H-indole	10604-59-8	6.40029	1654.8613	185.869	105.00	328.31	2
7419	C10H11N	3-ethyl-1H-indole	1484-19-1	7.10616	1955.6347	178.502	141.77	319.84	2
7420	C10H11N	2,3-dimethylindole	91-55-4	7.27324	2028.7928	176.834	105.50	319.03	1,2
7421	C10H11N	7-ethylindole	22867-74-9	5.93022	1452.9079	192.124	82.50	336.52	2
7422	C10H11N	2,4,6-trimethylbenzonitrile	2571-52-0	7.49045	2012.4249	182.237	127.82	284.83	2
7423	C10H11N	1,5-dimethyl-1H-indole	27816-53-1	7.25717	1948.6347	183.214	128.21	294.94	1,2
7424	C10H11N	3,5-dimethyl-1H-indole	3189-12-6	7.26922	2003.1136	178.905	140.61	311.17	1,2
7425	C10H11N	2,6-dimethyl-1H-indole	5649-36-5	7.26578	1987.2950	180.156	137.01	306.46	1,2
7426	C10H11N	p-isopropylbenzonitrile	13816-33-6	8.93859	2591.6984	173.498	152.97	276.70	2
7427	C10H11NO	2-ethyl-6-methylphenyl isocyanate	75746-71-3	7.71313	2009.9825	188.441	110.97	255.14	3
7428	C10H11NO	4-isopropylphenyl isocyanate	31027-31-3	7.71313	2009.9825	188.441	110.97	255.14	3
7429	C10H11NO	2-isopropylphenyl isocyanate	56309-56-9	7.71313	2009.9825	188.441	110.97	255.14	3
7430	C10H11NO	2-propylphenyl isocyanate	190774-57-3	7.71313	2009.9825	188.441	110.97	255.14	3
7431	C10H12	1,3-dicyclopentadiene	77-73-6	6.74582	1554.0125	222.923	33.85	213.11	3
7432	C10H12	1,2,3,4-tetrahydronaphthalene	119-64-2	6.88008	1722.0142	213.732	79.12	251.90	1,2
7433	C10H12	cis-(1-butenyl)benzene	1560-09-4	7.13021	1667.9831	203.522	68.57	218.93	1,2
7434	C10H12	trans-(1-butenyl)benzene	1005-64-7	7.13821	1701.1758	200.831	76.31	229.15	1,2
7435	C10H12	cis-(1-methyl-1-propenyl)benzene	767-99-7	7.14971	1625.1377	207.692	56.57	201.88	1,2
7436	C10H12	trans-(1-methyl-1-propenyl)benzene	768-00-3	7.13115	1686.4816	201.938	73.13	225.09	1,2
7437	C10H12	(2-methyl-1-propenyl)benzene	768-49-0	7.20308	1684.2816	203.825	67.70	215.02	1,2
7438	C10H12	cis-1-methyl-2-(1-propenyl)benzene	2077-33-0	7.65734	1823.2954	202.572	71.31	204.82	2
7439	C10H12	cis-1-methyl-3-(1-propenyl)benzene	2077-31-8	7.65734	1823.2954	202.572	71.31	204.82	2
7440	C10H12	cis-1-methyl-4-(1-propenyl)benzene	2077-29-4	7.82113	1880.9017	201.576	74.17	203.85	2

Table 1 Vapor Pressure – Organic Compounds

log ₁₀ P = A - B/(T + C) (P - mmHg, T - C)									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
7441	C10H12	trans-1-methyl-4-(1-propenyl)benzene	2077-30-7	8.06544	1966.7104	200.186	78.17	202.53	2
7442	C10H12	1-methyl-2-(1-methylethenyl)benzene	7399-49-7	7.06466	1591.5041	208.193	54.23	201.69	1,2
7443	C10H12	1-methyl-3-(1-methylethenyl)benzene	1124-20-5	6.94033	1598.5692	204.634	64.47	220.69	2
7444	C10H12	1-methyl-4-(1-methylethenyl)benzene	1195-32-0	7.23076	1679.9769	204.356	65.27	210.56	1,2
7445	C10H12	o-ethylstyrene	7564-63-8	7.01917	1626.9808	203.998	66.30	219.99	2
7446	C10H12	m-ethylstyrene	7525-62-4	7.03604	1640.2363	203.230	68.51	222.34	1,2
7447	C10H12	p-ethylstyrene	3454-07-7	7.20263	1692.7900	202.605	70.31	218.40	1,2
7448	C10H12	1-ethenyl-2,4-dimethylbenzene	2234-20-0	7.59233	1832.9021	199.878	78.16	215.70	2
7449	C10H12	1-ethenyl-3,5-dimethylbenzene	5379-20-4	7.19940	1691.6769	202.572	70.31	218.50	2
7450	C10H12	2-ethenyl-1,3-dimethylbenzene	2039-90-9	7.19940	1691.6769	202.572	70.31	218.50	2
7451	C10H12	2-ethenyl-1,4-dimethylbenzene	2039-89-6	7.22753	1701.9582	202.402	70.89	218.28	2
7452	C10H12	4-ethenyl-1,2-dimethylbenzene	27831-13-6	7.19940	1691.6769	202.572	70.31	218.50	2
7453	C10H12	2,3-dimethylstyrene	40243-75-2	7.19940	1691.6769	202.572	70.31	218.50	2
7454	C10H12	3,4-dimethylstyrene	---	7.19940	1691.6769	202.572	70.31	218.50	2
7455	C10H12	2,6-dimethylstyrene	2039-90-9	7.19940	1691.6769	202.572	70.31	218.50	2
7456	C10H12	3,5-dimethylstyrene	80648-26-6	7.19940	1691.6769	202.572	70.31	218.50	2
7457	C10H12	2-butenylbenzene	1560-06-1	7.11386	1622.0460	207.136	58.17	205.39	1,2
7458	C10H12	3-butenylbenzene	768-56-9	7.08651	1617.9673	206.858	58.97	207.51	1,2
7459	C10H12	1-methyl-2-allylbenzene	1587-04-8	7.41412	1723.4703	205.329	63.37	201.89	1,2
7460	C10H12	(1-methylenepropyl)benzene	2039-93-2	7.12067	1643.0229	205.468	62.97	211.67	1,2
7461	C10H12	2,3-dihydro-1-methyl-1H-indene	767-58-8	5.85939	1213.1681	203.150	46.50	249.94	3
7462	C10H12	2,3-dihydro-2-methyl-1H-indene	824-63-5	6.14804	1330.7351	203.150	55.34	245.48	3
7463	C10H12	2,3-dihydro-4-methyl-1H-indene	824-22-6	7.01940	1685.6394	203.150	76.88	236.10	3
7464	C10H12	2,3-dihydro-5-methyl-1H-indene	874-35-1	6.68813	1550.7126	203.150	69.47	239.12	3
7465	C10H12	trans-1-butenylbenzene	824-90-8	7.13296	1671.6118	203.272	69.29	219.80	1,2
7466	C10H12	a,2-dimethylstyrene	26444-18-8	6.69143	1508.7116	206.775	58.31	223.11	2
7467	C10H12O	anethole	104-46-1	7.30645	1923.3027	199.732	105.24	266.57	1,2
7468	C10H12O	1-methoxy-4-(2-propenyl)benzene	140-67-0	7.84347	2195.9232	226.939	93.94	244.12	1,2
7469	C10H12O	4-isopropylbenzaldehyde	122-03-2	7.70196	2261.6095	233.552	103.90	266.79	1,2
7470	C10H12O2	4-allyl-2-methoxyphenol	97-53-0	8.31362	2767.3882	256.135	122.25	283.13	1,2
7471	C10H12O2	3,4-dimethylphenyl acetate	22618-23-1	7.82018	2394.4288	249.764	101.32	266.46	1,2
7472	C10H12O2	propyl benzoate	2315-68-6	7.59774	2189.6424	233.210	98.67	262.65	1,2
7473	C10H12O2	isoeugenol	97-54-1	8.70109	3335.5880	301.427	125.00	302.93	1,2
7474	C10H12O2	2-isopropylbenzoic acid	2438-04-2	6.90430	1904.1958	184.660	137.85	326.88	2
7475	C10H12O2	4-isopropylbenzoic acid	536-66-3	7.40923	2067.0403	184.660	137.85	304.30	1,2
7476	C10H12O2	2-phenylethyl acetate	103-45-7	7.67962	2223.8586	230.819	102.11	263.62	1,2
7477	C10H12O2	2-propylbenzoic acid	2438-03-1	7.39646	2116.8461	180.170	150.77	322.09	2
7478	C10H12O2	4-propylbenzoic acid	2438-05-3	6.86632	1886.2210	184.660	136.87	327.28	2
7479	C10H12O2	2,4,6-trimethylbenzoic acid	480-63-7	6.77547	1843.2222	184.660	134.49	328.25	2
7480	C10H12O2	3-(1-methylethyl)benzoic acid	5651-47-8	6.90430	1904.1958	184.660	137.85	326.88	2
7481	C10H12O2	2,3,4-trimethylbenzoic acid	1076-47-7	6.90430	1904.1958	184.660	137.85	326.88	2
7482	C10H12O2	3,4,5-trimethylbenzoic acid	1076-88-6	6.90430	1904.1958	184.660	137.85	326.88	2
7483	C10H12O2	2,3,5-trimethylbenzoic acid	2437-66-3	6.90430	1904.1958	184.660	137.85	326.88	2
7484	C10H12O2	2,3,6-trimethylbenzoic acid	2529-36-4	6.90430	1904.1958	184.660	137.85	326.88	2
7485	C10H12O2	2,4,5-trimethylbenzoic acid	528-90-5	6.79739	1853.6005	184.660	135.07	328.01	2
7486	C10H12O4	diallyl maleate	999-21-3	7.74750	2167.2585	198.476	122.72	276.21	1,2
7487	C10H13Br	1-bromo-4-tert-butylbenzene	3972-65-4	7.05387	1763.3537	191.707	99.57	263.70	1,2
7488	C10H13Br	2-bromo-1-methyl-4-isopropylbenzene	2437-76-5	7.03494	1766.6603	190.929	101.81	267.58	1,2
7489	C10H13Br	1-bromo-4-butylbenzene	41492-05-1	6.99360	1784.2811	188.288	109.41	279.81	1,2
7490	C10H13Br	1-bromo-2,3,5,6-tetramethylbenzene	1646-53-3	6.76355	1693.9355	190.308	103.60	282.63	2
7491	C10H13Br	3-bromo-4-isopropyltoluene	4478-10-8	7.84594	2515.4010	272.541	94.89	266.77	3
7492	C10H13Cl	1-chloro-4-tert-butylbenzene	3972-56-3	7.12376	1730.6984	196.850	85.77	242.20	1,2
7493	C10H13Cl	(2-chloro-1,1-dimethylethyl)benzene	515-40-2	7.07491	1748.6039	194.070	93.77	255.09	1,2
7494	C10H13Cl	2-chloro-1-methyl-4-isopropylbenzene	4395-79-3	7.02708	1714.3857	195.877	88.57	249.97	1,2
7495	C10H13Cl	2-chloro-4-methyl-1-isopropylbenzene	4395-80-6	6.44217	1546.5888	196.016	88.17	278.35	2
7496	C10H13Cl	a-2-chloroisodurene	1585-16-6	6.47105	1558.0114	195.704	89.07	277.97	2
7497	C10H13Cl	1-chloro-4-phenylbutane	4830-93-7	6.47105	1558.0114	195.704	89.07	277.97	2
7498	C10H13ClO	2-chloroethyl a-methylbenzyl ether	4446-91-7	7.19384	2243.2650	256.190	61.85	302.95	3
7499	C10H13ClO3	diethyleneglycol p-chlorophenyl ether	58498-77-4	6.51494	1342.1362	58.390	176.85	344.28	3
7500	C10H13Cl3NOPS	p-chloromethyl-N-(1-methylethyl)amido-thiophosphoric acid	18361-88-1	11.53990	4864.0000	273.150	188.33	308.80	3
7501	C10H13I	2-iodo-1-methyl-4-isopropylbenzene	56739-95-8	6.96620	1835.9773	181.880	125.85	303.27	2
7502	C10H13I	2-iodo-4-methyl-1-isopropylbenzene	4395-81-7	6.96620	1835.9773	181.880	125.85	303.27	2
7503	C10H13I	1-tert-butyl-4-iodobenzene	35779-04-5	7.82134	2099.1312	181.880	125.85	270.57	1,2
7504	C10H13I	1-(4'-iodophenyl)butane	20651-57-4	6.96620	1835.9773	181.880	125.85	303.27	2
7505	C10H13I	2,3,5,6-tetramethyliodobenzene	2100-25-6	6.96620	1835.9773	181.880	125.85	303.27	2
7506	C10H13NO2	1-tert-butyl-3-nitrobenzene	23132-52-7	7.38591	1979.7734	185.452	124.57	285.47	1,2
7507	C10H13NO2	1-methyl-4-isopropyl-2-nitrobenzene	943-15-7	6.07996	1514.7956	191.754	106.44	330.93	2
7508	C10H13NO2	1-butyl-4-nitrobenzene	20651-75-6	6.07996	1514.7956	191.754	106.44	330.93	2
7509	C10H13NO2	1-butyl-3-nitrobenzene	20651-76-7	6.07996	1514.7956	191.754	106.44	330.93	2
7510	C10H13NO2	1-tert-butyl-4-nitrobenzene	1886-57-3	6.07996	1514.7956	191.754	106.44	330.93	2
7511	C10H13NO2	1-tert-butyl-2-nitrobenzene	3282-56-2	6.07996	1514.7956	191.754	106.44	330.93	2
7512	C10H14	butylbenzene	104-51-8	7.18472	1720.3729	216.413	61.75	213.37	1,2
7513	C10H14	isobutylbenzene	538-93-2	7.22936	1726.1806	224.166	52.94	202.31	1,2
7514	C10H14	sec-butylbenzene	135-98-8	6.90771	1536.8039	208.305	51.83	204.16	1,2
7515	C10H14	tert-butylbenzene	98-06-6	6.88707	1509.5746	207.654	48.77	199.76	1,2
7516	C10H14	2-phenylbutane	68411-44-9	6.80988	1533.3001	207.879	56.03	214.75	2
7517	C10H14	cymene	25155-15-1	7.24855	1674.5440	207.039	60.95	204.73	1,2
7518	C10H14	m-cymene	535-77-3	7.11317	1675.8054	220.871	53.26	205.40	1,2
7519	C10H14	o-cymene	527-84-4	7.11311	1690.9979	221.366	55.25	208.77	1,2
7520	C10H14	p-cymene	99-87-6	7.13238	1671.4744	216.013	56.55	207.09	1,2

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mmHg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
7521	C10H14	1-methyl-2-propylbenzene	1074-17-5	7.15906	1680.5748	208.018	64.84	214.53	1,2
7522	C10H14	1-methyl-3-propylbenzene	1074-43-7	7.15745	1671.7199	209.096	62.40	211.40	1,2
7523	C10H14	1-methyl-4-propylbenzene	1074-55-1	7.17622	1694.4236	211.173	63.17	213.03	1,2
7524	C10H14	(S)-(1-methylpropyl)benzene	5787-28-0	7.18160	1665.6675	204.927	64.53	211.52	2
7525	C10H14	diethylbenzene	25340-17-4	7.25371	1694.0433	205.496	65.39	210.54	1,2
7526	C10H14	o-diethylbenzene	135-01-3	7.04299	1639.3294	210.404	60.87	214.17	1,2
7527	C10H14	m-diethylbenzene	141-93-5	7.11264	1687.9517	217.731	58.41	211.69	1,2
7528	C10H14	p-diethylbenzene	105-05-5	7.21059	1743.1904	218.815	61.87	213.87	1,2
7529	C10H14	3-ethyl-o-xylene	933-98-2	7.10646	1715.4186	211.994	68.92	225.10	1,2
7530	C10H14	4-ethyl-o-xylene	934-80-5	7.22714	1764.9406	216.296	67.13	220.00	1,2
7531	C10H14	2-ethyl-m-xylene	2870-04-4	7.20901	1741.1228	212.235	68.18	220.11	1,2
7532	C10H14	4-ethyl-m-xylene	874-41-9	7.30983	1843.9455	227.893	64.34	218.80	1,2
7533	C10H14	5-ethyl-m-xylene	934-74-7	7.22685	1748.7722	218.603	62.24	213.73	1,2
7534	C10H14	2-ethyl-p-xylene	1758-88-9	7.29636	1826.5083	226.824	63.27	217.09	1,2
7535	C10H14	1,2,3,4-tetramethylbenzene	488-23-3	7.25134	1809.8968	209.074	80.45	235.67	1,2
7536	C10H14	1,2,3,5-tetramethylbenzene	527-53-7	7.27117	1818.3770	216.175	73.78	228.49	1,2
7537	C10H14	1,2,4,5-tetramethylbenzene	95-93-2	7.27724	1809.7533	214.802	73.50	227.10	1,2
7538	C10H14	3,6-dimethyl-2,6-octadien-4-yne	3725-07-3	6.50763	1454.9741	208.804	55.37	228.68	2
7539	C10H14	2,7-dimethyl-3,5-octadiyne	14813-68-4	7.36699	1804.7580	204.927	78.53	226.30	2
7540	C10H14	1,9-decadiyne	1720-38-3	7.36699	1804.7580	204.927	78.53	226.30	2
7541	C10H14	4,6-decadiyne	16387-71-6	7.36699	1804.7580	204.927	78.53	226.30	2
7542	C10H14NO5PS	O,O-diethyl-S-(4-nitrophenyl)thiophosphate	3270-86-8	8.99977	3966.0000	273.150	222.61	408.54	3
7543	C10H14N2O2	N,N-diethyl-4-nitroaniline	2216-15-1	6.02384	1654.4443	175.708	153.61	406.43	3
7544	C10H14N2O2	N,N-diethyl-3-nitroaniline	2216-16-2	7.45396	2125.4067	175.708	153.61	321.80	1,2
7545	C10H14O	3-butylphenol	4074-43-5	7.58730	2044.4876	187.398	122.97	276.68	1,2
7546	C10H14O	4-butylphenol	1638-22-8	7.58762	2048.0275	187.120	123.77	277.73	1,2
7547	C10H14O	2-isobutylphenol	4167-75-3	7.59167	2010.9223	190.220	114.85	265.79	2
7548	C10H14O	3-isobutylphenol	30749-25-8	7.59167	2010.9223	190.220	114.85	265.79	2
7549	C10H14O	4-isobutylphenol	4167-74-2	7.58398	2009.0895	190.178	114.97	266.21	1,2
7550	C10H14O	2-sec-butylphenol	89-72-5	7.58090	1977.2324	192.680	107.77	256.79	1,2
7551	C10H14O	3-sec-butylphenol	3522-86-9	7.59167	2010.9223	190.220	114.85	265.79	2
7552	C10H14O	4-sec-butylphenol	99-71-8	7.58568	2027.1424	188.761	119.05	271.55	1,2
7553	C10H14O	2-tert-butylphenol	88-18-6	7.57953	1963.3573	193.770	104.63	252.68	1,2
7554	C10H14O	3-tert-butylphenol	585-34-2	7.58498	2019.7088	189.344	117.37	269.35	1,2
7555	C10H14O	4-tert-butylphenol	98-54-4	7.58489	2018.7530	189.419	98.80	269.07	1,2
7556	C10H14O	2-methyl-3-propylphenol	66142-78-7	7.79331	2090.1653	188.830	118.85	264.42	2
7557	C10H14O	2-methyl-4-propylphenol	18441-56-0	7.66340	2050.7155	188.788	118.97	268.80	1,2
7558	C10H14O	2-methyl-5-propylphenol	499-75-2	7.79331	2090.1653	188.830	118.85	264.42	2
7559	C10H14O	2-methyl-6-propylphenol	---	7.79331	2090.1653	188.830	118.85	264.42	2
7560	C10H14O	3-methyl-2-propylphenol	3228-01-1	8.75830	2468.0710	183.270	134.85	259.32	2
7561	C10H14O	3-methyl-4-propylphenol	30388-40-0	8.75830	2468.0710	183.270	134.85	259.32	2
7562	C10H14O	3-methyl-5-propylphenol	36186-96-6	7.59082	2083.4272	184.340	131.77	288.20	1,2
7563	C10H14O	4-methyl-2-propylphenol	4074-46-8	9.55773	2779.8765	179.692	145.15	256.31	2
7564	C10H14O	4-methyl-3-propylphenol	---	9.55773	2779.8765	179.692	145.15	256.31	2
7565	C10H14O	5-methyl-2-propylphenol	89-83-8	9.55773	2779.8765	179.692	145.15	256.31	2
7566	C10H14O	2-methyl-3-isopropylphenol	4371-48-6	9.52744	2768.0787	179.814	144.79	256.41	2
7567	C10H14O	2-methyl-4-isopropylphenol	1740-97-2	9.49806	2756.6350	179.934	144.45	256.50	2
7568	C10H14O	2-methyl-5-isopropylphenol	499-75-2	7.58398	2009.0895	190.178	114.97	266.21	1,2
7569	C10H14O	2-methyl-6-isopropylphenol	3228-04-4	7.58002	1968.3835	193.375	105.77	254.17	1,2
7570	C10H14O	3-methyl-2-isopropylphenol	3228-01-1	7.58090	1977.2324	192.680	69.00	256.79	1,2
7571	C10H14O	3-methyl-4-isopropylphenol	3228-02-2	7.59167	2010.9223	190.220	114.85	265.79	2
7572	C10H14O	3-methyl-5-isopropylphenol	3228-03-3	7.58532	2023.2486	189.066	118.17	270.40	1,2
7573	C10H14O	4-methyl-2-isopropylphenol	4427-56-9	7.58090	1977.2324	192.680	107.77	256.79	1,2
7574	C10H14O	5-methyl-2-isopropylphenol	89-83-8	7.58245	1993.1608	191.429	111.37	261.50	1,2
7575	C10H14O	2,3-diethylphenol	---	7.40286	1936.6101	191.610	110.85	267.19	2
7576	C10H14O	2,4-diethylphenol	936-89-0	7.58090	1977.2324	192.680	107.77	256.79	1,2
7577	C10H14O	2,5-diethylphenol	876-20-0	7.22569	1866.7728	193.000	106.85	268.63	2
7578	C10H14O	2,6-diethylphenol	1006-59-3	7.57736	1941.8372	195.460	99.77	246.32	1,2
7579	C10H14O	3,4-diethylphenol	875-85-4	7.59167	2010.9223	190.220	114.85	265.79	2
7580	C10H14O	3,5-diethylphenol	1197-34-8	7.58762	2048.0275	187.120	123.77	277.73	1,2
7581	C10H14O	2,3-dimethyl-4-ethylphenol	---	7.22569	1866.7728	193.000	106.85	268.63	2
7582	C10H14O	2,3-dimethyl-5-ethylphenol	---	7.59167	2010.9223	190.220	114.85	265.79	2
7583	C10H14O	2,3-dimethyl-6-ethylphenol	---	7.59167	2010.9223	190.220	114.85	265.79	2
7584	C10H14O	2,4-dimethyl-3-ethylphenol	62126-74-3	7.79331	2090.1653	188.830	118.85	264.42	2
7585	C10H14O	2,4-dimethyl-5-ethylphenol	18441-55-9	7.66340	2050.7155	188.788	118.97	268.80	1,2
7586	C10H14O	2,4-dimethyl-6-ethylphenol	2219-79-6	7.58055	1973.6928	192.958	106.97	255.74	1,2
7587	C10H14O	2,5-dimethyl-3-ethylphenol	---	7.22569	1866.7728	193.000	106.85	268.63	2
7588	C10H14O	2,5-dimethyl-4-ethylphenol	32018-76-1	7.22569	1866.7728	193.000	106.85	268.63	2
7589	C10H14O	2,5-dimethyl-6-ethylphenol	---	7.22569	1866.7728	193.000	106.85	268.63	2
7590	C10H14O	2,6-dimethyl-3-ethylphenol	---	7.22569	1866.7728	193.000	106.85	268.63	2
7591	C10H14O	2,6-dimethyl-4-ethylphenol	10570-69-1	7.54213	1965.5840	192.680	107.77	258.11	1,2
7592	C10H14O	3,4-dimethyl-2-ethylphenol	---	7.79331	2090.1653	188.830	118.85	264.42	2
7593	C10H14O	3,4-dimethyl-5-ethylphenol	62126-75-4	7.56661	2020.9276	188.788	118.97	272.11	1,2
7594	C10H14O	3,4-dimethyl-6-ethylphenol	2219-78-5	7.79331	2090.1653	188.830	118.85	264.42	2
7595	C10H14O	3,5-dimethyl-2-ethylphenol	62126-76-5	8.75830	2468.0710	183.270	134.85	259.32	2
7596	C10H14O	3,5-dimethyl-4-ethylphenol	62126-77-6	7.56889	2079.9227	184.062	132.57	290.04	1,2
7597	C10H14O	2,3,4,5-tetramethylphenol	488-70-0	7.59145	2090.5073	183.784	133.37	290.30	1,2
7598	C10H14O	2,3,4,6-tetramethylphenol	3238-38-8	7.58827	2055.1073	186.564	125.37	279.82	1,2
7599	C10H14O	2,3,5,6-tetramethylphenol	527-35-5	7.60473	2053.3473	187.120	117.00	277.13	1,2
7600	C10H14O	2-butylphenol	3180-09-4	7.70832	2040.0303	190.734	113.37	259.95	1,2

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mmHg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
7601	C10H14O	butyl phenyl ether	1126-79-0	7.27564	1865.2456	214.418	82.80	241.21	1,2
7602	C10H14O2	p-tert-butylcatechol	98-29-3	7.77439	2263.1783	177.430	156.65	315.36	1,2
7603	C10H14S	4-tert-butylthiophenol	2396-68-1	6.75445	1721.5599	189.900	109.27	291.98	2
7604	C10H14S	2,4,6-trimethylbenzyl mercaptan	21411-42-7	6.73471	1712.7870	189.900	108.77	292.19	2
7605	C10H15N	N,N-diethylaniline	91-66-7	7.28834	1819.3875	195.941	93.39	247.11	1,2
7606	C10H15N	2,6-diethylaniline	579-66-8	7.14657	1840.0707	190.595	108.77	273.51	2
7607	C10H15N	2-sec-butylaniline	55751-54-7	7.36644	1926.9951	188.830	113.85	271.67	2
7608	C10H15N	2-tert-butylaniline	6310-21-0	7.32086	1887.2983	191.012	107.57	264.96	1,2
7609	C10H15N	4-butylaniline	104-13-2	7.55236	2000.3697	187.440	117.85	270.26	2
7610	C10H15N	4-sec-butylaniline	30273-11-1	7.06726	1824.2440	189.900	110.77	279.61	1,2
7611	C10H15N	4-tert-butylaniline	769-92-6	7.71129	2028.3946	189.066	113.17	258.76	1,2
7612	C10H15N	N-sec-butylaniline	6068-69-5	6.81792	1709.7942	193.514	100.37	276.72	2
7613	C10H15N	N-tert-butylaniline	937-33-7	6.53950	1599.0566	196.294	92.37	279.95	2
7614	C10H15N	N-butylaniline	1126-78-9	7.49680	1972.0457	188.371	115.17	268.65	1,2
7615	C10H15N	4-isobutylaniline	30090-17-6	7.19697	1860.0101	190.178	109.97	273.07	2
7616	C10H15N	N-isobutylaniline	588-47-6	7.03247	1794.8907	191.568	105.97	274.56	2
7617	C10H15N	4-methyl-N-isopropylaniline	10436-75-6	6.67485	1652.9388	194.904	96.37	278.31	2
7618	C10H15N	2-methyl-5-isopropylaniline	2051-53-8	7.36644	1926.9951	188.830	113.85	271.67	2
7619	C10H15N	4-methyl-N-propylaniline	54837-90-0	7.20387	1855.6044	190.734	108.37	270.63	1,2
7620	C10H15N	2,3,4,5-tetramethylaniline	2217-45-0	7.36644	1926.9951	188.830	113.85	271.67	2
7621	C10H15N	2,3,4,6-tetramethylaniline	488-71-1	7.36644	1926.9951	188.830	113.85	271.67	2
7622	C10H15N	N,N,2,6-tetramethylaniline	769-06-2	6.53190	1541.9956	201.576	77.17	258.71	2
7623	C10H15N	benzylisopropylamine	102-97-6	7.21430	1735.6236	200.464	78.83	229.95	1,2
7624	C10H15N	alpha,alpha-dimethylbenzeneethanamine	122-09-8	5.96328	1323.6337	199.074	67.61	276.81	2
7625	C10H15N	N,beta-dimethylbenzeneethanamine	93-88-9	7.22173	1762.1048	198.379	84.84	237.80	1,2
7626	C10H15N	(4-isopropylbenzyl)amine	4395-73-7	7.23990	1830.8539	192.958	100.45	258.21	1,2
7627	C10H15N	methamphetamine	537-46-2	6.31637	1468.5705	197.128	79.11	271.39	2
7628	C10H15N	alpha-methylbenzenepropanamine	22374-89-6	7.31947	1844.7943	194.070	97.85	251.79	1,2
7629	C10H15N	alpha-propylbenzenemethanamine	2941-19-7	6.77168	1653.4617	194.626	91.85	265.97	2
7630	C10H15N	2-(1-ethylpropyl)pyridine	7399-50-0	5.96955	1319.1259	201.743	63.70	271.45	2
7631	C10H15N	4-(1-ethylpropyl)pyridine	35182-51-5	6.94002	1709.2158	195.738	92.01	259.06	2
7632	C10H15N	N,N-dimethylphenethylamine	1126-71-2	7.57166	1880.7884	198.449	87.75	229.99	1,2
7633	C10H15N	(S)-(-)-N,N-dimethyl-1-phenylethylamine	17279-31-1	7.17154	1813.9850	192.435	101.49	262.23	2
7634	C10H15N	(R)-(+)-N,N-dimethyl-1-phenylethylamine	19342-01-9	7.17154	1813.9850	192.435	101.49	262.23	2
7635	C10H15N	2-isopropyl-6-methylaniline	5266-85-3	7.23109	1873.5022	189.900	110.77	272.78	2
7636	C10H15N	(S)-(+)-1-methyl-3-phenylpropylamine	4187-57-9	7.17154	1813.9850	192.435	101.49	262.23	2
7637	C10H15N	(R)-(-)-1-methyl-3-phenylpropylamine	937-52-0	7.17154	1813.9850	192.435	101.49	262.23	2
7638	C10H15N	4-phenylbutylamine	13214-66-9	7.17154	1813.9850	192.435	101.49	262.23	2
7639	C10H15N	3,5,N,N-tetramethylaniline	4913-13-7	7.31562	1862.6541	192.958	101.97	257.64	1,2
7640	C10H15N	aniline, p-isopropyl-N-methyl-,	6950-79-4	6.93470	1756.1366	192.435	103.47	275.51	2
7641	C10H15N	N,N-dimethyl-a-methylbenzylamine	2449-49-2	7.17154	1813.9850	192.435	101.49	262.23	2
7642	C10H15N	N-ethyl(a-methylbenzyl)amine	10137-87-8	7.17154	1813.9850	192.435	101.49	262.23	2
7643	C10H15O3PS2	fenthion	55-38-9	8.92830	3947.6000	273.150	224.76	413.81	3
7644	C10H16	camphene	79-92-5	6.99522	1573.4887	221.884	40.57	190.74	1,2
7645	C10H16	D-limonene	5989-27-5	7.06744	1691.1486	227.441	51.28	207.79	1,2
7646	C10H16	limonene	138-86-3	6.76216	1492.6891	206.580	52.47	210.34	1,2
7647	C10H16	L-limonene	5989-54-8	6.76216	1492.6891	206.580	52.47	210.34	1,2
7648	C10H16	alpha-phellandrene	99-83-2	6.82396	1600.7300	220.401	54.45	219.10	3
7649	C10H16	beta-phellandrene	555-10-2	6.77448	1573.6700	218.609	53.91	219.42	3
7650	C10H16	alpha-pinene	80-56-8	7.03701	1614.6584	231.645	35.82	187.19	1,2
7651	C10H16	alpha-pinene, (-)	7785-26-4	6.73571	1418.6944	212.974	34.37	186.22	1,2
7652	C10H16	beta-pinene	127-91-3	6.76033	1457.9803	209.905	43.20	197.52	1,2
7653	C10H16	beta-pinene, (1R)	19902-08-0	7.06255	1529.9173	210.306	42.05	183.93	2
7654	C10H16	alpha-terpinene	99-86-5	6.80096	1495.3975	207.414	50.37	205.78	1,2
7655	C10H16	gamma-terpinene	99-85-4	6.78245	1514.7720	205.190	56.77	215.51	1,2
7656	C10H16	terpinolene	586-62-9	6.95314	1585.5842	203.804	62.54	216.63	3
7657	C10H16	4-carene, (1S,3R,6R)-(-)	5208-49-1	7.00110	1564.2005	209.082	51.57	200.47	2
7658	C10H16	3-carene, (+)	498-15-7	7.07399	1589.5409	208.526	53.17	199.87	2
7659	C10H16	1-decen-3-yne	33622-26-3	6.86536	1574.8751	209.694	58.81	217.85	2
7660	C10H16	1-decen-4-yne	24948-66-1	6.86536	1574.8751	209.694	58.81	217.85	2
7661	C10H16	2-decen-4-yne	116668-40-7	6.86536	1574.8751	209.694	58.81	217.85	2
7662	C10H16	3,7-dimethyl-1,3,6-octatriene	13877-91-3	7.80208	1890.5416	203.606	74.33	205.58	2
7663	C10H16	3,7-dimethyl-1,3,7-octatriene	502-99-8	7.80208	1890.5416	203.606	74.33	205.58	2
7664	C10H16	cis,trans-2,6-dimethyl-2,4,6-octatriene	7216-56-0	7.80208	1890.5416	203.606	74.33	205.58	2
7665	C10H16	trans,trans-2,6-dimethyl-2,4,6-octatriene	3016-19-1	7.80208	1890.5416	203.606	74.33	205.58	2
7666	C10H16	cis, cis-2,6-dimethyl-2,4,6-octatriene	17202-20-9	7.80208	1890.5416	203.606	74.33	205.58	2
7667	C10H16	dipentene	7705-14-8	7.04747	1757.7339	236.306	54.35	218.40	3
7668	C10H16	2-methyl-5-isopropyl-1,3-cyclohexadiene, (±)	13811-01-3	7.00445	1599.2565	207.275	59.07	211.09	2
7669	C10H16	beta-myrcene	123-35-3	6.99249	1769.7543	244.870	9.40	219.55	3
7670	C10H16	tricyclo[3.3.1.1.3,7]decane	281-23-2	8.57985	2380.9007	232.221	81.89	208.85	3
7671	C10H16	(+)-camphene	5794-03-6	6.82973	1466.1271	211.723	39.77	190.19	1,2
7672	C10H16	(-)-camphene	5794-04-7	6.99181	1527.5371	211.723	43.21	189.21	2
7673	C10H16	3-carene	13466-78-9	6.67715	1385.1813	191.523	52.47	204.77	1,2
7674	C10H16	(+)-2-carene	4497-92-1	6.63069	1396.5052	201.862	25.00	203.06	2
7675	C10H16	2-carene	554-61-0	7.05188	1572.6982	209.499	50.37	196.88	1,2
7676	C10H16	1,5,9-decatriene	13393-64-1	7.80208	1890.5416	203.606	74.33	205.58	2
7677	C10H16	2,6-dimethyl-2,4,6-octatriene, isomers	673-84-7	7.80208	1890.5416	203.606	74.33	205.58	2
7678	C10H16	1,2,3,4,5-pentamethylcyclopentadiene	4045-44-7	6.48422	743.1799	239.940	-36.23	266.87	3
7679	C10H16	(-)-a-pinene	1330-16-1	6.73780	1422.8060	212.641	35.33	187.48	1,2
7680	C10H16	(1S)-(-)-b-pinene	18172-67-3	6.75458	1456.4048	209.916	43.17	197.73	1,2

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mmHg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
7681	C10H16	(±)-a-pinene	2437-95-8	6.73990	1421.5284	212.808	34.85	186.72	2
7682	C10H16	(+)-a-pinene	7785-70-8	6.75261	1424.3762	212.835	34.77	186.06	1,2
7683	C10H16	1,5-dimethyl-1,5-cyclooctadiene	3760-14-3	6.26589	1371.7869	209.694	50.81	235.11	3
7684	C10H16	tetrahydrocyclopentadiene	54175-17-6	8.02774	2360.9023	273.150	62.79	214.05	3
7685	C10H16O	2-decynal	94497-70-8	6.52670	1668.6674	192.958	108.97	305.92	2
7686	C10H16O	3-decynal	97672-10-1	6.52670	1668.6674	192.958	108.97	305.92	2
7687	C10H16O	4-decynal	17522-26-8	6.52670	1668.6674	192.958	108.97	305.92	2
7688	C10H16O	5-decynal	---	6.52670	1668.6674	192.958	108.97	305.92	2
7689	C10H16O	6-decynal	---	6.52670	1668.6674	192.958	108.97	305.92	2
7690	C10H16O	7-decynal	---	6.52670	1668.6674	192.958	108.97	305.92	2
7691	C10H16O	8-decynal	---	6.52670	1668.6674	192.958	108.97	305.92	2
7692	C10H16O	9-decynal	---	6.52670	1668.6674	192.958	108.97	305.92	2
7693	C10H16O	2-methyl-8-nonynal	---	6.28863	1569.1817	195.738	100.97	309.34	2
7694	C10H16O	3-methyl-8-nonynal	---	6.28863	1569.1817	195.738	100.97	309.34	2
7695	C10H16O	4-methyl-8-nonynal	---	6.28863	1569.1817	195.738	100.97	309.34	2
7696	C10H16O	5-methyl-8-nonynal	---	6.28863	1569.1817	195.738	100.97	309.34	2
7697	C10H16O	6-methyl-8-nonynal	---	6.28863	1569.1817	195.738	100.97	309.34	2
7698	C10H16O	7-methyl-8-nonynal	---	6.28863	1569.1817	195.738	100.97	309.34	2
7699	C10H16O	4-methyl-2-nonynal	---	6.28863	1569.1817	195.738	100.97	309.34	2
7700	C10H16O	5-methyl-2-nonynal	---	6.28863	1569.1817	195.738	100.97	309.34	2
7701	C10H16O	6-methyl-2-nonynal	---	6.28863	1569.1817	195.738	100.97	309.34	2
7702	C10H16O	7-methyl-2-nonynal	---	6.28863	1569.1817	195.738	100.97	309.34	2
7703	C10H16O	8-methyl-2-nonynal	---	6.28863	1569.1817	195.738	100.97	309.34	2
7704	C10H16O	camphor	76-22-2	6.90229	1635.5504	197.554	79.55	242.06	1,2
7705	C10H16O	pulegone	89-82-7	4.82687	505.5406	35.727	96.38	271.59	1,2
7706	C10H16O2	2-decynoic acid	---	7.70601	2368.9540	165.622	188	358	3
7707	C10H16O2	3-decynoic acid	---	7.70601	2368.9540	165.622	188	358	3
7708	C10H16O2	4-decynoic acid	---	7.70601	2368.9540	165.622	188	358	3
7709	C10H16O2	5-decynoic acid	---	7.70601	2368.9540	165.622	188	358	3
7710	C10H16O2	6-decynoic acid	---	7.70601	2368.9540	165.622	188	358	3
7711	C10H16O2	7-decynoic acid	---	7.70601	2368.9540	165.622	188	358	3
7712	C10H16O2	8-decynoic acid	---	7.70601	2368.9540	165.622	188	358	3
7713	C10H16O2	9-decynoic acid	1642-49-5	7.70601	2368.9540	165.622	188	358	3
7714	C10H16O2	4-methyl-2-nonynoic acid	---	7.70601	2368.9540	165.622	188	358	3
7715	C10H16O2	5-methyl-2-nonynoic acid	---	7.70601	2368.9540	165.622	188	358	3
7716	C10H16O2	6-methyl-2-nonynoic acid	---	7.70601	2368.9540	165.622	188	358	3
7717	C10H16O2	7-methyl-2-nonynoic acid	---	7.70601	2368.9540	165.622	188	358	3
7718	C10H16O2	8-methyl-2-nonynoic acid	---	7.70601	2368.9540	165.622	188	358	3
7719	C10H16O2	2-methyl-3-nonynoic acid	---	7.70601	2368.9540	165.622	188	358	3
7720	C10H16O2	5-methyl-3-nonynoic acid	---	7.70601	2368.9540	165.622	188	358	3
7721	C10H16O2	6-methyl-3-nonynoic acid	---	7.70601	2368.9540	165.622	188	358	3
7722	C10H16O2	7-methyl-3-nonynoic acid	---	7.70601	2368.9540	165.622	188	358	3
7723	C10H16O2	8-methyl-3-nonynoic acid	---	7.70601	2368.9540	165.622	188	358	3
7724	C10H16O2	2-methyl-4-nonynoic acid	---	7.70601	2368.9540	165.622	188	358	3
7725	C10H16O2	3-methyl-4-nonynoic acid	---	7.70601	2368.9540	165.622	188	358	3
7726	C10H16O2	6-methyl-4-nonynoic acid	---	7.70601	2368.9540	165.622	188	358	3
7727	C10H16O2	7-methyl-4-nonynoic acid	---	7.70601	2368.9540	165.622	188	358	3
7728	C10H16O2	8-methyl-4-nonynoic acid	---	7.70601	2368.9540	165.622	188	358	3
7729	C10H16O2	4-ethyl-2-octynoic acid	---	7.70601	2368.9540	165.622	188	358	3
7730	C10H16O2	5-ethyl-2-octynoic acid	---	7.70601	2368.9540	165.622	188	358	3
7731	C10H16O2	6-ethyl-2-octynoic acid	---	7.70601	2368.9540	165.622	188	358	3
7732	C10H16O2	7-ethyl-2-octynoic acid	---	7.70601	2368.9540	165.622	188	358	3
7733	C10H16S	2-hexylthiophene	18794-77-9	7.57037	1944.6485	192.402	103.57	250.72	2
7734	C10H16S	3-hexylthiophene	1693-86-3	7.65122	1975.5193	191.846	105.17	250.17	2
7735	C10H16S	2-isohexylthiophene	---	7.37749	1870.9160	193.792	99.57	252.13	2
7736	C10H16S	3-isohexylthiophene	---	7.45312	1899.8381	193.236	101.17	251.56	2
7737	C10H16S	2-sec-hexylthiophene	---	7.19679	1801.7312	195.182	95.57	253.57	2
7738	C10H16S	3-sec-hexylthiophene	---	7.26769	1828.8874	194.626	97.17	252.99	2
7739	C10H16S	2-tert-hexylthiophene	---	7.02715	1736.6766	196.572	91.57	255.06	2
7740	C10H16S	3-tert-hexylthiophene	---	7.09374	1762.2274	196.016	93.17	254.46	2
7741	C10H16S	2-methyl-3-pentylthiophene	---	7.61052	1959.9815	192.124	104.37	250.44	2
7742	C10H16S	2-methyl-4-pentylthiophene	---	7.65122	1975.5193	191.846	105.17	250.17	2
7743	C10H16S	2-methyl-5-pentylthiophene	---	7.69247	1991.2662	191.568	105.97	249.89	2
7744	C10H16S	3-methyl-2-pentylthiophene	---	7.69247	1991.2662	191.568	105.97	249.89	2
7745	C10H16S	3-methyl-4-pentylthiophene	---	7.73430	2007.2264	191.290	106.77	249.62	2
7746	C10H16S	3-methyl-5-pentylthiophene	---	7.77671	2023.4045	191.012	107.57	249.35	2
7747	C10H17Cl	2-chlorodecahydronaphthalene	5597-81-9	6.72080	1569.2788	193.790	80.52	249.64	3
7748	C10H17N	3-methyl-2(3)-nonenenitrile	53153-66-5	6.12982	1502.2189	194.070	98.77	315.51	2
7749	C10H17NOS	N-isopropyl-N-(2-propynyl) carbamothioic acid, S-ethyl ester	59300-34-4	11.00540	3865.6800	273.150	113.21	220.96	3
7750	C10H17NOS	N-butyl-N-(2-propynyl) carbamothioic acid, S-ethyl ester	59300-35-5	12.08940	4290.5200	273.150	113.75	208.52	3
7751	C10H17NOS	N,N-dipropyl carbamothioic acid, S-(2-propynyl)ester	59300-36-6	13.66370	4828.1900	273.150	108.11	187.47	3
7752	C10H18	1-decyne	764-93-2	7.36444	1773.1267	221.017	57.58	202.91	1,2
7753	C10H18	2-decyne	2384-70-5	7.56465	1823.6292	204.746	73.05	211.34	1,2
7754	C10H18	3-decyne	2384-85-2	7.56249	1804.8736	206.219	68.81	205.79	1,2
7755	C10H18	4-decyne	2384-86-3	7.75181	1852.3610	206.580	67.77	198.75	2
7756	C10H18	5-decyne	1942-46-7	7.56154	1796.7345	206.858	66.97	203.38	1,2
7757	C10H18	3-methyl-1-nonyne	---	7.40437	1730.2973	208.804	61.37	200.97	2
7758	C10H18	4-methyl-1-nonyne	---	7.40437	1730.2973	208.804	61.37	200.97	2
7759	C10H18	5-methyl-1-nonyne	---	7.40437	1730.2973	208.804	61.37	200.97	2
7760	C10H18	6-methyl-1-nonyne	---	7.40437	1730.2973	208.804	61.37	200.97	2

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mmHg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
7761	C10H18	7-methyl-1-nonyne	---	7.40437	1730.2973	208.804	61.37	200.97	2
7762	C10H18	8-methyl-1-nonyne	---	7.40437	1730.2973	208.804	61.37	200.97	2
7763	C10H18	4-methyl-2-nonyne	---	7.40437	1730.2973	208.804	61.37	200.97	2
7764	C10H18	5-methyl-2-nonyne	---	7.40437	1730.2973	208.804	61.37	200.97	2
7765	C10H18	6-methyl-2-nonyne	---	7.40437	1730.2973	208.804	61.37	200.97	2
7766	C10H18	7-methyl-2-nonyne	---	7.40437	1730.2973	208.804	61.37	200.97	2
7767	C10H18	8-methyl-2-nonyne	---	7.40437	1730.2973	208.804	61.37	200.97	2
7768	C10H18	5-methyl-3-nonyne	---	7.40437	1730.2973	208.804	61.37	200.97	2
7769	C10H18	6-methyl-3-nonyne	---	7.40437	1730.2973	208.804	61.37	200.97	2
7770	C10H18	7-methyl-3-nonyne	---	7.40437	1730.2973	208.804	61.37	200.97	2
7771	C10H18	8-methyl-3-nonyne	---	7.40437	1730.2973	208.804	61.37	200.97	2
7772	C10H18	8-methyl-4-nonyne	70732-43-3	7.40437	1730.2973	208.804	61.37	200.97	2
7773	C10H18	3,3-dimethyl-1-octyne	---	7.13130	1634.1163	210.750	55.77	203.01	2
7774	C10H18	3,4-dimethyl-1-octyne	---	7.13130	1634.1163	210.750	55.77	203.01	2
7775	C10H18	3,5-dimethyl-1-octyne	---	7.13130	1634.1163	210.750	55.77	203.01	2
7776	C10H18	3,6-dimethyl-1-octyne	---	7.13130	1634.1163	210.750	55.77	203.01	2
7777	C10H18	3,7-dimethyl-1-octyne	---	7.13130	1634.1163	210.750	55.77	203.01	2
7778	C10H18	4,4-dimethyl-2-octyne	---	7.13130	1634.1163	210.750	55.77	203.01	2
7779	C10H18	4,5-dimethyl-2-octyne	---	7.13130	1634.1163	210.750	55.77	203.01	2
7780	C10H18	4,6-dimethyl-2-octyne	---	7.13130	1634.1163	210.750	55.77	203.01	2
7781	C10H18	4,7-dimethyl-2-octyne	---	7.13130	1634.1163	210.750	55.77	203.01	2
7782	C10H18	2,2-dimethyl-3-octyne	19482-57-6	7.13130	1634.1163	210.750	55.77	203.01	2
7783	C10H18	3-ethyl-1-octyne	---	7.40437	1730.2973	208.804	61.37	200.97	2
7784	C10H18	4-ethyl-1-octyne	---	7.40437	1730.2973	208.804	61.37	200.97	2
7785	C10H18	5-ethyl-1-octyne	---	7.40437	1730.2973	208.804	61.37	200.97	2
7786	C10H18	6-ethyl-1-octyne	---	7.40437	1730.2973	208.804	61.37	200.97	2
7787	C10H18	7-ethyl-1-octyne	---	7.40437	1730.2973	208.804	61.37	200.97	2
7788	C10H18	5-ethyl-5-methyl-3-heptyne	61228-10-2	7.42486	1737.5052	208.666	61.77	200.83	2
7789	C10H18	2,2,5,5-tetramethyl-3-hexyne	17530-24-4	7.56016	1785.0694	207.775	64	200	2
7790	C10H18	cis-decahydronaphthalene	493-01-6	6.95340	1606.5388	201.626	68.23	224.34	1,2
7791	C10H18	trans-decahydronaphthalene	493-02-7	6.86056	1555.4507	203.992	61.42	218.83	1,2
7792	C10H18	1-pentylcyclopentene	4291-98-9	7.25382	1656.0300	204.990	59.81	201.70	2
7793	C10H18	1,5-dimethyl-4-isopropylcyclopentene	6912-05-6	6.88193	1538.2432	210.750	50.77	204.98	2
7794	C10H18	1,1'-bicyclopentyl	1636-39-1	7.88347	2521.2450	315.278	51.00	220.97	3
7795	C10H18	1,3-decadiene	2051-25-4	7.44922	1748.7199	209.082	62.07	200.71	2
7796	C10H18	1,9-decadiene	1647-16-1	7.55961	1771.8042	209.638	60.47	195.09	1,2
7797	C10H18	2,6-dimethyl-2,5-octadiene	116668-48-5	7.42486	1737.5052	208.666	61.77	200.83	2
7798	C10H18	2,7-dimethyl-2,6-octadiene	16736-42-8	7.56783	1770.5973	209.916	59.67	193.78	1,2
7799	C10H18	3,6-dimethyl-2,6-octadiene	116668-49-6	6.88669	1550.0958	213.252	50.07	205.14	2
7800	C10H18	3,7-dimethyl-2,4-octadiene	56523-26-3	7.47413	1743.6464	210.055	59.27	196.17	1,2
7801	C10H18	4,5-dimethyl-2,6-octadiene	18476-57-8	7.65289	1750.1189	213.391	49.67	178.04	1,2
7802	C10H18	cis-2,6-dimethyl-2,6-octadiene	2492-22-0	7.40798	1734.1932	209.360	61.27	200.99	2
7803	C10H18	2,2,3-trimethylbicyclo[2.2.1]heptane	473-19-8	6.88570	1849.6722	273.150	41.12	226.24	3
7804	C10H18	1-methyl-4-isopropylcyclohexene	5502-88-5	7.35589	1688.9068	207.553	58.17	197.07	1,2
7805	C10H18	1-methyl-4-isopropylcyclohexene, (R)	1195-31-9	7.06542	1606.9751	207.970	56.97	205.82	1,2
7806	C10H18	4-methyl-1-isopropylcyclohexene, (R)	619-52-3	7.14912	1611.4944	209.499	52.57	196.70	1,2
7807	C10H18	trans-3-methyl-6-isopropylcyclohexene, (3R)	5113-93-9	6.93247	1553.1710	209.638	52.17	204.47	2
7808	C10H18	1-tert-butyl-1-cyclohexene	3419-66-7	7.16768	1616.3587	209.499	52.57	196.03	1,2
7809	C10H18	decahydronaphthalene; (cis+trans)	91-17-8	6.35081	1380.8878	207.901	50.17	227.85	1,2
7810	C10H18	3,7-dimethyl-1,6-octadiene	2436-90-0	7.53973	1730.4206	212.571	52.03	184.51	1,2
7811	C10H18	4-methyl-1-(1-methylethyl)cyclohexene	500-00-5	7.16884	1614.5703	209.680	52.05	195.28	1,2
7812	C10H18	spiro(4-5)decane	176-63-6	7.86365	2345.5084	282.014	59.72	218.97	3
7813	C10H18	cis-bicyclo[5.3.0]decane	16189-46-1	7.25038	1753.2647	212.541	67.96	218.39	3
7814	C10H18	trans-carane	18968-23-5	6.08277	1251.2144	202.062	44.11	229.25	3
7815	C10H18	cis-carane	18968-24-6	6.07382	1254.1261	204.069	43.11	229.59	3
7816	C10H18O	2-butylcyclohexanone	1126-18-7	6.86911	1658.6705	198.240	84.37	251.60	2
7817	C10H18O	4-isobutylcyclohexanone	42061-72-3	7.20217	1785.1728	195.460	92.37	248.58	2
7818	C10H18O	cis-5-methyl-2-isopropylcyclohexanone, (2R)	1196-31-2	6.74682	1612.1103	199.352	81.17	252.86	2
7819	C10H18O	trans-2-methyl-5-isopropylcyclohexanone, (2S)	13163-73-0	7.27395	1812.3842	194.904	93.97	247.99	2
7820	C10H18O	trans-5-methyl-2-isopropylcyclohexanone, (2S)	14073-97-3	6.83799	1646.8282	198.518	83.57	251.91	2
7821	C10H18O	2-decyn-1-ol	4117-14-0	7.98110	2217.9263	187.219	130	275	3
7822	C10H18O	3-decyn-1-ol	51721-39-2	7.98110	2217.9263	187.219	130	275	3
7823	C10H18O	4-decyn-1-ol	---	7.98110	2217.9263	187.219	130	275	3
7824	C10H18O	5-decyn-1-ol	---	7.98110	2217.9263	187.219	130	275	3
7825	C10H18O	6-decyn-1-ol	---	7.98110	2217.9263	187.219	130	275	3
7826	C10H18O	7-decyn-1-ol	---	7.98110	2217.9263	187.219	130	275	3
7827	C10H18O	8-decyn-1-ol	---	7.98110	2217.9263	187.219	130	275	3
7828	C10H18O	9-decyn-1-ol	---	7.98110	2217.9263	187.219	130	275	3
7829	C10H18O	3-decyn-2-ol	---	7.98110	2217.9263	187.219	130	275	3
7830	C10H18O	4-decyn-2-ol	---	7.98110	2217.9263	187.219	130	275	3
7831	C10H18O	5-decyn-2-ol	---	7.98110	2217.9263	187.219	130	275	3
7832	C10H18O	6-decyn-2-ol	---	7.98110	2217.9263	187.219	130	275	3
7833	C10H18O	7-decyn-2-ol	---	7.98110	2217.9263	187.219	130	275	3
7834	C10H18O	8-decyn-2-ol	---	7.98110	2217.9263	187.219	130	275	3
7835	C10H18O	9-decyn-2-ol	---	7.98110	2217.9263	187.219	130	275	3
7836	C10H18O	4-decyn-3-ol	---	7.98110	2217.9263	187.219	130	275	3
7837	C10H18O	5-decyn-3-ol	---	7.98110	2217.9263	187.219	130	275	3
7838	C10H18O	6-decyn-3-ol	---	7.98110	2217.9263	187.219	130	275	3
7839	C10H18O	7-decyn-3-ol	---	7.98110	2217.9263	187.219	130	275	3
7840	C10H18O	8-decyn-3-ol	---	7.98110	2217.9263	187.219	130	275	3

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mmHg}, T - C)$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
7841	C10H18O	9-decyn-3-ol	---	7.98110	2217.9263	187.219	130	275	3
7842	C10H18O	5-decyn-4-ol	---	7.98110	2217.9263	187.219	130	275	3
7843	C10H18O	6-decyn-4-ol	---	7.98110	2217.9263	187.219	130	275	3
7844	C10H18O	7-decyn-4-ol	---	7.98110	2217.9263	187.219	130	275	3
7845	C10H18O	8-decyn-4-ol	---	7.98110	2217.9263	187.219	130	275	3
7846	C10H18O	9-decyn-4-ol	---	7.98110	2217.9263	187.219	130	275	3
7847	C10H18O	6-decyn-5-ol	---	7.98110	2217.9263	187.219	130	275	3
7848	C10H18O	7-decyn-5-ol	---	7.98110	2217.9263	187.219	130	275	3
7849	C10H18O	8-decyn-5-ol	---	7.98110	2217.9263	187.219	130	275	3
7850	C10H18O	9-decyn-5-ol	---	7.98110	2217.9263	187.219	130	275	3
7851	C10H18O	1-methyl-2-nonyn-1-ol	---	7.98110	2217.9263	187.219	130	275	3
7852	C10H18O	4-methyl-2-nonyn-1-ol	---	7.98110	2217.9263	187.219	130	275	3
7853	C10H18O	5-methyl-2-nonyn-1-ol	---	7.98110	2217.9263	187.219	130	275	3
7854	C10H18O	6-methyl-2-nonyn-1-ol	---	7.98110	2217.9263	187.219	130	275	3
7855	C10H18O	7-methyl-2-nonyn-1-ol	---	7.98110	2217.9263	187.219	130	275	3
7856	C10H18O	8-methyl-2-nonyn-1-ol	---	7.98110	2217.9263	187.219	130	275	3
7857	C10H18O	1-methyl-3-nonyn-1-ol	---	7.98110	2217.9263	187.219	130	275	3
7858	C10H18O	2-methyl-3-nonyn-1-ol	---	7.98110	2217.9263	187.219	130	275	3
7859	C10H18O	5-methyl-3-nonyn-1-ol	---	7.98110	2217.9263	187.219	130	275	3
7860	C10H18O	6-methyl-3-nonyn-1-ol	---	7.98110	2217.9263	187.219	130	275	3
7861	C10H18O	7-methyl-3-nonyn-1-ol	---	7.98110	2217.9263	187.219	130	275	3
7862	C10H18O	8-methyl-3-nonyn-1-ol	---	7.98110	2217.9263	187.219	130	275	3
7863	C10H18O	1-methyl-4-nonyn-1-ol	---	7.98110	2217.9263	187.219	130	275	3
7864	C10H18O	2-methyl-4-nonyn-1-ol	---	7.98110	2217.9263	187.219	130	275	3
7865	C10H18O	3-methyl-4-nonyn-1-ol	---	7.98110	2217.9263	187.219	130	275	3
7866	C10H18O	6-methyl-4-nonyn-1-ol	---	7.98110	2217.9263	187.219	130	275	3
7867	C10H18O	7-methyl-4-nonyn-1-ol	---	7.98110	2217.9263	187.219	130	275	3
7868	C10H18O	8-methyl-4-nonyn-1-ol	---	7.98110	2217.9263	187.219	130	275	3
7869	C10H18O	1-methyl-5-nonyn-1-ol	---	7.98110	2217.9263	187.219	130	275	3
7870	C10H18O	2-methyl-5-nonyn-1-ol	---	7.98110	2217.9263	187.219	130	275	3
7871	C10H18O	3-methyl-5-nonyn-1-ol	---	7.98110	2217.9263	187.219	130	275	3
7872	C10H18O	4-methyl-5-nonyn-1-ol	---	7.98110	2217.9263	187.219	130	275	3
7873	C10H18O	7-methyl-5-nonyn-1-ol	---	7.98110	2217.9263	187.219	130	275	3
7874	C10H18O	8-methyl-5-nonyn-1-ol	---	7.98110	2217.9263	187.219	130	275	3
7875	C10H18O	1-methyl-6-nonyn-1-ol	---	7.98110	2217.9263	187.219	130	275	3
7876	C10H18O	2-methyl-6-nonyn-1-ol	---	7.98110	2217.9263	187.219	130	275	3
7877	C10H18O	3-methyl-6-nonyn-1-ol	---	7.98110	2217.9263	187.219	130	275	3
7878	C10H18O	4-methyl-6-nonyn-1-ol	---	7.98110	2217.9263	187.219	130	275	3
7879	C10H18O	5-methyl-6-nonyn-1-ol	---	7.98110	2217.9263	187.219	130	275	3
7880	C10H18O	8-methyl-6-nonyn-1-ol	---	7.98110	2217.9263	187.219	130	275	3
7881	C10H18O	1-methyl-7-nonyn-1-ol	---	7.98110	2217.9263	187.219	130	275	3
7882	C10H18O	2-methyl-7-nonyn-1-ol	---	7.98110	2217.9263	187.219	130	275	3
7883	C10H18O	3-methyl-7-nonyn-1-ol	---	7.98110	2217.9263	187.219	130	275	3
7884	C10H18O	4-methyl-7-nonyn-1-ol	---	7.98110	2217.9263	187.219	130	275	3
7885	C10H18O	5-methyl-7-nonyn-1-ol	---	7.98110	2217.9263	187.219	130	275	3
7886	C10H18O	6-methyl-7-nonyn-1-ol	---	7.98110	2217.9263	187.219	130	275	3
7887	C10H18O	1-methyl-8-nonyn-1-ol	---	7.98110	2217.9263	187.219	130	275	3
7888	C10H18O	2-methyl-8-nonyn-1-ol	---	7.98110	2217.9263	187.219	130	275	3
7889	C10H18O	3-methyl-8-nonyn-1-ol	---	7.98110	2217.9263	187.219	130	275	3
7890	C10H18O	4-methyl-8-nonyn-1-ol	---	7.98110	2217.9263	187.219	130	275	3
7891	C10H18O	5-methyl-8-nonyn-1-ol	---	7.98110	2217.9263	187.219	130	275	3
7892	C10H18O	6-methyl-8-nonyn-1-ol	---	7.98110	2217.9263	187.219	130	275	3
7893	C10H18O	7-methyl-8-nonyn-1-ol	---	7.98110	2217.9263	187.219	130	275	3
7894	C10H18O	4-ethyl-1-octyn-3-ol	5877-42-9	7.98110	2217.9263	187.219	130	275	3
7895	C10H18O	2-decenal	3913-71-1	7.47171	1928.3898	192.402	105.57	257.12	2
7896	C10H18O	cis-2-decenal	223-472-1	7.47171	1928.3898	192.402	105.57	257.12	2
7897	C10H18O	trans-2-decenal	2497-25-8	7.47171	1928.3898	192.402	105.57	257.12	2
7898	C10H18O	3-decenal	58474-80-9	7.47171	1928.3898	192.402	105.57	257.12	2
7899	C10H18O	4-decenal	30390-50-2	7.14698	1802.6885	194.910	98.35	259.72	2
7900	C10H18O	cis-4-decenal	21662-09-9	7.14698	1802.6885	194.910	98.35	259.72	2
7901	C10H18O	5-decenal	---	7.14698	1802.6885	194.910	98.35	259.72	2
7902	C10H18O	6-decenal	147159-48-6	7.14698	1802.6885	194.910	98.35	259.72	2
7903	C10H18O	7-decenal	---	7.14698	1802.6885	194.910	98.35	259.72	2
7904	C10H18O	8-decenal	---	7.14698	1802.6885	194.910	98.35	259.72	2
7905	C10H18O	9-decenal	39770-05-3	7.14698	1802.6885	194.910	98.35	259.72	2
7906	C10H18O	2-methyl-2-nonenal	---	6.82748	1678.6317	197.684	90.37	262.76	2
7907	C10H18O	3-methyl-2-nonenal	---	6.82748	1678.6317	197.684	90.37	262.76	2
7908	C10H18O	4-methyl-2-nonenal	---	6.82748	1678.6317	197.684	90.37	262.76	2
7909	C10H18O	5-methyl-2-nonenal	---	6.82748	1678.6317	197.684	90.37	262.76	2
7910	C10H18O	6-methyl-2-nonenal	---	6.82748	1678.6317	197.684	90.37	262.76	2
7911	C10H18O	7-methyl-2-nonenal	---	6.82748	1678.6317	197.684	90.37	262.76	2
7912	C10H18O	8-methyl-2-nonenal	---	6.82748	1678.6317	197.684	90.37	262.76	2
7913	C10H18O	2-methyl-3-nonenal	---	6.82748	1678.6317	197.684	90.37	262.76	2
7914	C10H18O	3-methyl-3-nonenal	---	6.82748	1678.6317	197.684	90.37	262.76	2
7915	C10H18O	4-methyl-3-nonenal	---	6.82748	1678.6317	197.684	90.37	262.76	2
7916	C10H18O	5-methyl-3-nonenal	---	6.82748	1678.6317	197.684	90.37	262.76	2
7917	C10H18O	6-methyl-3-nonenal	---	6.82748	1678.6317	197.684	90.37	262.76	2
7918	C10H18O	7-methyl-3-nonenal	---	6.82748	1678.6317	197.684	90.37	262.76	2
7919	C10H18O	8-methyl-3-nonenal	---	6.82748	1678.6317	197.684	90.37	262.76	2
7920	C10H18O	2-methyl-4-nonenal	---	6.82748	1678.6317	197.684	90.37	262.76	2

Table 1 Vapor Pressure – Organic Compounds

log ₁₀ P = A - B/(T + C) (P - mm Hg, T - C)									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
7921	C10H18O	3-methyl-4-nonenal	---	6.82748	1678.6317	197.684	90.37	262.76	2
7922	C10H18O	4-methyl-4-nonenal	---	6.82748	1678.6317	197.684	90.37	262.76	2
7923	C10H18O	5-methyl-4-nonenal	---	6.82748	1678.6317	197.684	90.37	262.76	2
7924	C10H18O	6-methyl-4-nonenal	---	6.82748	1678.6317	197.684	90.37	262.76	2
7925	C10H18O	7-methyl-4-nonenal	---	6.82748	1678.6317	197.684	90.37	262.76	2
7926	C10H18O	8-methyl-4-nonenal	---	6.82748	1678.6317	197.684	90.37	262.76	2
7927	C10H18O	2-methyl-5-nonenal	---	6.82748	1678.6317	197.684	90.37	262.76	2
7928	C10H18O	3-methyl-5-nonenal	---	6.82748	1678.6317	197.684	90.37	262.76	2
7929	C10H18O	4-methyl-5-nonenal	---	6.82748	1678.6317	197.684	90.37	262.76	2
7930	C10H18O	5-methyl-5-nonenal	---	6.82748	1678.6317	197.684	90.37	262.76	2
7931	C10H18O	6-methyl-5-nonenal	---	6.82748	1678.6317	197.684	90.37	262.76	2
7932	C10H18O	7-methyl-5-nonenal	---	6.82748	1678.6317	197.684	90.37	262.76	2
7933	C10H18O	8-methyl-5-nonenal	---	6.82748	1678.6317	197.684	90.37	262.76	2
7934	C10H18O	2-methyl-6-nonenal	---	6.82748	1678.6317	197.684	90.37	262.76	2
7935	C10H18O	3-methyl-6-nonenal	---	6.82748	1678.6317	197.684	90.37	262.76	2
7936	C10H18O	4-methyl-6-nonenal	---	6.82748	1678.6317	197.684	90.37	262.76	2
7937	C10H18O	5-methyl-6-nonenal	---	6.82748	1678.6317	197.684	90.37	262.76	2
7938	C10H18O	6-methyl-6-nonenal	---	6.82748	1678.6317	197.684	90.37	262.76	2
7939	C10H18O	7-methyl-6-nonenal	---	6.82748	1678.6317	197.684	90.37	262.76	2
7940	C10H18O	8-methyl-6-nonenal	---	6.82748	1678.6317	197.684	90.37	262.76	2
7941	C10H18O	2-methyl-7-nonenal	---	6.82748	1678.6317	197.684	90.37	262.76	2
7942	C10H18O	3-methyl-7-nonenal	---	6.82748	1678.6317	197.684	90.37	262.76	2
7943	C10H18O	4-methyl-7-nonenal	---	6.82748	1678.6317	197.684	90.37	262.76	2
7944	C10H18O	5-methyl-7-nonenal	---	6.82748	1678.6317	197.684	90.37	262.76	2
7945	C10H18O	6-methyl-7-nonenal	---	6.82748	1678.6317	197.684	90.37	262.76	2
7946	C10H18O	7-methyl-7-nonenal	---	6.82748	1678.6317	197.684	90.37	262.76	2
7947	C10H18O	8-methyl-7-nonenal	---	6.82748	1678.6317	197.684	90.37	262.76	2
7948	C10H18O	2-methyl-8-nonenal	---	6.82748	1678.6317	197.684	90.37	262.76	2
7949	C10H18O	3-methyl-8-nonenal	---	6.82748	1678.6317	197.684	90.37	262.76	2
7950	C10H18O	4-methyl-8-nonenal	---	6.82748	1678.6317	197.684	90.37	262.76	2
7951	C10H18O	5-methyl-8-nonenal	---	6.82748	1678.6317	197.684	90.37	262.76	2
7952	C10H18O	6-methyl-8-nonenal	---	6.82748	1678.6317	197.684	90.37	262.76	2
7953	C10H18O	7-methyl-8-nonenal	---	6.82748	1678.6317	197.684	90.37	262.76	2
7954	C10H18O	8-methyl-8-nonenal	---	6.82748	1678.6317	197.684	90.37	262.76	2
7955	C10H18O	2,2-dimethyl-2-octenal	---	6.54257	1567.6278	200.464	82.37	265.99	2
7956	C10H18O	2,3-dimethyl-2-octenal	---	6.54257	1567.6278	200.464	82.37	265.99	2
7957	C10H18O	2,4-dimethyl-2-octenal	---	6.54257	1567.6278	200.464	82.37	265.99	2
7958	C10H18O	2,5-dimethyl-2-octenal	---	6.54257	1567.6278	200.464	82.37	265.99	2
7959	C10H18O	2,6-dimethyl-2-octenal	---	6.54257	1567.6278	200.464	82.37	265.99	2
7960	C10H18O	2,7-dimethyl-2-octenal	---	6.54257	1567.6278	200.464	82.37	265.99	2
7961	C10H18O	2,2-dimethyl-3-octenal	---	6.54257	1567.6278	200.464	82.37	265.99	2
7962	C10H18O	2,3-dimethyl-3-octenal	---	6.54257	1567.6278	200.464	82.37	265.99	2
7963	C10H18O	2,4-dimethyl-3-octenal	---	6.54257	1567.6278	200.464	82.37	265.99	2
7964	C10H18O	2,5-dimethyl-3-octenal	---	6.54257	1567.6278	200.464	82.37	265.99	2
7965	C10H18O	2,6-dimethyl-3-octenal	---	6.54257	1567.6278	200.464	82.37	265.99	2
7966	C10H18O	2,7-dimethyl-3-octenal	---	6.54257	1567.6278	200.464	82.37	265.99	2
7967	C10H18O	2,2-dimethyl-4-octenal	---	6.54257	1567.6278	200.464	82.37	265.99	2
7968	C10H18O	2,3-dimethyl-4-octenal	---	6.54257	1567.6278	200.464	82.37	265.99	2
7969	C10H18O	2,4-dimethyl-4-octenal	---	6.54257	1567.6278	200.464	82.37	265.99	2
7970	C10H18O	2,5-dimethyl-4-octenal	---	6.54257	1567.6278	200.464	82.37	265.99	2
7971	C10H18O	2,6-dimethyl-4-octenal	---	6.54257	1567.6278	200.464	82.37	265.99	2
7972	C10H18O	2,7-dimethyl-4-octenal	---	6.54257	1567.6278	200.464	82.37	265.99	2
7973	C10H18O	2,2-dimethyl-5-octenal	---	6.54257	1567.6278	200.464	82.37	265.99	2
7974	C10H18O	2,3-dimethyl-5-octenal	---	6.54257	1567.6278	200.464	82.37	265.99	2
7975	C10H18O	2,4-dimethyl-5-octenal	---	6.54257	1567.6278	200.464	82.37	265.99	2
7976	C10H18O	2,5-dimethyl-5-octenal	---	6.54257	1567.6278	200.464	82.37	265.99	2
7977	C10H18O	2,6-dimethyl-5-octenal	---	6.54257	1567.6278	200.464	82.37	265.99	2
7978	C10H18O	2,7-dimethyl-5-octenal	---	6.54257	1567.6278	200.464	82.37	265.99	2
7979	C10H18O	2,2-dimethyl-6-octenal	---	6.54257	1567.6278	200.464	82.37	265.99	2
7980	C10H18O	2,3-dimethyl-6-octenal	---	6.54257	1567.6278	200.464	82.37	265.99	2
7981	C10H18O	2,4-dimethyl-6-octenal	---	6.54257	1567.6278	200.464	82.37	265.99	2
7982	C10H18O	2,5-dimethyl-6-octenal	---	6.54257	1567.6278	200.464	82.37	265.99	2
7983	C10H18O	2,6-dimethyl-6-octenal	---	6.54257	1567.6278	200.464	82.37	265.99	2
7984	C10H18O	2,7-dimethyl-6-octenal	---	6.54257	1567.6278	200.464	82.37	265.99	2
7985	C10H18O	2,2-dimethyl-7-octenal	---	6.54257	1567.6278	200.464	82.37	265.99	2
7986	C10H18O	2,3-dimethyl-7-octenal	---	6.54257	1567.6278	200.464	82.37	265.99	2
7987	C10H18O	2,4-dimethyl-7-octenal	---	6.54257	1567.6278	200.464	82.37	265.99	2
7988	C10H18O	2,5-dimethyl-7-octenal	---	6.54257	1567.6278	200.464	82.37	265.99	2
7989	C10H18O	2,6-dimethyl-7-octenal	---	6.54257	1567.6278	200.464	82.37	265.99	2
7990	C10H18O	2,7-dimethyl-7-octenal	---	6.54257	1567.6278	200.464	82.37	265.99	2
7991	C10H18O	2,2-dimethyl-8-octenal	---	6.54257	1567.6278	200.464	82.37	265.99	2
7992	C10H18O	2,3-dimethyl-8-octenal	---	6.54257	1567.6278	200.464	82.37	265.99	2
7993	C10H18O	2,4-dimethyl-8-octenal	---	6.54257	1567.6278	200.464	82.37	265.99	2
7994	C10H18O	2,5-dimethyl-8-octenal	---	6.54257	1567.6278	200.464	82.37	265.99	2
7995	C10H18O	2,6-dimethyl-8-octenal	---	6.54257	1567.6278	200.464	82.37	265.99	2
7996	C10H18O	2,7-dimethyl-8-octenal	---	6.54257	1567.6278	200.464	82.37	265.99	2
7997	C10H18O	3,7-dimethyl-6-octenal	106-23-0	7.37557	1826.5255	198.518	87.97	237.02	1,2
7998	C10H18O	3-decen-2-one	10519-33-2	6.55098	1581.5904	198.288	86.63	271.15	2
7999	C10H18O	3-ethyl-4-methyl-3-hepten-2-one	54244-90-5	6.09935	1402.9214	203.244	71.87	277.62	2
8000	C10H18O	3-ethyl-4-methyl-4-hepten-2-one	53252-08-7	6.55098	1581.5904	198.288	86.63	271.15	2

Table 1 Vapor Pressure – Organic Compounds

log ₁₀ P = A - B/(T + C) (P - mmHg, T - C)									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
8001	C10H18O	4-ethyl-6-methyl-5-hepten-2-one	104035-66-7	6.55098	1581.5904	198.288	86.63	271.15	2
8002	C10H18O	5-ethyl-4-methyl-4-hepten-3-one	22319-28-4	6.55098	1581.5904	198.288	86.63	271.15	2
8003	C10H18O	5-ethyl-4-methyl-5-hepten-3-one	74764-56-0	6.55098	1581.5904	198.288	86.63	271.15	2
8004	C10H18O	6-methyl-5-nonen-4-one	7036-98-8	6.22934	1454.9283	201.854	76.37	275.56	2
8005	C10H18O	6-methyl-6-nonen-4-one	53252-20-3	6.55098	1581.5904	198.288	86.63	271.15	2
8006	C10H18O	cis-3,7-dimethyl-2,6-octadien-1-ol	106-25-2	7.69732	2028.5128	193.514	109.37	255.72	2
8007	C10H18O	2,4-decadien-1-ol	14507-02-9	7.06843	1783.6399	198.288	95.63	260.63	2
8008	C10H18O	2,6-dimethyl-5,7-octadien-2-ol	5986-38-9	7.06843	1783.6399	198.288	95.63	260.63	2
8009	C10H18O	eucalyptol	470-82-6	7.31790	1819.8269	233.740	54.30	206.25	1,2
8010	C10H18O	trans-geraniol	106-24-1	8.60515	2773.1101	254.443	110.19	256.89	1,2
8011	C10H18O	2-tert-butylcyclohexanone	1728-46-7	6.88140	1663.9734	198.288	84.63	251.49	2
8012	C10H18O	4-tert-butylcyclohexanone	98-53-3	6.88140	1663.9734	198.288	84.63	251.49	2
8013	C10H18O	(R)-(+)-citronellal	2385-77-5	7.39280	1832.9647	198.393	88.33	236.89	1,2
8014	C10H18O	(S)-(-)-citronellal	5949-05-3	6.75172	1649.1520	198.393	88.33	263.57	2
8015	C10H18O	a-terpineol	98-55-5	8.28357	2554.2447	255.217	95.47	245.45	1,2
8016	C10H18O	2,2,6,6-tetramethylcyclohexanone	1195-93-3	6.88140	1663.9734	198.288	84.63	251.49	2
8017	C10H18O	3,3,5,5-tetramethylcyclohexanone	14376-79-5	6.67325	1584.0709	200.047	79.17	253.66	2
8018	C10H18O	2-(1-methylpropyl)cyclohexanone	14765-30-1	6.88140	1663.9734	198.288	84.63	251.49	2
8019	C10H18O2	2-decenoic acid	3913-85-7	6.88078	1892.2253	182.394	139.37	329.16	2
8020	C10H18O2	trans-2-decenoic acid	334-49-6	6.88078	1892.2253	182.394	139.37	329.16	2
8021	C10H18O2	3-decenoic acid	15469-77-9	6.88078	1892.2253	182.394	139.37	329.16	2
8022	C10H18O2	4-decenoic acid	26303-90-2	6.88078	1892.2253	182.394	139.37	329.16	2
8023	C10H18O2	trans-4-decenoic acid	57602-94-5	6.88078	1892.2253	182.394	139.37	329.16	2
8024	C10H18O2	cis-4-decenoic acid	505-90-8	6.88078	1892.2253	182.394	139.37	329.16	2
8025	C10H18O2	5-decenoic acid	---	6.88078	1892.2253	182.394	139.37	329.16	2
8026	C10H18O2	6-decenoic acid	---	6.88078	1892.2253	182.394	139.37	329.16	2
8027	C10H18O2	7-decenoic acid	---	6.88078	1892.2253	182.394	139.37	329.16	2
8028	C10H18O2	8-decenoic acid	---	6.88078	1892.2253	182.394	139.37	329.16	2
8029	C10H18O2	9-decenoic acid	14436-32-9	6.88078	1892.2253	182.394	139.37	329.16	2
8030	C10H18O2	2-methyl-2-nonenic acid	---	6.66864	1800.2930	184.618	132.97	331.70	2
8031	C10H18O2	3-methyl-2-nonenic acid	---	6.66864	1800.2930	184.618	132.97	331.70	2
8032	C10H18O2	4-methyl-2-nonenic acid	---	6.66864	1800.2930	184.618	132.97	331.70	2
8033	C10H18O2	5-methyl-2-nonenic acid	---	6.66864	1800.2930	184.618	132.97	331.70	2
8034	C10H18O2	6-methyl-2-nonenic acid	---	6.66864	1800.2930	184.618	132.97	331.70	2
8035	C10H18O2	7-methyl-2-nonenic acid	---	6.66864	1800.2930	184.618	132.97	331.70	2
8036	C10H18O2	8-methyl-2-nonenic acid	---	6.66864	1800.2930	184.618	132.97	331.70	2
8037	C10H18O2	2-methyl-3-nonenic acid	---	6.66864	1800.2930	184.618	132.97	331.70	2
8038	C10H18O2	3-methyl-3-nonenic acid	---	6.66864	1800.2930	184.618	132.97	331.70	2
8039	C10H18O2	4-methyl-3-nonenic acid	---	6.66864	1800.2930	184.618	132.97	331.70	2
8040	C10H18O2	5-methyl-3-nonenic acid	---	6.66864	1800.2930	184.618	132.97	331.70	2
8041	C10H18O2	6-methyl-3-nonenic acid	---	6.66864	1800.2930	184.618	132.97	331.70	2
8042	C10H18O2	7-methyl-3-nonenic acid	---	6.66864	1800.2930	184.618	132.97	331.70	2
8043	C10H18O2	8-methyl-3-nonenic acid	---	6.66864	1800.2930	184.618	132.97	331.70	2
8044	C10H18O2	2-methyl-4-nonenic acid	---	6.66864	1800.2930	184.618	132.97	331.70	2
8045	C10H18O2	3-methyl-4-nonenic acid	---	6.66864	1800.2930	184.618	132.97	331.70	2
8046	C10H18O2	4-methyl-4-nonenic acid	---	6.66864	1800.2930	184.618	132.97	331.70	2
8047	C10H18O2	5-methyl-4-nonenic acid	---	6.66864	1800.2930	184.618	132.97	331.70	2
8048	C10H18O2	6-methyl-4-nonenic acid	---	6.66864	1800.2930	184.618	132.97	331.70	2
8049	C10H18O2	7-methyl-4-nonenic acid	---	6.66864	1800.2930	184.618	132.97	331.70	2
8050	C10H18O2	8-methyl-4-nonenic acid	---	6.66864	1800.2930	184.618	132.97	331.70	2
8051	C10H18O2	2,3-dimethyl-2-octenoic acid	---	6.61827	1778.4299	185.174	131.37	332.35	2
8052	C10H18O2	2,4-dimethyl-2-octenoic acid	---	6.61827	1778.4299	185.174	131.37	332.35	2
8053	C10H18O2	2,5-dimethyl-2-octenoic acid	---	6.61827	1778.4299	185.174	131.37	332.35	2
8054	C10H18O2	2,6-dimethyl-2-octenoic acid	---	6.61827	1778.4299	185.174	131.37	332.35	2
8055	C10H18O2	2,7-dimethyl-2-octenoic acid	---	6.61827	1778.4299	185.174	131.37	332.35	2
8056	C10H18O2	2-ethyl-2-octenoic acid	---	6.72004	1822.5903	184.062	134.57	331.06	2
8057	C10H18O2	3-ethyl-2-octenoic acid	---	6.72004	1822.5903	184.062	134.57	331.06	2
8058	C10H18O2	4-ethyl-2-octenoic acid	---	6.72004	1822.5903	184.062	134.57	331.06	2
8059	C10H18O2	5-ethyl-2-octenoic acid	---	6.72004	1822.5903	184.062	134.57	331.06	2
8060	C10H18O2	6-ethyl-2-octenoic acid	---	6.72004	1822.5903	184.062	134.57	331.06	2
8061	C10H18O2	7-ethyl-2-octenoic acid	---	6.72004	1822.5903	184.062	134.57	331.06	2
8062	C10H18O2	vinyl 2-ethylhexanoate	94-04-2	6.62565	1556.4398	205.719	70.95	246.23	2
8063	C10H18O2	heptyl acrylate	2499-58-3	7.70677	1962.8575	196.825	95.84	236.96	2
8064	C10H18O2	3-hexenyl isobutyrate	57859-47-9	7.70677	1962.8575	196.825	95.84	236.96	2
8065	C10H18O2	cis-3-hexenyl isobutyrate	41519-23-7	7.70677	1962.8575	196.825	95.84	236.96	2
8066	C10H18O2	hexyl-2-butenolate	19089-92-0	7.70677	1962.8575	196.825	95.84	236.96	2
8067	C10H18O2	methyl nonylenate	111-79-5	7.70677	1962.8575	196.825	95.84	236.96	2
8068	C10H18O2	1-octen-3-yl acetate	2442-10-6	7.70677	1962.8575	196.825	95.84	236.96	2
8069	C10H18O4	sebacic acid	111-20-6	8.23238	2874.9630	162.919	234.59	406.32	1,2
8070	C10H18O4	diethyl adipate	141-28-6	9.67663	3995.4830	337.566	122.92	277.62	3
8071	C10H18O4	dipropyl succinate	925-15-5	8.20708	2636.2614	244.154	121.63	280.45	1,2
8072	C10H18O4	3-methylnonanedioic acid	76078-85-8	7.92108	2671.0745	154.611	231.32	409.00	3
8073	C10H18O4	3-tert-butyl adipic acid	10347-88-3	7.85222	2637.3426	155.167	229.72	409.53	3
8074	C10H19Br	1-bromo-1-decene	---	8.20272	2203.9124	189.734	116.25	249.22	2
8075	C10H19Br	cis-1-bromo-1-decene	66291-72-3	8.03996	2136.5122	189.734	113.75	250.05	2
8076	C10H19Br	trans-1-bromo-1-decene	66291-73-4	8.03996	2136.5122	189.734	113.75	250.05	2
8077	C10H19Br	1-bromo-2-decene	14304-30-4	8.22703	2213.2387	189.595	116.65	249.09	2
8078	C10H19Br	2-bromo-1-decene	3017-67-2	8.25153	2222.6332	189.456	117.05	248.96	2
8079	C10H19Br	2-bromo-1-decene	---	8.27621	2232.0967	189.317	117.45	248.83	2
8080	C10H19Br	3-bromo-1-decene	---	8.30107	2241.6300	189.178	117.85	248.71	2

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C)$ (P - mmHg, T - C)									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
8081	C10H19Br	4-bromo-1-decene	---	8.32612	2251.2339	189.039	118.25	248.58	2
8082	C10H19Br	5-bromo-1-decene	---	8.35137	2260.9091	188.900	118.65	248.45	2
8083	C10H19Br	6-bromo-1-decene	---	8.37680	2270.6566	188.761	119.05	248.33	2
8084	C10H19Br	7-bromo-1-decene	---	8.40243	2280.4770	188.622	119.45	248.20	2
8085	C10H19Br	8-bromo-1-decene	---	8.42825	2290.3713	188.483	119.85	248.08	2
8086	C10H19Br	9-bromo-1-decene	---	8.45427	2300.3403	188.344	120.25	247.95	2
8087	C10H19Br	10-bromo-1-decene	---	8.48050	2310.3848	188.205	120.65	247.83	2
8088	C10H19Br	1-bromo-2-decene	---	8.50692	2320.5058	188.066	121.05	247.70	2
8089	C10H19Br	2-bromo-2-decene	---	8.53355	2330.7042	187.927	121.45	247.58	2
8090	C10H19Br	3-bromo-2-decene	---	8.56039	2340.9807	187.788	121.85	247.46	2
8091	C10H19Br	4-bromo-2-decene	---	8.58744	2351.3364	187.649	122.25	247.33	2
8092	C10H19Br	5-bromo-2-decene	---	8.61470	2361.7722	187.510	122.65	247.21	2
8093	C10H19Br	6-bromo-2-decene	---	8.64218	2372.2891	187.371	123.05	247.09	2
8094	C10H19Br	7-bromo-2-decene	---	8.66987	2382.8879	187.232	123.45	246.97	2
8095	C10H19Br	8-bromo-2-decene	---	8.69779	2393.5698	187.093	123.85	246.84	2
8096	C10H19Br	9-bromo-2-decene	---	8.72593	2404.3356	186.954	124.25	246.72	2
8097	C10H19Br	10-bromo-2-decene	---	8.75429	2415.1863	186.815	124.65	246.60	2
8098	C10H19Br3	1,1,1-tribromodecane	62127-67-7	7.75753	2309.7125	169.328	172.47	335.45	2
8099	C10H19Cl	1-chloro-1-decene	---	6.72855	1671.4121	196.239	95.53	275.02	2
8100	C10H19Cl	cis-1-chloro-1-decene	66291-47-2	6.96076	1763.4317	194.070	101.77	272.58	2
8101	C10H19Cl	trans-1-chloro-1-decene	66291-48-3	6.96076	1763.4317	194.070	101.77	272.58	2
8102	C10H19Cl	2-chloro-1-decene	---	6.72855	1671.4121	196.239	95.53	275.02	2
8103	C10H19Cl	3-chloro-1-decene	---	6.74283	1677.0756	196.100	95.93	274.86	2
8104	C10H19Cl	4-chloro-1-decene	---	6.75718	1682.7701	195.961	96.33	274.70	2
8105	C10H19Cl	5-chloro-1-decene	---	6.77162	1688.4958	195.822	96.73	274.54	2
8106	C10H19Cl	6-chloro-1-decene	---	6.78613	1694.2530	195.683	97.13	274.38	2
8107	C10H19Cl	7-chloro-1-decene	---	6.80073	1700.0420	195.544	97.53	274.23	2
8108	C10H19Cl	8-chloro-1-decene	---	6.81542	1705.8631	195.405	97.93	274.07	2
8109	C10H19Cl	9-chloro-1-decene	---	6.83018	1711.7165	195.266	98.33	273.91	2
8110	C10H19Cl	10-chloro-1-decene	---	6.84503	1717.6025	195.127	98.73	273.75	2
8111	C10H19Cl	1-chloro-2-decene	---	6.85997	1723.5213	194.988	99.13	273.60	2
8112	C10H19Cl	2-chloro-2-decene	---	6.87500	1729.4734	194.849	99.53	273.44	2
8113	C10H19Cl	3-chloro-2-decene	---	6.89011	1735.4589	194.710	99.93	273.29	2
8114	C10H19Cl	4-chloro-2-decene	---	6.90530	1741.4782	194.571	100.33	273.13	2
8115	C10H19Cl	5-chloro-2-decene	---	6.92059	1747.5315	194.432	100.73	272.98	2
8116	C10H19Cl	6-chloro-2-decene	---	6.93597	1753.6192	194.293	101.13	272.83	2
8117	C10H19Cl	7-chloro-2-decene	---	6.95143	1759.7415	194.154	101.53	272.67	2
8118	C10H19Cl	8-chloro-2-decene	---	6.96699	1765.8988	194.015	101.93	272.52	2
8119	C10H19Cl	9-chloro-2-decene	---	6.98264	1772.0914	193.876	102.33	272.37	2
8120	C10H19Cl	10-chloro-2-decene	---	6.99838	1778.3195	193.737	102.73	272.21	2
8121	C10H19Cl	(1R)-(-)-menthyl chloride	16052-42-9	7.01421	1784.5835	193.598	103.13	272.06	2
8122	C10H19Cl2N	N,N-bis(2-chloroethyl)-cyclohexylamine	4261-59-0	7.19636	2653.8012	273.150	155.13	387.90	3
8123	C10H19Cl3	1,1,1-trichlorodecane	62108-56-9	8.11780	2247.0777	183.228	132.47	272.02	1,2
8124	C10H19F	1-fluoro-1-decene	---	6.70825	1590.2431	204.857	73.73	246.10	2
8125	C10H19F	cis-1-fluoro-1-decene	66291-49-4	6.70825	1590.2431	204.857	73.73	246.10	2
8126	C10H19F	trans-1-fluoro-1-decene	66291-50-7	6.70825	1590.2431	204.857	73.73	246.10	2
8127	C10H19F	2-fluoro-1-decene	---	6.72306	1595.8634	204.718	74.13	245.94	2
8128	C10H19F	3-fluoro-1-decene	---	6.73796	1601.5157	204.579	74.53	245.78	2
8129	C10H19F	4-fluoro-1-decene	---	6.75295	1607.2003	204.440	74.93	245.62	2
8130	C10H19F	5-fluoro-1-decene	---	6.76803	1612.9175	204.301	75.33	245.46	2
8131	C10H19F	6-fluoro-1-decene	---	6.78319	1618.6676	204.162	75.73	245.30	2
8132	C10H19F	7-fluoro-1-decene	---	6.79845	1624.4509	204.023	76.13	245.14	2
8133	C10H19F	8-fluoro-1-decene	---	6.81379	1630.2677	203.884	76.53	244.98	2
8134	C10H19F	9-fluoro-1-decene	---	6.82923	1636.1183	203.745	76.93	244.83	2
8135	C10H19F	10-fluoro-1-decene	---	6.84476	1642.0029	203.606	77.33	244.67	2
8136	C10H19F	1-fluoro-2-decene	---	6.86039	1647.9220	203.467	77.73	244.52	2
8137	C10H19F	2-fluoro-2-decene	---	6.87611	1653.8757	203.328	78.13	244.36	2
8138	C10H19F	3-fluoro-2-decene	---	6.89192	1659.8645	203.189	78.53	244.20	2
8139	C10H19F	4-fluoro-2-decene	---	6.90783	1665.8886	203.050	78.93	244.05	2
8140	C10H19F	5-fluoro-2-decene	---	6.92384	1671.9484	202.911	79.33	243.90	2
8141	C10H19F	6-fluoro-2-decene	---	6.93994	1678.0442	202.772	79.73	243.74	2
8142	C10H19F	7-fluoro-2-decene	---	6.95615	1684.1763	202.633	80.13	243.59	2
8143	C10H19F	8-fluoro-2-decene	---	6.97245	1690.3451	202.494	80.53	243.44	2
8144	C10H19F	9-fluoro-2-decene	---	6.98885	1696.5508	202.355	80.93	243.28	2
8145	C10H19F	10-fluoro-2-decene	---	7.00536	1702.7939	202.216	81.33	243.13	2
8146	C10H19F3	1,1,1-trifluorodecane	26288-16-4	6.51690	1469.3935	212.550	53.79	228.04	3
8147	C10H19I	1-iodo-1-decene	66291-51-8	8.93733	2491.8011	186.564	127.37	246.38	2
8148	C10H19I	trans-1-iodo-1-decene	66291-52-9	8.93733	2491.8011	186.564	127.37	246.38	2
8149	C10H19I	2-iodo-1-decene	---	8.94931	2496.3899	186.509	127.53	246.33	2
8150	C10H19I	3-iodo-1-decene	---	8.96132	2500.9937	186.453	127.69	246.28	2
8151	C10H19I	4-iodo-1-decene	---	8.97337	2505.6124	186.398	127.85	246.24	2
8152	C10H19I	5-iodo-1-decene	---	8.98547	2510.2461	186.342	128.01	246.19	2
8153	C10H19I	6-iodo-1-decene	---	8.99760	2514.8950	186.286	128.17	246.14	2
8154	C10H19I	7-iodo-1-decene	---	9.00977	2519.5590	186.231	128.33	246.09	2
8155	C10H19I	8-iodo-1-decene	---	9.02198	2524.2383	186.175	128.49	246.05	2
8156	C10H19I	9-iodo-1-decene	---	9.03424	2528.9329	186.120	128.65	246.00	2
8157	C10H19I	10-iodo-1-decene	---	9.04653	2533.6429	186.064	128.81	245.95	2
8158	C10H19I	1-iodo-2-decene	---	9.05887	2538.3685	186.008	128.97	245.91	2
8159	C10H19I	2-iodo-2-decene	---	9.07124	2543.1096	185.953	129.13	245.86	2
8160	C10H19I	3-iodo-2-decene	---	9.08366	2547.8663	185.897	129.29	245.81	2

Table 1 Vapor Pressure – Organic Compounds

log ₁₀ P = A - B/(T + C) (P - mmHg, T - C)									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
8161	C10H19I	4-iodo-2-decene	---	9.09612	2552.6388	185.842	129.45	245.76	2
8162	C10H19I	5-iodo-2-decene	---	9.10862	2557.4270	185.786	129.61	245.72	2
8163	C10H19I	6-iodo-2-decene	---	9.12117	2562.2312	185.730	129.77	245.67	2
8164	C10H19I	7-iodo-2-decene	---	9.13376	2567.0513	185.675	129.93	245.62	2
8165	C10H19I	8-iodo-2-decene	---	9.14638	2571.8875	185.619	130.09	245.58	2
8166	C10H19I	9-iodo-2-decene	---	9.15906	2576.7398	185.564	130.25	245.53	2
8167	C10H19I	10-iodo-2-decene	---	9.17177	2581.6083	185.508	130.41	245.48	2
8168	C10H19N	decanenitrile	1975-78-6	7.23085	1880.3472	188.510	113.27	275.89	1,2
8169	C10H19N5S	prometryn	7287-19-6	11.84110	5222.0000	273.150	208.54	329.90	3
8170	C10H19O6PS2	malathion	121-75-5	8.56369	3716.6000	273.150	218.22	417.43	3
8171	C10H19O7PS	O,O-dimethyl S-[1,2-bis(ethoxycarbonyl)-ethyl]thiophosphate	900000-46-6	11.61820	4880.0000	273.150	186.44	305.30	3
8172	C10H20	pentylcyclopentane	3741-00-2	7.28129	1697.2843	205.855	64.36	208.17	1,2
8173	C10H20	butylcyclohexane	1678-93-9	6.91397	1580.6233	212.057	55.21	211.46	1,2
8174	C10H20	tert-butylcyclohexane	3178-22-1	6.62249	1370.8145	195.514	48.30	202.90	1,2
8175	C10H20	sec-butylcyclohexane	7058-01-7	7.14354	1643.5740	206.219	61.31	208.65	1,2
8176	C10H20	isobutylcyclohexane	1678-98-4	6.56741	1333.3853	190.395	49.10	203.45	1,2
8177	C10H20	1-methyl-1-propylcyclohexane	4258-93-9	7.05313	1596.3211	208.248	55.47	204.10	1,2
8178	C10H20	1-methyl-2-propylcyclohexane	4291-79-6	7.13628	1631.0617	207.136	58.67	205.33	1,2
8179	C10H20	1-methyl-3-propylcyclohexane	4291-80-9	6.85093	1520.0902	210.333	49.47	203.96	1,2
8180	C10H20	1-methyl-4-propylcyclohexane	4291-81-0	7.13210	1628.3505	207.275	58.27	204.94	1,2
8181	C10H20	1-methyl-2-isopropylcyclohexane	16580-23-7	7.14164	1616.4578	208.526	54.67	199.69	1,2
8182	C10H20	1-methyl-3-isopropylcyclohexane	16580-24-8	7.11820	1595.9172	209.777	51.07	195.65	1,2
8183	C10H20	1-methyl-4-isopropylcyclohexane	99-82-1	7.16715	1622.2046	208.610	54.43	198.44	1,2
8184	C10H20	cis-1-methyl-4-isopropylcyclohexane	6069-98-3	7.10933	1611.1421	208.248	55.47	201.97	1,2
8185	C10H20	trans-1-methyl-4-isopropylcyclohexane	1678-82-6	7.13387	1613.1311	208.638	54.35	199.54	1,2
8186	C10H20	1,1,3,4-tetramethylcyclohexane	24612-75-7	6.72528	1473.9978	211.584	45.87	204.40	2
8187	C10H20	trans-1,1,3,5-tetramethylcyclohexane	50876-31-8	7.12137	1564.4542	212.586	42.99	184.53	1,2
8188	C10H20	cis-1,1,3,5-tetramethylcyclohexane	50876-32-9	7.11280	1549.8349	213.669	39.87	180.59	1,2
8189	C10H20	diethylcyclohexane; (mixed isomers)	1331-43-7	7.22028	1646.8956	207.692	57.07	200.11	2
8190	C10H20	cyclodecane	293-96-9	7.29203	1749.6995	204.824	73.26	220.87	3
8191	C10H20	1-decene	872-05-9	7.31508	1694.6254	215.316	53.03	194.68	1,2
8192	C10H20	2-decene	---	8.45256	2070.2874	204.746	73.05	188.05	2
8193	C10H20	cis-2-decene	20348-51-0	8.45256	2070.2874	204.746	73.05	188.05	2
8194	C10H20	trans-2-decene	20063-97-2	8.45256	2070.2874	204.746	73.05	188.05	2
8195	C10H20	3-decene	---	8.15844	1968.7777	206.219	68.81	189.39	2
8196	C10H20	cis-3-decene	---	8.15844	1968.7777	206.219	68.81	189.39	2
8197	C10H20	trans-3-decene	---	8.15844	1968.7777	206.219	68.81	189.39	2
8198	C10H20	4-decene	19689-18-0	7.57067	1760.8566	208.638	59.35	192.58	2
8199	C10H20	5-decene	---	8.03857	1927.3609	206.858	66.97	189.98	2
8200	C10H20	cis-5-decene	7433-78-5	7.58834	1766.9678	208.526	59.67	192.47	2
8201	C10H20	trans-5-decene	7433-56-9	7.58834	1766.9678	208.526	59.67	192.47	2
8202	C10H20	2-methyl-1-nonene	2980-71-4	7.13820	1591.5282	207.004	52.28	195.27	2
8203	C10H20	3-methyl-1-nonene	---	7.69951	1810.0343	208.804	61.37	191.85	2
8204	C10H20	4-methyl-1-nonene	---	7.69951	1810.0343	208.804	61.37	191.85	2
8205	C10H20	5-methyl-1-nonene	---	7.69951	1810.0343	208.804	61.37	191.85	2
8206	C10H20	6-methyl-1-nonene	---	7.69951	1810.0343	208.804	61.37	191.85	2
8207	C10H20	7-methyl-1-nonene	---	7.69951	1810.0343	208.804	61.37	191.85	2
8208	C10H20	8-methyl-1-nonene	26741-24-2	7.72253	1818.0084	208.665	61.77	191.72	2
8209	C10H20	3-methyl-2-nonene	---	7.69951	1810.0343	208.804	61.37	191.85	2
8210	C10H20	4-methyl-2-nonene	---	7.69951	1810.0343	208.804	61.37	191.85	2
8211	C10H20	5-methyl-2-nonene	---	7.69951	1810.0343	208.804	61.37	191.85	2
8212	C10H20	6-methyl-2-nonene	---	7.69951	1810.0343	208.804	61.37	191.85	2
8213	C10H20	7-methyl-2-nonene	---	7.69951	1810.0343	208.804	61.37	191.85	2
8214	C10H20	8-methyl-2-nonene	---	7.69951	1810.0343	208.804	61.37	191.85	2
8215	C10H20	2-methyl-3-nonene	53966-53-3	7.17604	1624.1509	211.306	51.67	195.32	2
8216	C10H20	4-methyl-3-nonene	---	7.69951	1810.0343	208.804	61.37	191.85	2
8217	C10H20	5-methyl-3-nonene	---	7.69951	1810.0343	208.804	61.37	191.85	2
8218	C10H20	6-methyl-3-nonene	---	7.69951	1810.0343	208.804	61.37	191.85	2
8219	C10H20	7-methyl-3-nonene	---	7.69951	1810.0343	208.804	61.37	191.85	2
8220	C10H20	8-methyl-3-nonene	---	7.69951	1810.0343	208.804	61.37	191.85	2
8221	C10H20	5-methyl-4-nonene	15918-07-7	7.55647	1760.4592	209.692	58.81	192.73	2
8222	C10H20	8-methyl-4-nonene	70732-43-3	7.69951	1810.0343	208.804	61.37	191.85	2
8223	C10H20	2,3-dimethyl-1-octene	---	7.39463	1704.2995	210.750	55.77	193.80	2
8224	C10H20	3,3-dimethyl-1-octene	---	7.39463	1704.2995	210.750	55.77	193.80	2
8225	C10H20	3,4-dimethyl-1-octene	---	7.39463	1704.2995	210.750	55.77	193.80	2
8226	C10H20	3,5-dimethyl-1-octene	---	7.39463	1704.2995	210.750	55.77	193.80	2
8227	C10H20	3,6-dimethyl-1-octene	---	7.39463	1704.2995	210.750	55.77	193.80	2
8228	C10H20	3,7-dimethyl-1-octene	4984-01-4	6.91993	1535.1695	213.252	46.07	197.43	2
8229	C10H20	2,6-dimethyl-2-octene	4057-42-5	7.25385	1651.1429	210.750	53.27	194.74	2
8230	C10H20	3,4-dimethyl-2-octene	---	7.39463	1704.2995	210.750	55.77	193.80	2
8231	C10H20	4,4-dimethyl-2-octene	---	7.39463	1704.2995	210.750	55.77	193.80	2
8232	C10H20	4,5-dimethyl-2-octene	---	7.39463	1704.2995	210.750	55.77	193.80	2
8233	C10H20	4,6-dimethyl-2-octene	---	7.39463	1704.2995	210.750	55.77	193.80	2
8234	C10H20	4,7-dimethyl-2-octene	---	7.39463	1704.2995	210.750	55.77	193.80	2
8235	C10H20	2,2-dimethyl-3-octene	19482-57-6	7.39463	1704.2995	210.750	55.77	193.80	2
8236	C10H20	2,4,6-trimethyl-3-heptene, isomer	123434-07-1	7.55647	1760.4592	209.692	58.81	192.73	2
8237	C10H20	2,2,5,5-tetramethyl-3-hexene	22808-06-6	6.05407	1232.2775	221.509	-4.50	207.52	2
8238	C10H20	trans-2,2,5,5-tetramethyl-3-hexene	692-48-8	6.07610	1240.0345	221.259	-4.90	207.19	2
8239	C10H20	2-ethyl-1-octene	---	7.69951	1810.0343	208.804	61.37	191.85	2
8240	C10H20	3-ethyl-1-octene	---	7.69951	1810.0343	208.804	61.37	191.85	2

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C)$ (P - mmHg, T - C)									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
8241	C10H20	4-ethyl-1-octene	---	7.69951	1810.0343	208.804	61.37	191.85	2
8242	C10H20	5-ethyl-1-octene	---	7.69951	1810.0343	208.804	61.37	191.85	2
8243	C10H20	6-ethyl-1-octene	---	7.69951	1810.0343	208.804	61.37	191.85	2
8244	C10H20	7-ethyl-1-octene	---	7.69951	1810.0343	208.804	61.37	191.85	2
8245	C10H20	5-ethyl-5-methyl-3-heptene	61228-10-2	7.72246	1817.9849	208.666	61.77	191.72	2
8246	C10H20	cis-1,2-di-tert-butylethene	692-47-7	7.55647	1760.4592	209.692	58.81	192.73	2
8247	C10H20	4-propyl-3-heptene	4485-13-6	7.40447	1682.5511	211.445	51.27	187.02	1,2
8248	C10H20	1,1-diethylcyclohexane	78-01-3	7.11396	1611.9828	206.950	56.71	203.00	1,2
8249	C10H20	1,2,3,4-tetramethylcyclohexane	3726-45-2	7.04843	1592.7468	207.122	56.21	204.80	1,2
8250	C10H20Br2	1,1-dibromodecane	59104-80-2	7.78591	2219.4835	178.502	148.57	303.57	2
8251	C10H20Br2	1,2-dibromodecane	28467-71-2	7.58564	2056.4880	186.386	125.88	280.59	1,2
8252	C10H20Br2	1,3-dibromodecane	---	7.86516	2252.5700	177.946	150.17	303.03	2
8253	C10H20Br2	1,4-dibromodecane	---	7.90555	2269.4294	177.668	150.97	302.77	2
8254	C10H20Br2	1,5-dibromodecane	---	7.94648	2286.5050	177.390	151.77	302.50	2
8255	C10H20Br2	1,6-dibromodecane	---	7.98794	2303.8012	177.112	152.57	302.24	2
8256	C10H20Br2	1,7-dibromodecane	---	8.02996	2321.3222	176.834	153.37	301.98	2
8257	C10H20Br2	1,8-dibromodecane	---	8.07253	2339.0727	176.556	154.17	301.71	2
8258	C10H20Br2	1,9-dibromodecane	---	8.11568	2357.0573	176.278	154.97	301.45	2
8259	C10H20Br2	1,10-dibromodecane	4101-68-2	8.15941	2375.2806	176.000	155.77	301.20	2
8260	C10H20Br2	2,2-dibromodecane	---	7.45297	2080.2704	181.004	141.37	306.05	2
8261	C10H20Br2	2,3-dibromodecane	---	7.48816	2095.0040	180.726	142.17	305.77	2
8262	C10H20Br2	2,4-dibromodecane	---	7.52379	2109.9134	180.448	142.97	305.49	2
8263	C10H20Br2	2,5-dibromodecane	---	7.55986	2125.0019	180.170	143.77	305.21	2
8264	C10H20Br2	2,6-dibromodecane	---	7.59637	2140.2726	179.892	144.57	304.93	2
8265	C10H20Br2	2,7-dibromodecane	---	7.63333	2155.7291	179.614	145.37	304.66	2
8266	C10H20Br2	2,8-dibromodecane	---	7.67076	2171.3748	179.336	146.17	304.38	2
8267	C10H20Br2	2,9-dibromodecane	---	7.70866	2187.2133	179.058	146.97	304.11	2
8268	C10H20Br2	5,6-dibromodecane	77928-86-0	7.74704	2203.2483	178.780	147.77	303.84	2
8269	C10H20CdN2S4	bis(diethylthiocarbamate)cadmium	14239-68-0	21.82217	6960.0000	273.150	61.10	100.23	3
8270	C10H20ClF	1-chloro-10-fluorodecane	334-62-3	7.81479	2161.3394	183.784	133.37	282.73	2
8271	C10H20Cl2	1,1-dichlorodecane	3162-62-7	7.26629	1976.1883	187.398	127.97	296.43	2
8272	C10H20Cl2	1,2-dichlorodecane	---	7.07381	1888.2891	187.120	123.77	298.06	2
8273	C10H20Cl2	1,3-dichlorodecane	---	7.10509	1901.1987	186.842	124.57	297.76	2
8274	C10H20Cl2	1,4-dichlorodecane	---	7.13672	1914.2540	186.564	125.37	297.46	2
8275	C10H20Cl2	1,5-dichlorodecane	---	7.16873	1927.4579	186.286	126.17	297.16	2
8276	C10H20Cl2	1,6-dichlorodecane	---	7.20111	1940.8127	186.008	126.97	296.87	2
8277	C10H20Cl2	1,7-dichlorodecane	---	7.23387	1954.3213	185.730	127.77	296.58	2
8278	C10H20Cl2	1,8-dichlorodecane	---	7.26703	1967.9864	185.452	128.57	296.29	2
8279	C10H20Cl2	1,9-dichlorodecane	---	7.30058	1981.8107	185.174	129.37	296.00	2
8280	C10H20Cl2	1,10-dichlorodecane	2162-98-3	7.33453	1995.7971	184.896	130.17	295.71	2
8281	C10H20Cl2	2,2-dichlorodecane	---	6.75208	1755.2368	190.178	114.97	301.45	2
8282	C10H20Cl2	2,3-dichlorodecane	---	6.77974	1766.6948	189.900	115.77	301.14	2
8283	C10H20Cl2	2,4-dichlorodecane	---	6.80770	1778.2740	189.622	116.57	300.82	2
8284	C10H20Cl2	2,5-dichlorodecane	---	6.83597	1789.9765	189.344	117.37	300.51	2
8285	C10H20Cl2	2,6-dichlorodecane	---	6.86456	1801.8043	189.066	118.17	300.19	2
8286	C10H20Cl2	2,7-dichlorodecane	---	6.89345	1813.7595	188.788	118.97	299.88	2
8287	C10H20Cl2	2,8-dichlorodecane	---	6.92268	1825.8443	188.510	119.77	299.57	2
8288	C10H20Cl2	2,9-dichlorodecane	---	6.95222	1838.0608	188.232	120.57	299.27	2
8289	C10H20CoN2S4	bis(diethylthio-carbamate)cobalt	15974-34-2	16.47800	9273.0000	273.150	325.96	424.27	3
8290	C10H20CuN2S4	bis(diethylthio-carbamate)copper	13681-87-3	15.22800	7789.0000	273.150	274.29	373.45	3
8291	C10H20F2	1,1-difluorodecane	62127-43-9	6.61330	1582.7270	205.190	76.77	256.05	3
8292	C10H20F2	1,2-difluorodecane	---	6.64138	1593.5905	204.912	77.57	255.72	3
8293	C10H20F2	1,3-difluorodecane	---	6.66979	1604.5738	204.634	78.37	255.40	3
8294	C10H20F2	1,4-difluorodecane	---	6.69852	1615.6789	204.356	79.17	255.08	3
8295	C10H20F2	1,5-difluorodecane	---	6.72758	1626.9082	204.078	79.97	254.76	3
8296	C10H20F2	1,6-difluorodecane	---	6.75697	1638.2635	203.800	80.77	254.44	3
8297	C10H20F2	1,7-difluorodecane	---	6.78671	1649.7473	203.522	81.57	254.12	3
8298	C10H20F2	1,8-difluorodecane	---	6.81680	1661.3616	203.244	82.37	253.81	3
8299	C10H20F2	1,9-difluorodecane	---	6.84724	1673.1089	202.966	83.17	253.49	3
8300	C10H20F2	1,10-difluorodecane	---	6.87805	1684.9915	202.688	83.97	253.18	3
8301	C10H20F2	2,2-difluorodecane	---	6.34892	1480.2622	207.970	68.77	259.42	3
8302	C10H20F2	2,3-difluorodecane	---	6.37408	1490.0310	207.692	69.57	259.07	3
8303	C10H20F2	2,4-difluorodecane	---	6.39952	1499.9013	207.414	70.37	258.73	3
8304	C10H20F2	2,5-difluorodecane	---	6.42523	1509.8749	207.136	71.17	258.39	3
8305	C10H20F2	2,6-difluorodecane	---	6.45122	1519.9533	206.858	71.97	258.05	3
8306	C10H20F2	2,7-difluorodecane	---	6.47749	1530.1385	206.580	72.77	257.71	3
8307	C10H20F2	2,8-difluorodecane	---	6.50405	1540.4320	206.302	73.57	257.37	3
8308	C10H20F2	2,9-difluorodecane	---	6.53091	1550.8358	206.024	74.37	257.04	3
8309	C10H20I2	1,1-diiododecane	66291-57-4	7.82905	2476.6331	162.212	200.45	370.72	2
8310	C10H20I2	1,2-diiododecane	---	7.86510	2493.2901	161.934	201.25	370.45	2
8311	C10H20I2	1,3-diiododecane	---	7.90157	2510.1388	161.656	202.05	370.18	2
8312	C10H20I2	1,4-diiododecane	---	7.93847	2527.1825	161.378	202.85	369.92	2
8313	C10H20I2	1,5-diiododecane	---	7.97581	2544.4247	161.100	203.65	369.66	2
8314	C10H20I2	1,6-diiododecane	---	8.01360	2561.8689	160.822	204.45	369.39	2
8315	C10H20I2	1,7-diiododecane	---	8.05184	2579.5188	160.544	205.25	369.13	2
8316	C10H20I2	1,8-diiododecane	---	8.09055	2597.3781	160.266	206.05	368.87	2
8317	C10H20I2	1,9-diiododecane	---	8.12973	2615.4506	159.988	206.85	368.61	2
8318	C10H20I2	1,10-diiododecane	16355-92-3	7.49031	2319.9068	164.992	192.45	373.46	2
8319	C10H20I2	2,2-diiododecane	---	7.52250	2334.8184	164.714	193.25	373.18	2
8320	C10H20I2	2,3-diiododecane	---	7.55505	2349.8916	164.436	194.05	372.90	2

Table 1 Vapor Pressure – Organic Compounds

NO	FORMULA	NAME	$\log_{10} P = A - B/(T + C) \quad (P - \text{mmHg}, T - ^\circ\text{C})$						
			CAS No	A	B	C	TMIN	TMAX	code
8321	C10H20I2	2,4-diiododecane	---	7.58797	2365.1291	164.158	194.85	372.62	2
8322	C10H20I2	2,5-diiododecane	---	7.62125	2380.5337	163.880	195.65	372.35	2
8323	C10H20I2	2,6-diiododecane	---	7.65490	2396.1082	163.602	196.45	372.07	2
8324	C10H20I2	2,7-diiododecane	---	7.68894	2411.8555	163.324	197.25	371.80	2
8325	C10H20I2	2,8-diiododecane	---	7.72337	2427.7786	163.046	198.05	371.53	2
8326	C10H20I2	2,9-diiododecane	---	7.75819	2443.8805	162.768	198.85	371.26	2
8327	C10H20N2NiS4	bis(diethyldithio-carbamate)nickel	14267-17-5	14.97800	7940.0000	273.150	294.89	399.95	3
8328	C10H20N2PbS4	bis(diethyldithio-carbamate)lead	17549-30-3	12.43000	6785.0000	273.150	320.46	460.51	3
8329	C10H20N2S4Zn	zinc diethyldithiocarbamate	14324-55-1	15.26500	7477.0000	273.150	251.00	345.65	3
8330	C10H20O	2-butylcyclohexanol	36159-49-6	7.01679	1773.8361	198.345	96.47	264.20	2
8331	C10H20O	trans-2-butylcyclohexanol	35242-05-8	7.01679	1773.8361	198.345	96.47	264.20	2
8332	C10H20O	2-tert-butylcyclohexanol	13491-79-7	7.01679	1773.8361	198.345	96.47	264.20	2
8333	C10H20O	4-tert-butylcyclohexanol; (cis+trans)	98-52-2	7.01679	1773.8361	198.345	96.47	264.20	2
8334	C10H20O	1-methyl-4-isopropylcyclohexanol	21129-27-1	7.04494	1784.8961	198.101	66.81	263.94	2
8335	C10H20O	2-methyl-5-isopropylcyclohexanol, [1R-(1alpha,2alpha,5beta)]	5563-78-0	7.35261	1905.5878	195.599	66.81	261.29	2
8336	C10H20O	2-methyl-1-propylcyclohexanol	24580-48-1	7.01679	1773.8361	198.345	96.47	264.20	2
8337	C10H20O	3-methyl-1-propylcyclohexanol	24580-52-7	6.75427	1670.5345	200.742	66.81	266.88	2
8338	C10H20O	trans-4-(1,1-dimethylethyl)cyclohexanol	21862-63-5	7.01679	1773.8361	198.345	96.47	264.20	2
8339	C10H20O	cis-4-(1,1-dimethylethyl)cyclohexanol	937-05-3	7.01679	1773.8361	198.345	96.47	264.20	2
8340	C10H20O	[1R-(1a,2a,5b)]-5-methyl-2-(1-methylethyl)cyclohexanol	20747-49-3	7.01679	1773.8361	198.345	96.47	264.20	2
8341	C10H20O	decanal	112-31-2	7.73752	1974.3112	197.962	95.07	235.41	1,2
8342	C10H20O	2-methylnonanal	---	7.40702	1855.8653	199.491	90.17	239.75	2
8343	C10H20O	3-methylnonanal	65899-13-0	7.40702	1855.8653	199.491	90.17	239.75	2
8344	C10H20O	4-methylnonanal	94088-30-9	7.40702	1855.8653	199.491	90.17	239.75	2
8345	C10H20O	5-methylnonanal	---	7.40702	1855.8653	199.491	90.17	239.75	2
8346	C10H20O	6-methylnonanal	---	7.40702	1855.8653	199.491	90.17	239.75	2
8347	C10H20O	7-methylnonanal	---	7.40702	1855.8653	199.491	90.17	239.75	2
8348	C10H20O	8-methylnonanal	1321-89-7	7.40702	1855.8653	199.491	90.17	239.75	2
8349	C10H20O	2,2-dimethyloctanal	---	7.20056	1777.9368	201.048	85.69	241.37	2
8350	C10H20O	2,3-dimethyloctanal	---	7.20056	1777.9368	201.048	85.69	241.37	2
8351	C10H20O	2,4-dimethyloctanal	---	7.20056	1777.9368	201.048	85.69	241.37	2
8352	C10H20O	2,5-dimethyloctanal	---	7.20056	1777.9368	201.048	85.69	241.37	2
8353	C10H20O	2,6-dimethyloctanal	1321-89-7	7.20056	1777.9368	201.048	85.69	241.37	2
8354	C10H20O	2,7-dimethyloctanal	---	7.20056	1777.9368	201.048	85.69	241.37	2
8355	C10H20O	isodecanal	1321-89-7	7.19342	1776.0752	201.298	85.47	241.44	2
8356	C10H20O	2-decanone	693-54-9	7.37438	1840.0215	197.629	91.03	241.25	1,2
8357	C10H20O	3-decanone	928-80-3	7.37314	1815.7087	199.630	85.27	233.58	1,2
8358	C10H20O	4-decanone	624-16-8	7.43247	1844.3656	198.657	88.07	235.25	1,2
8359	C10H20O	5-decanone	820-29-1	7.43476	1836.2877	199.380	85.99	232.39	1,2
8360	C10H20O	3-methyl-2-nonanone	---	7.22508	1764.6163	200.659	82.81	235.78	2
8361	C10H20O	4-methyl-2-nonanone	---	7.22508	1764.6163	200.659	82.81	235.78	2
8362	C10H20O	5-methyl-2-nonanone	---	7.22508	1764.6163	200.659	82.81	235.78	2
8363	C10H20O	6-methyl-2-nonanone	---	7.22508	1764.6163	200.659	82.81	235.78	2
8364	C10H20O	7-methyl-2-nonanone	---	7.22508	1764.6163	200.659	82.81	235.78	2
8365	C10H20O	8-methyl-2-nonanone	---	7.22508	1764.6163	200.659	82.81	235.78	2
8366	C10H20O	2-methyl-3-nonanone	5445-31-8	7.43036	1821.4377	200.506	82.75	228.22	1,2
8367	C10H20O	4-methyl-3-nonanone	---	7.22508	1764.6163	200.659	82.81	235.78	2
8368	C10H20O	5-methyl-3-nonanone	---	7.22508	1764.6163	200.659	82.81	235.78	2
8369	C10H20O	6-methyl-3-nonanone	---	7.22508	1764.6163	200.659	82.81	235.78	2
8370	C10H20O	7-methyl-3-nonanone	---	7.22508	1764.6163	200.659	82.81	235.78	2
8371	C10H20O	8-methyl-3-nonanone	---	7.22508	1764.6163	200.659	82.81	235.78	2
8372	C10H20O	2-methyl-4-nonanone	---	7.22508	1764.6163	200.659	82.81	235.78	2
8373	C10H20O	3-methyl-4-nonanone	---	7.22508	1764.6163	200.659	82.81	235.78	2
8374	C10H20O	5-methyl-4-nonanone	---	7.22508	1764.6163	200.659	82.81	235.78	2
8375	C10H20O	6-methyl-4-nonanone	---	7.22508	1764.6163	200.659	82.81	235.78	2
8376	C10H20O	7-methyl-4-nonanone	---	7.22508	1764.6163	200.659	82.81	235.78	2
8377	C10H20O	8-methyl-4-nonanone	---	7.22508	1764.6163	200.659	82.81	235.78	2
8378	C10H20O	2-methyl-5-nonanone	22287-02-1	7.43065	1833.7738	199.491	85.67	232.11	1,2
8379	C10H20O	3-methyl-5-nonanone	---	7.22508	1764.6163	200.659	82.81	235.78	2
8380	C10H20O	4-methyl-5-nonanone	---	6.89053	1639.6486	203.383	74.97	238.73	2
8381	C10H20O	6-methyl-5-nonanone	---	7.22508	1764.6163	200.659	82.81	235.78	2
8382	C10H20O	7-methyl-5-nonanone	---	7.22508	1764.6163	200.659	82.81	235.78	2
8383	C10H20O	8-methyl-5-nonanone	---	7.22508	1764.6163	200.659	82.81	235.78	2
8384	C10H20O	2-decen-1-ol	22104-80-9	7.27930	1923.2083	191.707	114.57	277.66	2
8385	C10H20O	3-decen-1-ol	69093-74-9	7.26217	1916.3274	191.846	114.17	277.80	2
8386	C10H20O	4-decen-1-ol	---	7.26217	1916.3274	191.846	114.17	277.80	2
8387	C10H20O	cis-4-decen-1-ol	57074-37-0	7.26217	1916.3274	191.846	114.17	277.80	2
8388	C10H20O	5-decen-1-ol	---	7.26217	1916.3274	191.846	114.17	277.80	2
8389	C10H20O	trans-5-decen-1-ol	56578-18-8	7.26217	1916.3274	191.846	114.17	277.80	2
8390	C10H20O	6-decen-1-ol	---	7.26217	1916.3274	191.846	114.17	277.80	2
8391	C10H20O	7-decen-1-ol	---	7.26217	1916.3274	191.846	114.17	277.80	2
8392	C10H20O	8-decen-1-ol	---	7.26217	1916.3274	191.846	114.17	277.80	2
8393	C10H20O	9-decen-1-ol	13019-22-2	7.74086	2074.1919	190.734	116.97	264.23	1,2
8394	C10H20O	1-methyl-2-nonen-1-ol	---	6.93992	1786.6751	194.629	106.16	280.79	2
8395	C10H20O	2-methyl-2-nonen-1-ol	---	6.93992	1786.6751	194.629	106.16	280.79	2
8396	C10H20O	3-methyl-2-nonen-1-ol	---	6.93992	1786.6751	194.629	106.16	280.79	2
8397	C10H20O	4-methyl-2-nonen-1-ol	---	6.93992	1786.6751	194.629	106.16	280.79	2
8398	C10H20O	5-methyl-2-nonen-1-ol	---	6.93992	1786.6751	194.629	106.16	280.79	2
8399	C10H20O	6-methyl-2-nonen-1-ol	---	6.93992	1786.6751	194.629	106.16	280.79	2
8400	C10H20O	7-methyl-2-nonen-1-ol	---	6.93992	1786.6751	194.629	106.16	280.79	2

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C)$ (P - mmHg, T - C)									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
8401	C10H20O	8-methyl-2-nonen-1-ol	---	6.93992	1786.6751	194.629	106.16	280.79	2
8402	C10H20O	1-methyl-3-nonen-1-ol	---	6.93992	1786.6751	194.629	106.16	280.79	2
8403	C10H20O	2-methyl-3-nonen-1-ol	---	6.93992	1786.6751	194.629	106.16	280.79	2
8404	C10H20O	3-methyl-3-nonen-1-ol	---	6.93992	1786.6751	194.629	106.16	280.79	2
8405	C10H20O	4-methyl-3-nonen-1-ol	---	6.93992	1786.6751	194.629	106.16	280.79	2
8406	C10H20O	5-methyl-3-nonen-1-ol	---	6.93992	1786.6751	194.629	106.16	280.79	2
8407	C10H20O	6-methyl-3-nonen-1-ol	---	6.93992	1786.6751	194.629	106.16	280.79	2
8408	C10H20O	7-methyl-3-nonen-1-ol	---	6.93992	1786.6751	194.629	106.16	280.79	2
8409	C10H20O	8-methyl-3-nonen-1-ol	---	6.93992	1786.6751	194.629	106.16	280.79	2
8410	C10H20O	1-methyl-4-nonen-1-ol	---	6.93992	1786.6751	194.629	106.16	280.79	2
8411	C10H20O	2-methyl-4-nonen-1-ol	---	6.93992	1786.6751	194.629	106.16	280.79	2
8412	C10H20O	3-methyl-4-nonen-1-ol	---	6.93992	1786.6751	194.629	106.16	280.79	2
8413	C10H20O	4-methyl-4-nonen-1-ol	---	6.93992	1786.6751	194.629	106.16	280.79	2
8414	C10H20O	5-methyl-4-nonen-1-ol	---	6.93992	1786.6751	194.629	106.16	280.79	2
8415	C10H20O	6-methyl-4-nonen-1-ol	---	6.93992	1786.6751	194.629	106.16	280.79	2
8416	C10H20O	7-methyl-4-nonen-1-ol	---	6.93992	1786.6751	194.629	106.16	280.79	2
8417	C10H20O	8-methyl-4-nonen-1-ol	---	6.93992	1786.6751	194.629	106.16	280.79	2
8418	C10H20O	1-methyl-5-nonen-1-ol	---	6.93992	1786.6751	194.629	106.16	280.79	2
8419	C10H20O	2-methyl-5-nonen-1-ol	---	6.93992	1786.6751	194.629	106.16	280.79	2
8420	C10H20O	3-methyl-5-nonen-1-ol	---	6.93992	1786.6751	194.629	106.16	280.79	2
8421	C10H20O	4-methyl-5-nonen-1-ol	---	6.93992	1786.6751	194.629	106.16	280.79	2
8422	C10H20O	5-methyl-5-nonen-1-ol	---	6.93992	1786.6751	194.629	106.16	280.79	2
8423	C10H20O	6-methyl-5-nonen-1-ol	---	6.93992	1786.6751	194.629	106.16	280.79	2
8424	C10H20O	7-methyl-5-nonen-1-ol	---	6.93992	1786.6751	194.629	106.16	280.79	2
8425	C10H20O	8-methyl-5-nonen-1-ol	---	6.93992	1786.6751	194.629	106.16	280.79	2
8426	C10H20O	1-methyl-6-nonen-1-ol	---	6.93992	1786.6751	194.629	106.16	280.79	2
8427	C10H20O	2-methyl-6-nonen-1-ol	---	6.93992	1786.6751	194.629	106.16	280.79	2
8428	C10H20O	3-methyl-6-nonen-1-ol	---	6.93992	1786.6751	194.629	106.16	280.79	2
8429	C10H20O	4-methyl-6-nonen-1-ol	---	6.93992	1786.6751	194.629	106.16	280.79	2
8430	C10H20O	5-methyl-6-nonen-1-ol	---	6.93992	1786.6751	194.629	106.16	280.79	2
8431	C10H20O	6-methyl-6-nonen-1-ol	---	6.93992	1786.6751	194.629	106.16	280.79	2
8432	C10H20O	7-methyl-6-nonen-1-ol	---	6.93992	1786.6751	194.629	106.16	280.79	2
8433	C10H20O	8-methyl-6-nonen-1-ol	---	6.93992	1786.6751	194.629	106.16	280.79	2
8434	C10H20O	1-methyl-7-nonen-1-ol	---	6.93992	1786.6751	194.629	106.16	280.79	2
8435	C10H20O	2-methyl-7-nonen-1-ol	---	6.93992	1786.6751	194.629	106.16	280.79	2
8436	C10H20O	3-methyl-7-nonen-1-ol	---	6.93992	1786.6751	194.629	106.16	280.79	2
8437	C10H20O	4-methyl-7-nonen-1-ol	---	6.93992	1786.6751	194.629	106.16	280.79	2
8438	C10H20O	5-methyl-7-nonen-1-ol	---	6.93992	1786.6751	194.629	106.16	280.79	2
8439	C10H20O	6-methyl-7-nonen-1-ol	---	6.93992	1786.6751	194.629	106.16	280.79	2
8440	C10H20O	7-methyl-7-nonen-1-ol	---	6.93992	1786.6751	194.629	106.16	280.79	2
8441	C10H20O	8-methyl-7-nonen-1-ol	---	6.93992	1786.6751	194.629	106.16	280.79	2
8442	C10H20O	1-methyl-8-nonen-1-ol	---	6.93992	1786.6751	194.629	106.16	280.79	2
8443	C10H20O	2-methyl-8-nonen-1-ol	---	6.93992	1786.6751	194.629	106.16	280.79	2
8444	C10H20O	3-methyl-8-nonen-1-ol	---	6.93992	1786.6751	194.629	106.16	280.79	2
8445	C10H20O	4-methyl-8-nonen-1-ol	---	6.93992	1786.6751	194.629	106.16	280.79	2
8446	C10H20O	5-methyl-8-nonen-1-ol	---	6.93992	1786.6751	194.629	106.16	280.79	2
8447	C10H20O	6-methyl-8-nonen-1-ol	---	6.93992	1786.6751	194.629	106.16	280.79	2
8448	C10H20O	7-methyl-8-nonen-1-ol	---	6.93992	1786.6751	194.629	106.16	280.79	2
8449	C10H20O	8-methyl-8-nonen-1-ol	---	6.93992	1786.6751	194.629	106.16	280.79	2
8450	C10H20O	alpha-citronellol	6812-78-8	6.95544	1792.9290	194.487	106.57	280.64	2
8451	C10H20O	beta-citronellol, (R) - (+)	1117-61-9	6.95544	1792.9290	194.487	106.57	280.64	2
8452	C10H20O	citronellol	106-22-9	7.91191	2090.7448	193.514	80.00	248.50	1,2
8453	C10H20O	3,7-dimethyl-6-octen-3-ol	18479-51-1	7.08041	1843.2466	193.375	109.77	279.43	2
8454	C10H20O	2,6-dimethyl-1-octen-8-ol	141-25-3	7.08041	1843.2466	193.375	109.77	279.43	2
8455	C10H20O	2-isopropyl-5-methyl-2-hexen-1-ol	40853-53-0	7.08041	1843.2466	193.375	109.77	279.43	2
8456	C10H20O	2-ethylhexyl vinyl ether	103-44-6	8.38310	2139.7310	198.345	91.47	213.04	2
8457	C10H20O	octyl vinyl ether	929-62-4	7.58834	1841.6151	204.356	75.17	213.58	1,2
8458	C10H20O	tetrahydroneral	5988-91-0	4.88093	840.1164	199.497	16.98	294.95	3
8459	C10H20O2	decanoic acid	334-48-5	7.91187	1912.0384	123.197	153.43	281.04	1,2
8460	C10H20O2	2-methylnonanoic acid	24323-21-5	7.58480	2101.5662	183.784	135.37	293.52	2
8461	C10H20O2	3-methylnonanoic acid	35205-79-9	7.58480	2101.5662	183.784	135.37	293.52	2
8462	C10H20O2	4-methylnonanoic acid	45019-28-1	7.58480	2101.5662	183.784	135.37	293.52	2
8463	C10H20O2	5-methylnonanoic acid	---	7.58480	2101.5662	183.784	135.37	293.52	2
8464	C10H20O2	6-methylnonanoic acid	---	7.58480	2101.5662	183.784	135.37	293.52	2
8465	C10H20O2	7-methylnonanoic acid	---	7.58480	2101.5662	183.784	135.37	293.52	2
8466	C10H20O2	8-methylnonanoic acid	5963-14-4	7.58480	2101.5662	183.784	135.37	293.52	2
8467	C10H20O2	2,2-dimethyloctanoic acid	29662-90-6	7.30153	1984.8463	186.008	128.97	295.79	2
8468	C10H20O2	2,3-dimethyloctanoic acid	---	7.30153	1984.8463	186.008	128.97	295.79	2
8469	C10H20O2	2,4-dimethyloctanoic acid	---	7.30153	1984.8463	186.008	128.97	295.79	2
8470	C10H20O2	2,5-dimethyloctanoic acid	---	7.30153	1984.8463	186.008	128.97	295.79	2
8471	C10H20O2	2,6-dimethyloctanoic acid	---	7.30153	1984.8463	186.008	128.97	295.79	2
8472	C10H20O2	2,7-dimethyloctanoic acid	---	7.30153	1984.8463	186.008	128.97	295.79	2
8473	C10H20O2	2-ethyloctanoic acid	25234-25-7	7.47530	2056.4810	184.618	132.97	294.36	2
8474	C10H20O2	3-ethyloctanoic acid	---	7.47530	2056.4810	184.618	132.97	294.36	2
8475	C10H20O2	4-ethyloctanoic acid	16493-80-4	7.47530	2056.4810	184.618	132.97	294.36	2
8476	C10H20O2	5-ethyloctanoic acid	---	7.47530	2056.4810	184.618	132.97	294.36	2
8477	C10H20O2	6-ethyloctanoic acid	---	7.47530	2056.4810	184.618	132.97	294.36	2
8478	C10H20O2	2-propylheptanoic acid	31080-39-4	7.62221	2116.9652	183.506	136.17	293.25	2
8479	C10H20O2	2,5-dimethyl-2-ethylhexanoic acid	26896-20-8	7.62221	2116.9652	183.506	136.17	293.25	2
8480	C10H20O2	tert-decanoic acid	52627-73-3	7.62221	2116.9652	183.506	136.17	293.25	2

Table 1 Vapor Pressure – Organic Compounds

log ₁₀ P = A - B/(T + C) (P - mmHg, T - C)									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
8481	C10H20O2	nonyl formate	5451-92-3	8.43888	2207.8329	194.626	102.17	225.35	2
8482	C10H20O2	1-methyloctyl formate	---	7.93828	2023.0378	197.406	94.17	227.92	2
8483	C10H20O2	2-methyloctyl formate	---	7.93828	2023.0378	197.406	94.17	227.92	2
8484	C10H20O2	3-methyloctyl formate	---	7.93828	2023.0378	197.406	94.17	227.92	2
8485	C10H20O2	4-methyloctyl formate	---	7.93828	2023.0378	197.406	94.17	227.92	2
8486	C10H20O2	5-methyloctyl formate	---	7.93828	2023.0378	197.406	94.17	227.92	2
8487	C10H20O2	6-methyloctyl formate	---	7.93828	2023.0378	197.406	94.17	227.92	2
8488	C10H20O2	7-methyloctyl formate	65155-46-6	7.93828	2023.0378	197.406	94.17	227.92	2
8489	C10H20O2	1,1-dimethylheptyl formate	---	7.50647	1863.1678	200.186	86.17	230.64	2
8490	C10H20O2	1,2-dimethylheptyl formate	---	7.50647	1863.1678	200.186	86.17	230.64	2
8491	C10H20O2	1,3-dimethylheptyl formate	---	7.50647	1863.1678	200.186	86.17	230.64	2
8492	C10H20O2	1,4-dimethylheptyl formate	---	7.50647	1863.1678	200.186	86.17	230.64	2
8493	C10H20O2	1,5-dimethylheptyl formate	---	7.50647	1863.1678	200.186	86.17	230.64	2
8494	C10H20O2	1,6-dimethylheptyl formate	---	7.50647	1863.1678	200.186	86.17	230.64	2
8495	C10H20O2	1-ethylheptyl formate	---	7.67187	1924.4629	199.074	89.37	229.53	2
8496	C10H20O2	2-ethylheptyl formate	94200-06-3	7.67187	1924.4629	199.074	89.37	229.53	2
8497	C10H20O2	3-ethylheptyl formate	---	7.67187	1924.4629	199.074	89.37	229.53	2
8498	C10H20O2	4-ethylheptyl formate	---	7.67187	1924.4629	199.074	89.37	229.53	2
8499	C10H20O2	5-ethylheptyl formate	---	7.67187	1924.4629	199.074	89.37	229.53	2
8500	C10H20O2	6-ethylheptyl formate	---	7.67187	1924.4629	199.074	89.37	229.53	2
8501	C10H20O2	octyl acetate	112-14-1	7.53004	1894.7191	197.684	92.47	238.06	1,2
8502	C10H20O2	1-methylheptyl acetate	2051-50-5	7.27473	1777.1573	201.854	81.37	232.35	2
8503	C10H20O2	2-methylheptyl acetate	74112-36-0	7.22850	1758.4558	201.854	80.47	232.69	2
8504	C10H20O2	3-methylheptyl acetate	72218-58-7	7.27473	1777.1573	201.854	81.37	232.35	2
8505	C10H20O2	4-methylheptyl acetate	---	7.27473	1777.1573	201.854	81.37	232.35	2
8506	C10H20O2	5-methylheptyl acetate	---	7.27473	1777.1573	201.854	81.37	232.35	2
8507	C10H20O2	6-methylheptyl acetate	31565-19-2	7.27473	1777.1573	201.854	81.37	232.35	2
8508	C10H20O2	6-methyl-3-heptyl acetate	32764-34-4	6.86974	1624.9994	204.773	72.07	235.86	2
8509	C10H20O2	1,1-dimethylhexyl acetate	---	6.92677	1647.6666	204.634	73.37	235.34	2
8510	C10H20O2	1,2-dimethylhexyl acetate	---	6.92677	1647.6666	204.634	73.37	235.34	2
8511	C10H20O2	1,3-dimethylhexyl acetate	---	6.92677	1647.6666	204.634	73.37	235.34	2
8512	C10H20O2	1,4-dimethylhexyl acetate	---	6.92677	1647.6666	204.634	73.37	235.34	2
8513	C10H20O2	1,5-dimethylhexyl acetate	67952-57-2	6.95091	1655.2350	204.078	74.07	235.09	2
8514	C10H20O2	3,4-dimethylhexyl acetate	108419-32-5	6.92677	1647.6666	204.634	73.37	235.34	2
8515	C10H20O2	1-ethylhexyl acetate	4864-61-3	6.99287	1672.3004	204.078	74.97	234.73	2
8516	C10H20O2	2-ethylhexyl acetate	103-09-3	7.54850	1865.1064	200.528	84.29	226.60	1,2
8517	C10H20O2	3-ethylhexyl acetate	---	7.06065	1697.5422	203.522	76.57	234.12	2
8518	C10H20O2	4-ethylhexyl acetate	---	7.06065	1697.5422	203.522	76.57	234.12	2
8519	C10H20O2	5-ethylhexyl acetate	---	7.06065	1697.5422	203.522	76.57	234.12	2
8520	C10H20O2	heptyl propanoate	2216-81-1	7.45663	1865.6697	197.684	91.27	238.75	1,2
8521	C10H20O2	1-methylhexyl propanoate	---	7.35806	1804.6353	200.464	83.37	231.66	2
8522	C10H20O2	2-methylhexyl propanoate	---	7.35806	1804.6353	200.464	83.37	231.66	2
8523	C10H20O2	3-methylhexyl propanoate	---	7.35806	1804.6353	200.464	83.37	231.66	2
8524	C10H20O2	4-methylhexyl propanoate	---	7.35806	1804.6353	200.464	83.37	231.66	2
8525	C10H20O2	5-methylhexyl propanoate	---	7.35806	1804.6353	200.464	83.37	231.66	2
8526	C10H20O2	1,1-dimethylpentyl propanoate	---	6.99938	1671.5138	203.244	75.37	234.61	2
8527	C10H20O2	1,2-dimethylpentyl propanoate	---	6.99938	1671.5138	203.244	75.37	234.61	2
8528	C10H20O2	1,3-dimethylpentyl propanoate	---	6.99938	1671.5138	203.244	75.37	234.61	2
8529	C10H20O2	1,4-dimethylpentyl propanoate	---	6.99938	1671.5138	203.244	75.37	234.61	2
8530	C10H20O2	1-ethylpentyl propanoate	---	7.13730	1722.7545	202.132	78.57	233.41	2
8531	C10H20O2	2-ethylpentyl propanoate	---	7.13730	1722.7545	202.132	78.57	233.41	2
8532	C10H20O2	3-ethylpentyl propanoate	---	7.13730	1722.7545	202.132	78.57	233.41	2
8533	C10H20O2	4-ethylpentyl propanoate	---	7.13730	1722.7545	202.132	78.57	233.41	2
8534	C10H20O2	hexyl butanoate	2639-63-6	7.52117	1871.6435	198.240	88.77	233.08	1,2
8535	C10H20O2	1-methylpentyl butanoate	6963-52-6	7.28252	1776.6370	201.020	81.77	232.23	2
8536	C10H20O2	1-methylpentyl butanoate, (S)	116723-96-7	7.28252	1776.6370	201.020	81.77	232.23	2
8537	C10H20O2	2-methylpentyl butanoate	---	7.28252	1776.6370	201.020	81.77	232.23	2
8538	C10H20O2	3-methylpentyl butanoate	84254-83-1	7.28252	1776.6370	201.020	81.77	232.23	2
8539	C10H20O2	4-methylpentyl butanoate	---	7.28252	1776.6370	201.020	81.77	232.23	2
8540	C10H20O2	1,1-dimethylbutyl butanoate	---	6.93299	1646.8226	203.800	73.77	235.22	2
8541	C10H20O2	1,2-dimethylbutyl butanoate	---	6.93299	1646.8226	203.800	73.77	235.22	2
8542	C10H20O2	1,3-dimethylbutyl butanoate	---	6.93299	1646.8226	203.800	73.77	235.22	2
8543	C10H20O2	1-ethylbutyl butanoate	---	7.06746	1696.8166	202.688	76.97	234.00	2
8544	C10H20O2	2-ethylbutyl butanoate	74398-53-1	7.06746	1696.8166	202.688	76.97	234.00	2
8545	C10H20O2	3-ethylbutyl butanoate	84254-83-1	7.06746	1696.8166	202.688	76.97	234.00	2
8546	C10H20O2	hexyl isobutanoate	2349-07-7	7.28252	1776.6370	201.020	81.77	232.23	2
8547	C10H20O2	1-methylpentyl isobutanoate	---	6.93299	1646.8226	203.800	73.77	235.22	2
8548	C10H20O2	2-methylpentyl isobutanoate	---	6.93299	1646.8226	203.800	73.77	235.22	2
8549	C10H20O2	3-methylpentyl isobutanoate	84254-82-0	6.93299	1646.8226	203.800	73.77	235.22	2
8550	C10H20O2	4-methylpentyl isobutanoate	35852-44-9	6.93299	1646.8226	203.800	73.77	235.22	2
8551	C10H20O2	1,1-dimethylbutyl isobutanoate	---	6.62433	1531.7884	206.580	65.77	238.39	2
8552	C10H20O2	1,2-dimethylbutyl isobutanoate	---	6.62433	1531.7884	206.580	65.77	238.39	2
8553	C10H20O2	1,3-dimethylbutyl isobutanoate	---	6.62433	1531.7884	206.580	65.77	238.39	2
8554	C10H20O2	1-ethylbutyl isobutanoate	---	6.74336	1576.1983	205.468	68.97	237.10	2
8555	C10H20O2	2-ethylbutyl isobutanoate	---	6.74336	1576.1983	205.468	68.97	237.10	2
8556	C10H20O2	3-ethylbutyl isobutanoate	---	6.74336	1576.1983	205.468	68.97	237.10	2
8557	C10H20O2	pentyl pentanoate	2173-56-0	7.32482	1801.0907	199.436	85.33	235.30	1,2
8558	C10H20O2	1-methylbutyl pentanoate	---	7.12671	1718.8224	202.216	78.33	233.50	2
8559	C10H20O2	2-methylbutyl pentanoate	55590-83-5	7.12671	1718.8224	202.216	78.33	233.50	2
8560	C10H20O2	3-methylbutyl pentanoate	2050-09-1	7.12671	1718.8224	202.216	78.33	233.50	2

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mmHg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
8561	C10H20O2	1,1-dimethylpropyl pentanoate	---	6.77401	1587.6249	205.190	69.77	236.78	2
8562	C10H20O2	1,2-dimethylpropyl pentanoate	---	6.77401	1587.6249	205.190	69.77	236.78	2
8563	C10H20O2	1-ethylpropyl pentanoate	---	6.90041	1634.6992	204.078	72.97	235.53	2
8564	C10H20O2	2-ethylpropyl pentanoate	---	6.90041	1634.6992	204.078	72.97	235.53	2
8565	C10H20O2	pentyl isopentanoate	---	7.12671	1718.8224	202.216	78.33	233.50	2
8566	C10H20O2	1-methylbutyl isopentanoate	---	6.79569	1595.7032	204.996	70.33	236.56	2
8567	C10H20O2	2-methylbutyl isopentanoate	2445-77-4	6.79569	1595.7032	204.996	70.33	236.56	2
8568	C10H20O2	3-methylbutyl isopentanoate	659-70-1	7.54123	1829.5973	202.132	77.57	217.56	1,2
8569	C10H20O2	1,1-dimethylpropyl isopentanoate	542-37-0	6.45804	1468.2203	207.831	61.17	240.32	2
8570	C10H20O2	1,2-dimethylpropyl isopentanoate	---	6.48315	1479.0269	207.970	61.77	240.04	2
8571	C10H20O2	1-ethylpropyl isopentanoate	---	6.59544	1520.9987	206.858	64.97	238.71	2
8572	C10H20O2	2-ethylpropyl isopentanoate	---	6.59544	1520.9987	206.858	64.97	238.71	2
8573	C10H20O2	pentyl sec-pentanoate	---	7.12671	1718.8224	202.216	78.33	233.50	2
8574	C10H20O2	1-methylbutyl sec-pentanoate	---	6.79569	1595.7032	204.996	70.33	236.56	2
8575	C10H20O2	2-methylbutyl sec-pentanoate	---	6.79569	1595.7032	204.996	70.33	236.56	2
8576	C10H20O2	3-methylbutyl sec-pentanoate	---	6.79569	1595.7032	204.996	70.33	236.56	2
8577	C10H20O2	1,1-dimethylpropyl sec-pentanoate	---	6.48315	1479.0269	207.970	61.77	240.04	2
8578	C10H20O2	1,2-dimethylpropyl sec-pentanoate	---	6.48315	1479.0269	207.970	61.77	240.04	2
8579	C10H20O2	1-ethylpropyl sec-pentanoate	---	6.59544	1520.9987	206.858	64.97	238.71	2
8580	C10H20O2	2-ethylpropyl sec-pentanoate	---	6.59544	1520.9987	206.858	64.97	238.71	2
8581	C10H20O2	pentyl tert-pentanoate	---	6.79569	1595.7032	204.996	70.33	236.56	2
8582	C10H20O2	1-methylbutyl tert-pentanoate	---	6.50243	1486.2382	207.776	62.33	239.81	2
8583	C10H20O2	2-methylbutyl tert-pentanoate	---	6.50243	1486.2382	207.776	62.33	239.81	2
8584	C10H20O2	3-methylbutyl tert-pentanoate	---	6.50243	1486.2382	207.776	62.33	239.81	2
8585	C10H20O2	1,1-dimethylpropyl tert-pentanoate	---	6.22356	1381.7366	210.750	53.77	243.51	2
8586	C10H20O2	1,2-dimethylpropyl tert-pentanoate	---	6.22356	1381.7366	210.750	53.77	243.51	2
8587	C10H20O2	1-ethylpropyl tert-pentanoate	---	6.32397	1419.4151	209.638	56.97	242.10	2
8588	C10H20O2	2-ethylpropyl tert-pentanoate	---	6.32397	1419.4151	209.638	56.97	242.10	2
8589	C10H20O2	butyl hexanoate	626-82-4	7.41820	1842.0895	198.240	88.77	236.59	1,2
8590	C10H20O2	isobutyl hexanoate	105-79-3	6.03076	1301.8104	213.280	45.49	243.67	1,2
8591	C10H20O2	isobutyl 4-methylpentanoate	25415-70-7	6.41762	1453.1051	208.248	59.97	240.83	2
8592	C10H20O2	propyl heptanoate	7778-87-2	7.41059	1839.9040	198.240	88.77	236.85	1,2
8593	C10H20O2	ethyl 2-ethylhexanoate	2983-37-1	7.38029	1812.8710	200.303	83.83	231.49	2
8594	C10H20O2	ethyl octanoate	106-32-1	7.46432	1857.0137	198.101	89.17	235.53	1,2
8595	C10H20O2	methyl nonanoate	1731-84-6	7.40991	1858.1132	196.711	93.17	242.76	1,2
8596	C10H20O4	diethylene glycol monobutyl ether acetate	124-17-4	8.21721	2638.3475	249.106	116.46	274.86	1,2
8597	C10H20S	thiacycloundecane	408-32-2	6.50673	1644.1143	190.740	107.82	303.75	3
8598	C10H21Br	1-bromodecane	112-29-8	7.68499	2052.4745	189.178	117.85	266.61	1,2
8599	C10H21Br	2-bromodecane	39563-53-6	7.52188	1968.3519	191.958	109.85	261.58	2
8600	C10H21Br	3-bromodecane	---	7.52188	1968.3519	191.958	109.85	261.58	2
8601	C10H21Br	4-bromodecane	---	7.52188	1968.3519	191.958	109.85	261.58	2
8602	C10H21Br	5-bromodecane	---	7.52188	1968.3519	191.958	109.85	261.58	2
8603	C10H21Br	1-bromo-2-methylnonane	---	7.52188	1968.3519	191.958	109.85	261.58	2
8604	C10H21Br	1-bromo-3-methylnonane	---	7.52188	1968.3519	191.958	109.85	261.58	2
8605	C10H21Br	1-bromo-4-methylnonane	---	7.52188	1968.3519	191.958	109.85	261.58	2
8606	C10H21Br	1-bromo-5-methylnonane	---	7.52188	1968.3519	191.958	109.85	261.58	2
8607	C10H21Br	1-bromo-6-methylnonane	---	7.52188	1968.3519	191.958	109.85	261.58	2
8608	C10H21Br	1-bromo-7-methylnonane	---	7.52188	1968.3519	191.958	109.85	261.58	2
8609	C10H21Br	1-bromo-8-methylnonane	---	7.52188	1968.3519	191.958	109.85	261.58	2
8610	C10H21Br	2-bromo-2-methylnonane	---	7.16161	1827.4561	194.738	101.85	264.45	2
8611	C10H21Br	2-bromo-3-methylnonane	---	7.16161	1827.4561	194.738	101.85	264.45	2
8612	C10H21Br	2-bromo-4-methylnonane	---	7.16161	1827.4561	194.738	101.85	264.45	2
8613	C10H21Br	2-bromo-5-methylnonane	---	7.16161	1827.4561	194.738	101.85	264.45	2
8614	C10H21Br	2-bromo-6-methylnonane	---	7.16161	1827.4561	194.738	101.85	264.45	2
8615	C10H21Br	2-bromo-7-methylnonane	---	7.16161	1827.4561	194.738	101.85	264.45	2
8616	C10H21Br	2-bromo-8-methylnonane	---	7.16161	1827.4561	194.738	101.85	264.45	2
8617	C10H21Br	3-bromo-2-methylnonane	---	7.16161	1827.4561	194.738	101.85	264.45	2
8618	C10H21Br	3-bromo-3-methylnonane	---	7.16161	1827.4561	194.738	101.85	264.45	2
8619	C10H21Br	3-bromo-4-methylnonane	---	7.16161	1827.4561	194.738	101.85	264.45	2
8620	C10H21Br	3-bromo-5-methylnonane	---	7.16161	1827.4561	194.738	101.85	264.45	2
8621	C10H21Br	3-bromo-6-methylnonane	---	7.16161	1827.4561	194.738	101.85	264.45	2
8622	C10H21Br	3-bromo-7-methylnonane	---	7.16161	1827.4561	194.738	101.85	264.45	2
8623	C10H21Br	3-bromo-8-methylnonane	---	7.16161	1827.4561	194.738	101.85	264.45	2
8624	C10H21Cl	1-chlorodecane	1002-69-3	7.75325	2028.2595	193.272	107.07	250.41	1,2
8625	C10H21Cl	2-chlorodecane	---	7.19148	1821.0278	196.052	98.07	258.11	2
8626	C10H21Cl	3-chlorodecane	---	7.19148	1821.0278	196.052	98.07	258.11	2
8627	C10H21Cl	4-chlorodecane	---	7.19148	1821.0278	196.052	98.07	258.11	2
8628	C10H21Cl	5-chlorodecane	---	7.19148	1821.0278	196.052	98.07	258.11	2
8629	C10H21Cl	1-chloro-2-methylnonane	---	7.19597	1822.7693	196.016	98.17	258.07	2
8630	C10H21Cl	1-chloro-3-methylnonane	---	7.19597	1822.7693	196.016	98.17	258.07	2
8631	C10H21Cl	1-chloro-4-methylnonane	---	7.19597	1822.7693	196.016	98.17	258.07	2
8632	C10H21Cl	1-chloro-5-methylnonane	---	7.19597	1822.7693	196.016	98.17	258.07	2
8633	C10H21Cl	1-chloro-6-methylnonane	---	7.19597	1822.7693	196.016	98.17	258.07	2
8634	C10H21Cl	1-chloro-7-methylnonane	---	7.19597	1822.7693	196.016	98.17	258.07	2
8635	C10H21Cl	1-chloro-8-methylnonane	---	7.19597	1822.7693	196.016	98.17	258.07	2
8636	C10H21Cl	2-chloro-2-methylnonane	---	6.87048	1696.3722	198.796	90.17	261.09	2
8637	C10H21Cl	2-chloro-3-methylnonane	---	6.87048	1696.3722	198.796	90.17	261.09	2
8638	C10H21Cl	2-chloro-4-methylnonane	---	6.87048	1696.3722	198.796	90.17	261.09	2
8639	C10H21Cl	2-chloro-5-methylnonane	---	6.87048	1696.3722	198.796	90.17	261.09	2
8640	C10H21Cl	2-chloro-6-methylnonane	---	6.87048	1696.3722	198.796	90.17	261.09	2

Table 1 Vapor Pressure – Organic Compounds

log ₁₀ P = A - B/(T + C) (P - mmHg, T - C)									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
8641	C10H21Cl	2-chloro-7-methylnonane	---	6.87048	1696.3722	198.796	90.17	261.09	2
8642	C10H21Cl	2-chloro-8-methylnonane	---	6.87048	1696.3722	198.796	90.17	261.09	2
8643	C10H21Cl	3-chloro-2-methylnonane	---	6.87048	1696.3722	198.796	90.17	261.09	2
8644	C10H21Cl	3-chloro-3-methylnonane	---	6.87048	1696.3722	198.796	90.17	261.09	2
8645	C10H21Cl	3-chloro-4-methylnonane	---	6.87048	1696.3722	198.796	90.17	261.09	2
8646	C10H21Cl	3-chloro-5-methylnonane	---	6.87048	1696.3722	198.796	90.17	261.09	2
8647	C10H21Cl	3-chloro-6-methylnonane	---	6.87048	1696.3722	198.796	90.17	261.09	2
8648	C10H21Cl	3-chloro-7-methylnonane	---	6.87048	1696.3722	198.796	90.17	261.09	2
8649	C10H21Cl	3-chloro-8-methylnonane	---	6.87048	1696.3722	198.796	90.17	261.09	2
8650	C10H21F	1-fluorodecane	334-56-5	7.28253	1719.0923	204.301	69.33	214.92	1,2
8651	C10H21F	1-fluorodecane	---	6.53931	1486.2331	207.136	61.17	235.53	2
8652	C10H21F	2-fluorodecane	---	6.53931	1486.2331	207.136	61.17	235.53	2
8653	C10H21F	3-fluorodecane	---	6.53931	1486.2331	207.136	61.17	235.53	2
8654	C10H21F	4-fluorodecane	---	6.53931	1486.2331	207.136	61.17	235.53	2
8655	C10H21F	5-fluorodecane	---	6.53931	1486.2331	207.136	61.17	235.53	2
8656	C10H21F	1-fluoro-2-methylnonane	---	6.53931	1486.2331	207.136	61.17	235.53	2
8657	C10H21F	1-fluoro-3-methylnonane	---	6.53931	1486.2331	207.136	61.17	235.53	2
8658	C10H21F	1-fluoro-4-methylnonane	---	6.53931	1486.2331	207.136	61.17	235.53	2
8659	C10H21F	1-fluoro-5-methylnonane	---	6.53931	1486.2331	207.136	61.17	235.53	2
8660	C10H21F	1-fluoro-6-methylnonane	---	6.53931	1486.2331	207.136	61.17	235.53	2
8661	C10H21F	1-fluoro-7-methylnonane	---	6.53931	1486.2331	207.136	61.17	235.53	2
8662	C10H21F	1-fluoro-8-methylnonane	---	6.27148	1386.8551	209.916	53.17	238.96	2
8663	C10H21F	2-fluoro-2-methylnonane	---	6.27148	1386.8551	209.916	53.17	238.96	2
8664	C10H21F	2-fluoro-3-methylnonane	---	6.27148	1386.8551	209.916	53.17	238.96	2
8665	C10H21F	2-fluoro-4-methylnonane	---	6.27148	1386.8551	209.916	53.17	238.96	2
8666	C10H21F	2-fluoro-5-methylnonane	---	6.27148	1386.8551	209.916	53.17	238.96	2
8667	C10H21F	2-fluoro-6-methylnonane	---	6.27148	1386.8551	209.916	53.17	238.96	2
8668	C10H21F	2-fluoro-7-methylnonane	---	6.27148	1386.8551	209.916	53.17	238.96	2
8669	C10H21F	2-fluoro-8-methylnonane	---	6.27148	1386.8551	209.916	53.17	238.96	2
8670	C10H21F	3-fluoro-2-methylnonane	---	6.27148	1386.8551	209.916	53.17	238.96	2
8671	C10H21F	3-fluoro-3-methylnonane	---	6.27148	1386.8551	209.916	53.17	238.96	2
8672	C10H21F	3-fluoro-4-methylnonane	---	6.27148	1386.8551	209.916	53.17	238.96	2
8673	C10H21F	3-fluoro-5-methylnonane	---	6.27148	1386.8551	209.916	53.17	238.96	2
8674	C10H21F	3-fluoro-6-methylnonane	---	6.27148	1386.8551	209.916	53.17	238.96	2
8675	C10H21F	3-fluoro-7-methylnonane	---	6.27148	1386.8551	209.916	53.17	238.96	2
8676	C10H21F	3-fluoro-8-methylnonane	---	6.27148	1386.8551	209.916	53.17	238.96	2
8677	C10H21I	1-iododecane	2050-77-3	6.84389	1835.4833	182.756	131.33	318.46	1,2
8678	C10H21I	2-iododecane	---	7.54091	2017.8735	185.730	122.77	277.18	2
8679	C10H21I	3-iododecane	---	7.54091	2017.8735	185.730	122.77	277.18	2
8680	C10H21I	4-iododecane	---	7.54091	2017.8735	185.730	122.77	277.18	2
8681	C10H21I	5-iododecane	---	7.54091	2017.8735	185.730	122.77	277.18	2
8682	C10H21I	1-iodo-2-methylnonane	---	7.54091	2017.8735	185.730	122.77	277.18	2
8683	C10H21I	1-iodo-3-methylnonane	---	7.54091	2017.8735	185.730	122.77	277.18	2
8684	C10H21I	1-iodo-4-methylnonane	---	7.54091	2017.8735	185.730	122.77	277.18	2
8685	C10H21I	1-iodo-5-methylnonane	---	7.54091	2017.8735	185.730	122.77	277.18	2
8686	C10H21I	1-iodo-6-methylnonane	---	7.54091	2017.8735	185.730	122.77	277.18	2
8687	C10H21I	1-iodo-7-methylnonane	---	7.54091	2017.8735	185.730	122.77	277.18	2
8688	C10H21I	1-iodo-8-methylnonane	---	7.54091	2017.8735	185.730	122.77	277.18	2
8689	C10H21I	2-iodo-2-methylnonane	---	7.18548	1875.9341	188.510	114.77	280.05	2
8690	C10H21I	2-iodo-3-methylnonane	---	7.18548	1875.9341	188.510	114.77	280.05	2
8691	C10H21I	2-iodo-4-methylnonane	---	7.18548	1875.9341	188.510	114.77	280.05	2
8692	C10H21I	2-iodo-5-methylnonane	---	7.18548	1875.9341	188.510	114.77	280.05	2
8693	C10H21I	2-iodo-6-methylnonane	---	7.18548	1875.9341	188.510	114.77	280.05	2
8694	C10H21I	2-iodo-7-methylnonane	---	7.18548	1875.9341	188.510	114.77	280.05	2
8695	C10H21I	2-iodo-8-methylnonane	---	7.18548	1875.9341	188.510	114.77	280.05	2
8696	C10H21I	3-iodo-2-methylnonane	---	7.18548	1875.9341	188.510	114.77	280.05	2
8697	C10H21I	3-iodo-3-methylnonane	---	7.18548	1875.9341	188.510	114.77	280.05	2
8698	C10H21I	3-iodo-4-methylnonane	---	7.18548	1875.9341	188.510	114.77	280.05	2
8699	C10H21I	3-iodo-5-methylnonane	---	7.18548	1875.9341	188.510	114.77	280.05	2
8700	C10H21I	3-iodo-6-methylnonane	---	7.18548	1875.9341	188.510	114.77	280.05	2
8701	C10H21I	3-iodo-7-methylnonane	---	7.18548	1875.9341	188.510	114.77	280.05	2
8702	C10H21I	3-iodo-8-methylnonane	---	7.18548	1875.9341	188.510	114.77	280.05	2
8703	C10H21N	cyclohexyldiethylamine	91-65-6	7.09505	1674.0560	202.688	71.97	225.11	1,2
8704	C10H21N	N,α-dimethylcyclohexaneethanamine	101-40-6	7.05687	1704.6725	199.074	82.37	240.84	2
8705	C10H21N	1,2,2,6,6-pentamethylpiperidine	79-55-0	5.98089	1248.5524	215.198	35.47	230.86	1,2
8706	C10H21N	1-pentylpiperidine	10324-58-0	7.16535	1710.2348	200.965	76.43	228.36	1,2
8707	C10H21N	N-tert-butylcyclohexylamine	51609-06-4	6.14898	1363.1417	207.970	56.77	251.44	2
8708	C10H21NO	N,N-dibutylacetamide	1563-90-2	8.08035	2221.2293	186.147	127.57	267.30	2
8709	C10H21NO2	1-nitrodecane	4609-87-4	7.24069	1980.0853	182.116	135.17	305.73	2
8710	C10H21NO3	decyl nitrate	2050-78-4	6.58419	1646.4971	193.000	101.85	290.93	2
8711	C10H22	decane	124-18-5	7.22035	1694.6279	216.459	55.97	203.16	1,2
8712	C10H22	2-methylnonane	871-83-0	7.12921	1599.7485	209.553	51.45	195.72	1,2
8713	C10H22	3-methylnonane	5911-04-6	7.17549	1649.3318	216.241	50.84	196.75	1,2
8714	C10H22	4-methylnonane	17301-94-9	7.26574	1726.1562	227.957	47.53	194.72	1,2
8715	C10H22	5-methylnonane	15869-85-9	7.17032	1641.1357	217.443	48.53	194.03	1,2
8716	C10H22	2,2-dimethyloctane	15869-87-1	7.12586	1602.0606	220.495	41.03	185.70	1,2
8717	C10H22	2,3-dimethyloctane	7146-60-3	7.06006	1565.5059	210.271	48.06	193.40	1,2
8718	C10H22	2,4-dimethyloctane	4032-94-4	7.02299	1501.2548	206.532	42.72	184.30	1,2
8719	C10H22	2,5-dimethyloctane	15869-89-3	7.05776	1538.0870	209.733	44.17	187.10	1,2
8720	C10H22	2,6-dimethyloctane	2051-30-1	7.16278	1617.8748	217.454	45.07	188.95	1,2

Table 1 Vapor Pressure – Organic Compounds

log ₁₀ P = A - B/(T + C) (P - mmHg, T - C)									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
8721	C10H22	2,7-dimethyloctane	1072-16-8	7.01159	1499.4611	203.117	46.31	188.41	1,2
8722	C10H22	3,3-dimethyloctane	4110-44-5	7.03178	1546.9455	211.461	45.00	190.35	1,2
8723	C10H22	3,4-dimethyloctane	15869-92-8	7.06886	1571.9518	211.933	47.09	192.48	1,2
8724	C10H22	3,5-dimethyloctane	15869-93-9	7.06509	1552.3799	211.593	44.36	188.17	1,2
8725	C10H22	3,6-dimethyloctane	15869-94-0	7.04102	1535.7031	208.331	45.88	189.60	1,2
8726	C10H22	4,4-dimethyloctane	15869-95-1	7.02474	1530.7580	211.888	42.19	186.45	1,2
8727	C10H22	4,5-dimethyloctane	15869-96-2	7.07898	1576.6346	213.413	45.95	191.15	1,2
8728	C10H22	2,2,3-trimethylheptane	52896-92-1	6.98152	1511.3193	210.941	41.72	186.81	1,2
8729	C10H22	2,2,4-trimethylheptane	14720-74-2	6.96492	1462.8763	209.877	35.37	176.81	1,2
8730	C10H22	2,2,5-trimethylheptane	20291-95-6	6.96153	1468.3011	209.004	37.29	179.47	1,2
8731	C10H22	2,2,6-trimethylheptane	1190-83-6	6.92245	1424.0060	203.394	37.05	177.29	1,2
8732	C10H22	2,3,3-trimethylheptane	52896-93-2	6.99216	1531.9612	212.408	43.25	189.65	1,2
8733	C10H22	2,3,4-trimethylheptane	52896-95-4	7.03388	1550.6796	213.471	43.52	189.09	1,2
8734	C10H22	2,3,5-trimethylheptane	20278-85-7	7.06065	1577.5677	216.713	43.58	190.00	1,2
8735	C10H22	2,3,6-trimethylheptane	4032-93-3	6.99790	1501.7382	208.748	41.63	184.78	1,2
8736	C10H22	2,4,4-trimethylheptane	4032-92-2	6.99734	1501.6735	213.781	36.61	179.79	1,2
8737	C10H22	2,4,5-trimethylheptane	20278-84-6	7.02361	1528.4981	212.444	41.31	185.42	1,2
8738	C10H22	2,4,6-trimethylheptane	2613-61-8	6.97160	1445.5863	205.766	36.31	175.68	1,2
8739	C10H22	2,5,5-trimethylheptane	1189-99-7	6.96672	1480.7501	209.595	38.57	181.63	1,2
8740	C10H22	3,3,4-trimethylheptane	20278-87-9	7.00517	1552.2577	214.453	44.03	191.54	1,2
8741	C10H22	3,3,5-trimethylheptane	7154-80-5	7.05926	1554.9958	216.447	40.18	184.59	1,2
8742	C10H22	3,4,4-trimethylheptane	20278-88-0	7.01159	1554.9593	215.323	43.34	190.70	1,2
8743	C10H22	3,4,5-trimethylheptane	20278-89-1	7.12971	1626.1669	220.217	45.08	191.69	1,2
8744	C10H22	2,2,3,3-tetramethylhexane	13475-81-5	7.05895	1581.6209	218.217	42.82	189.72	1,2
8745	C10H22	2,2,3,4-tetramethylhexane	52897-08-2	6.98343	1543.3527	217.378	40.56	188.60	1,2
8746	C10H22	2,2,3,5-tetramethylhexane	52897-09-3	6.91187	1438.4234	208.425	34.89	177.21	1,2
8747	C10H22	2,2,4,4-tetramethylhexane	51750-65-3	7.02641	1579.5254	227.203	34.90	183.64	1,2
8748	C10H22	2,2,4,5-tetramethylhexane	16747-42-5	6.94875	1468.8955	213.201	33.72	176.75	1,2
8749	C10H22	2,2,5,5-tetramethylhexane	1071-81-4	6.94252	1408.2935	209.264	27.72	165.21	1,2
8750	C10H22	2,3,3,4-tetramethylhexane	52897-10-6	6.98015	1562.4524	216.548	44.73	194.81	1,2
8751	C10H22	2,3,3,5-tetramethylhexane	52897-11-7	6.94751	1488.3047	212.864	37.38	182.37	1,2
8752	C10H22	2,3,4,4-tetramethylhexane	52897-12-8	6.98091	1552.9929	217.160	42.50	191.62	1,2
8753	C10H22	2,3,4,5-tetramethylhexane	52897-15-1	6.97175	1504.0869	211.454	40.41	185.41	1,2
8754	C10H22	3,3,4,4-tetramethylhexane	5171-84-6	6.98334	1603.3997	220.822	47.16	200.96	1,2
8755	C10H22	2,2,3,3,4-pentamethylpentane	16747-44-7	6.93195	1548.6443	216.214	44.85	196.75	1,2
8756	C10H22	2,2,3,4,4-pentamethylpentane	16747-45-8	6.95046	1544.8542	220.304	39.32	189.62	1,2
8757	C10H22	3-ethyloctane	5881-17-4	7.11666	1601.7952	211.642	50.23	195.44	1,2
8758	C10H22	4-ethyloctane	15869-86-0	7.12109	1599.2196	213.500	47.76	192.47	1,2
8759	C10H22	4-propylheptane	3178-29-8	7.08282	1541.6655	209.378	44.07	185.82	1,2
8760	C10H22	4-isopropylheptane	52896-87-4	7.07960	1568.3343	214.611	43.36	187.76	1,2
8761	C10H22	3-ethyl-2-methylheptane	14676-29-0	7.07029	1568.6372	213.214	45.20	190.20	1,2
8762	C10H22	4-ethyl-2-methylheptane	52896-88-5	7.07590	1550.6043	213.414	41.79	184.78	1,2
8763	C10H22	5-ethyl-2-methylheptane	13475-78-0	7.06932	1557.1568	212.059	44.50	188.50	1,2
8764	C10H22	3-ethyl-3-methylheptane	17302-01-1	7.05165	1581.4805	215.366	45.96	193.31	1,2
8765	C10H22	4-ethyl-3-methylheptane	52896-89-6	7.09069	1591.9861	215.945	45.43	191.33	1,2
8766	C10H22	3-ethyl-5-methylheptane	52896-90-9	7.04659	1535.3884	210.362	43.56	186.92	1,2
8767	C10H22	3-ethyl-4-methylheptane	52896-91-0	7.08435	1589.6138	215.151	46.11	192.18	1,2
8768	C10H22	4-ethyl-4-methylheptane	17302-04-4	7.05163	1570.2301	215.670	43.80	190.10	1,2
8769	C10H22	3-isopropyl-2-methylhexane	62016-13-1	7.16708	1703.4922	230.720	45.50	196.73	1,2
8770	C10H22	3,3-diethylhexane	17302-02-2	7.06458	1606.7305	217.729	47.21	196.08	1,2
8771	C10H22	3,4-diethylhexane	19398-77-7	7.10466	1613.6055	218.113	46.21	193.23	1,2
8772	C10H22	3-ethyl-2,2-dimethylhexane	20291-91-2	6.99962	1527.8376	214.832	39.82	185.36	1,2
8773	C10H22	4-ethyl-2,2-dimethylhexane	52896-99-8	6.97668	1468.7019	211.571	34.17	175.45	1,2
8774	C10H22	3-ethyl-2,3-dimethylhexane	52897-00-4	7.01446	1569.3101	215.933	44.99	193.53	1,2
8775	C10H22	4-ethyl-2,3-dimethylhexane	52897-01-5	7.04818	1569.9910	215.824	43.76	190.24	1,2
8776	C10H22	3-ethyl-2,4-dimethylhexane	7220-26-0	7.05494	1572.8873	216.708	43.06	189.40	1,2
8777	C10H22	4-ethyl-2,4-dimethylhexane	52897-03-7	7.11162	1618.7443	221.499	43.36	190.42	1,2
8778	C10H22	3-ethyl-2,5-dimethylhexane	52897-04-8	7.03413	1529.4619	214.141	39.33	182.89	1,2
8779	C10H22	4-ethyl-3,3-dimethylhexane	52897-05-9	7.01947	1571.5825	216.822	44.26	192.70	1,2
8780	C10H22	3-ethyl-3,4-dimethylhexane	52897-06-0	7.02629	1574.7290	217.757	43.55	191.85	1,2
8781	C10H22	2,4-dimethyl-3-isopropylpentane	13475-79-1	6.97803	1512.8834	212.197	40.88	186.33	1,2
8782	C10H22	3,3-diethyl-2-methylpentane	52897-16-2	7.03691	1615.7721	219.062	48.59	200.07	1,2
8783	C10H22	3-ethyl-2,2,3-trimethylpentane	52897-17-3	6.99025	1608.6316	221.938	46.60	200.45	1,2
8784	C10H22	3-ethyl-2,2,4-trimethylpentane	52897-18-4	6.98282	1529.6815	217.601	38.08	184.84	1,2
8785	C10H22	3-ethyl-2,3,4-trimethylpentane	52897-19-5	7.02118	1619.0865	221.599	47.30	200.11	1,2
8786	C10H22O	1-decanol	112-30-1	7.94534	2145.9319	191.869	117.11	258.63	1,2
8787	C10H22O	n-decyl alcohol	36729-58-5	7.94534	2145.9319	191.869	117.11	258.63	1,2
8788	C10H22O	2-decanol	1120-06-5	8.28105	2196.7539	195.738	105.97	235.06	1,2
8789	C10H22O	2-decanol, (±)	74742-10-2	7.88449	2055.5464	197.406	101.17	239.70	2
8790	C10H22O	(S)-(+)-2-decanol	33758-16-6	7.88449	2055.5464	197.406	101.17	239.70	2
8791	C10H22O	3-decanol	1565-81-7	7.83383	2036.3175	197.726	100.25	240.00	2
8792	C10H22O	4-decanol	2051-31-2	7.96871	2077.0544	197.684	100.37	236.22	1,2
8793	C10H22O	5-decanol	5205-34-5	7.46990	1897.9847	200.186	93.17	242.44	2
8794	C10H22O	isodecanol	25339-17-7	8.30403	2214.5533	194.946	108.25	237.40	2
8795	C10H22O	2-methyl-1-nonanol	40589-14-8	7.98986	2127.1410	194.348	109.97	248.07	1,2
8796	C10H22O	4-methyl-1-nonanol	1489-47-0	8.11478	2142.8728	196.016	105.17	238.39	2
8797	C10H22O	5-methyl-1-nonanol	2768-16-3	8.01370	2104.5590	196.614	103.45	238.95	2
8798	C10H22O	7-methyl-1-nonanol	33234-93-4	8.01370	2104.5590	196.614	103.45	238.95	2
8799	C10H22O	8-methyl-1-nonanol	55505-26-5	8.30403	2214.5533	194.946	108.25	237.40	2
8800	C10H22O	3-methyl-1-nonanol	22663-64-5	8.01370	2104.5590	196.614	103.45	238.95	2

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mmHg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
8801	C10H22O	2-methyl-2-nonanol	10297-57-1	8.01370	2104.5590	196.614	103.45	238.95	2
8802	C10H22O	3-methyl-2-nonanol	60671-32-1	8.01370	2104.5590	196.614	103.45	238.95	2
8803	C10H22O	5-methyl-2-nonanol	66731-95-1	8.01370	2104.5590	196.614	103.45	238.95	2
8804	C10H22O	6-methyl-2-nonanol	66256-60-8	8.01370	2104.5590	196.614	103.45	238.95	2
8805	C10H22O	7-methyl-2-nonanol	66256-61-9	8.01370	2104.5590	196.614	103.45	238.95	2
8806	C10H22O	8-methyl-2-nonanol	14779-92-1	8.01370	2104.5590	196.614	103.45	238.95	2
8807	C10H22O	2-methyl-3-nonanol	26533-33-5	7.99484	2078.9987	198.129	99.09	233.83	1,2
8808	C10H22O	3-methyl-3-nonanol	21078-72-8	7.79044	2019.8441	198.004	99.45	240.27	2
8809	C10H22O	5-methyl-3-nonanol	66719-43-5	7.79044	2019.8441	198.004	99.45	240.27	2
8810	C10H22O	2-methyl-4-nonanol	26533-31-3	7.79044	2019.8441	198.004	99.45	240.27	2
8811	C10H22O	4-methyl-4-nonanol	23418-38-4	7.79044	2019.8441	198.004	99.45	240.27	2
8812	C10H22O	5-methyl-4-nonanol	66719-44-6	7.79044	2019.8441	198.004	99.45	240.27	2
8813	C10H22O	7-methyl-4-nonanol	26981-98-6	7.79044	2019.8441	198.004	99.45	240.27	2
8814	C10H22O	2-methyl-5-nonanol	29843-62-7	7.79044	2019.8441	198.004	99.45	240.27	2
8815	C10H22O	3-methyl-5-nonanol	66779-42-4	7.79044	2019.8441	198.004	99.45	240.27	2
8816	C10H22O	5-methyl-5-nonanol	33933-78-7	7.50886	1912.8115	199.908	93.97	242.15	2
8817	C10H22O	2-ethyl-1-octanol	20592-10-3	7.79044	2019.8441	198.004	99.45	240.27	2
8818	C10H22O	3-ethyl-1-octanol	66719-36-6	7.79044	2019.8441	198.004	99.45	240.27	2
8819	C10H22O	2,2-dimethyl-1-octanol	2370-14-1	7.99499	2077.5828	198.240	98.77	233.41	1,2
8820	C10H22O	2,6-dimethyl-1-octanol	62417-08-7	7.83383	2036.3175	197.726	100.25	240.00	2
8821	C10H22O	3,7-dimethyl-1-octanol	106-21-8	7.92923	2072.5199	197.128	101.97	239.43	2
8822	C10H22O	(R)-3,7-dimethyl-1-octanol	1117-60-8	7.99329	2093.6889	196.975	102.41	238.17	1,2
8823	C10H22O	s-3,7-dimethyl-1-octanol	68680-98-8	7.92248	2069.9587	197.170	101.85	239.47	2
8824	C10H22O	4,5-dimethyl-1-octanol	66719-32-2	7.92248	2069.9587	197.170	101.85	239.47	2
8825	C10H22O	4,6-dimethyl-1-octanol	66719-33-3	7.92248	2069.9587	197.170	101.85	239.47	2
8826	C10H22O	4,7-dimethyl-1-octanol	66719-34-4	7.92248	2069.9587	197.170	101.85	239.47	2
8827	C10H22O	7,7-dimethyl-1-octanol	66719-35-5	7.92248	2069.9587	197.170	101.85	239.47	2
8828	C10H22O	2,4-dimethyl-2-octanol	18675-20-2	7.92248	2069.9587	197.170	101.85	239.47	2
8829	C10H22O	2,6-dimethyl-2-octanol	18479-57-7	7.92248	2069.9587	197.170	101.85	239.47	2
8830	C10H22O	2,7-dimethyl-2-octanol	42007-73-8	7.92248	2069.9587	197.170	101.85	239.47	2
8831	C10H22O	3,7-dimethyl-2-octanol	15340-96-2	7.92248	2069.9587	197.170	101.85	239.47	2
8832	C10H22O	3-ethyl-3-octanol	2051-32-3	7.99842	2045.7256	200.742	91.57	223.98	1,2
8833	C10H22O	6-ethyl-3-octanol	19781-27-2	7.38786	1866.7505	200.784	91.45	243.04	2
8834	C10H22O	2,2-dimethyl-3-octanol	19841-72-6	7.20575	1797.3342	202.174	87.45	244.49	2
8835	C10H22O	2,3-dimethyl-3-octanol	19781-10-3	8.00234	2010.6843	203.495	83.65	213.62	1,2
8836	C10H22O	2,7-dimethyl-3-octanol	66719-55-9	7.21105	1799.3541	202.132	87.57	244.45	2
8837	C10H22O	3,5-dimethyl-3-octanol	56065-42-0	7.17071	1783.9638	202.452	86.65	244.78	2
8838	C10H22O	3,6-dimethyl-3-octanol	151-19-9	7.14127	1772.7275	202.688	85.97	245.04	2
8839	C10H22O	3,7-dimethyl-3-octanol	78-69-3	8.05530	2051.3020	201.576	89.17	219.34	1,2
8840	C10H22O	3-ethyl-4-octanol	63126-48-7	7.17071	1783.9638	202.452	86.65	244.78	2
8841	C10H22O	4-ethyl-4-octanol	38395-42-5	7.17071	1783.9638	202.452	86.65	244.78	2
8842	C10H22O	2,2-dimethyl-4-octanol	66719-52-6	7.07322	1746.7445	203.244	84.37	245.63	2
8843	C10H22O	2,4-dimethyl-4-octanol	33933-79-8	7.10193	1757.7102	203.008	85.05	245.38	2
8844	C10H22O	2,5-dimethyl-4-octanol	66719-53-7	7.10193	1757.7102	203.008	85.05	245.38	2
8845	C10H22O	2,6-dimethyl-4-octanol	66719-54-8	7.24660	1812.9163	201.854	88.37	244.15	2
8846	C10H22O	2,7-dimethyl-4-octanol	19781-11-4	7.50886	1912.8115	199.908	93.97	242.15	2
8847	C10H22O	3,4-dimethyl-4-octanol	66719-30-0	7.10193	1757.7102	203.008	85.05	245.38	2
8848	C10H22O	3,6-dimethyl-4-octanol	66719-31-1	7.10193	1757.7102	203.008	85.05	245.38	2
8849	C10H22O	4,6-dimethyl-4-octanol	56065-43-1	7.10193	1757.7102	203.008	85.05	245.38	2
8850	C10H22O	4,7-dimethyl-4-octanol	19781-13-6	8.00118	2020.9487	202.688	85.97	216.65	1,2
8851	C10H22O	2-propyl-1-heptanol	10042-59-8	8.20681	2177.7399	195.488	106.69	237.90	2
8852	C10H22O	3-isopropyl-1-heptanol	38514-15-7	8.07679	2128.4778	196.239	104.53	238.59	2
8853	C10H22O	2,4,6-trimethyl-2-heptanol	66256-47-1	7.17071	1783.9638	202.452	86.65	244.78	2
8854	C10H22O	2,5,6-trimethyl-2-heptanol	66256-48-2	8.00078	2024.4882	202.410	86.77	217.70	1,2
8855	C10H22O	4,6,6-trimethyl-2-heptanol	51079-79-9	7.17071	1783.9638	202.452	86.65	244.78	2
8856	C10H22O	2-methyl-3-ethyl-3-heptanol	66719-37-7	8.00078	2024.4882	202.410	86.77	217.70	1,2
8857	C10H22O	4-methyl-5-ethyl-3-heptanol	66731-94-0	7.17071	1783.9638	202.452	86.65	244.78	2
8858	C10H22O	5-methyl-3-ethyl-3-heptanol	---	7.17071	1783.9638	202.452	86.65	244.78	2
8859	C10H22O	2,2,3-trimethyl-3-heptanol	29772-40-5	6.94206	1696.6151	204.356	81.17	246.84	2
8860	C10H22O	2,2,6-trimethyl-3-heptanol	66256-43-7	7.06818	1744.8210	203.286	84.25	245.68	2
8861	C10H22O	2,3,6-trimethyl-3-heptanol	58046-40-5	7.06818	1744.8210	203.286	84.25	245.68	2
8862	C10H22O	3,5,5-trimethyl-3-heptanol	66256-50-6	7.99736	2032.9947	201.688	88.85	220.49	1,2
8863	C10H22O	4-propyl-4-heptanol	2198-72-3	8.00039	2028.0277	202.132	87.57	218.75	1,2
8864	C10H22O	4-isopropyl-4-heptanol	51200-82-9	8.05093	2027.9472	203.244	84.37	213.25	1,2
8865	C10H22O	2,2,4-trimethyl-4-heptanol	57233-31-5	6.78678	1637.1751	205.746	77.17	248.40	2
8866	C10H22O	2,2,5-trimethyl-4-heptanol	66256-42-6	6.81253	1647.0395	205.510	77.85	248.13	2
8867	C10H22O	2,2,6-trimethyl-4-heptanol	66256-44-8	6.81253	1647.0395	205.510	77.85	248.13	2
8868	C10H22O	2,4,5-trimethyl-4-heptanol	66256-46-0	6.81253	1647.0395	205.510	77.85	248.13	2
8869	C10H22O	2,4,6-trimethyl-4-heptanol	60836-07-9	8.00278	1984.8570	205.468	77.97	206.25	1,2
8870	C10H22O	3,3,6-trimethyl-4-heptanol	---	6.81253	1647.0395	205.510	77.85	248.13	2
8871	C10H22O	4-methyl-2-propyl-1-hexanol	66256-62-0	7.97168	2070.6614	198.240	98.77	234.06	1,2
8872	C10H22O	4-methyl-2-isopropyl-1-hexanol	66719-41-3	7.97403	2045.8767	200.186	93.17	226.73	1,2
8873	C10H22O	5-methyl-2-isopropyl-1-hexanol	2051-33-4	8.06365	2116.4133	196.850	102.77	236.68	1,2
8874	C10H22O	5,5-dimethyl-2-ethyl-1-hexanol	---	7.96776	2087.1363	196.892	102.65	239.21	2
8875	C10H22O	2,3,4,4-tetramethyl-2-hexanol	66256-66-4	8.37380	2120.8091	203.244	84.37	205.24	1,2
8876	C10H22O	3,3,5,5-tetramethyl-2-hexanol	66256-69-7	7.06818	1744.8210	203.286	84.25	245.68	2
8877	C10H22O	2-methyl-3-isopropyl-3-hexanol	51200-81-8	8.41904	2141.5678	202.688	85.97	206.23	1,2
8878	C10H22O	2,2-dimethyl-4-ethyl-3-hexanol	66719-47-9	8.00319	2003.2515	204.078	81.97	211.42	1,2
8879	C10H22O	2,4-dimethyl-4-ethyl-3-hexanol	66719-48-0	6.96940	1707.0691	204.120	81.85	246.58	2
8880	C10H22O	5,5-dimethyl-3-ethyl-3-hexanol	5340-62-5	6.96940	1707.0691	204.120	81.85	246.58	2

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mmHg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
8881	C10H22O	2,2,3,4-tetramethyl-3-hexanol	66256-63-1	8.00843	2023.0427	202.688	85.97	216.46	1,2
8882	C10H22O	2,2,3,5-tetramethyl-3-hexanol	66256-64-2	9.53153	2677.9327	189.253	124.63	232.49	2
8883	C10H22O	2,2,4,4-tetramethyl-3-hexanol	66256-65-3	8.12612	2049.5752	203.244	84.37	211.29	1,2
8884	C10H22O	2,2,5,5-tetramethyl-3-hexanol	55073-86-4	8.01033	1943.0845	208.804	52.00	193.62	1,2
8885	C10H22O	2,3,4,4-tetramethyl-3-hexanol	66256-67-5	8.01431	2057.6929	200.186	93.17	225.62	1,2
8886	C10H22O	2,3,5,5-tetramethyl-3-hexanol	5396-09-8	7.50298	1910.5751	199.950	93.85	242.20	2
8887	C10H22O	2,4,4,5-tetramethyl-3-hexanol	66256-68-6	7.50298	1910.5751	199.950	93.85	242.20	2
8888	C10H22O	3,4,4,5-tetramethyl-3-hexanol	66256-39-1	7.99963	2057.0407	199.908	93.97	227.06	1,2
8889	C10H22O	3,4,5,5-tetramethyl-3-hexanol	66256-40-4	8.01685	2036.4600	201.854	88.37	219.34	1,2
8890	C10H22O	4-methyl-2-isobutyl-1-pentanol	22417-45-4	7.99650	2063.4239	199.352	95.57	229.22	1,2
8891	C10H22O	4,4-dimethyl-3-isopropyl-1-pentanol	66719-51-5	6.84316	1658.7684	205.232	78.65	247.82	2
8892	C10H22O	3,4-dimethyl-3-isopropyl-2-pentanol	66719-50-4	6.84316	1658.7684	205.232	78.65	247.82	2
8893	C10H22O	2,4-dimethyl-3-propyl-3-pentanol	---	6.87884	1672.4249	204.912	79.57	247.46	2
8894	C10H22O	2,4-dimethyl-3-isopropyl-3-pentanol	51200-83-0	8.00019	2029.7975	201.993	87.97	219.27	1,2
8895	C10H22O	2,2,4-trimethyl-3-ethyl-3-pentanol	66256-41-5	8.07520	2038.6229	202.966	85.17	213.64	1,2
8896	C10H22O	2,2,3,4,4-pentamethyl-3-pentanol	5857-69-2	8.00023	2029.4436	202.021	87.89	219.17	1,2
8897	C10H22O	2,3-dimethyl-2-tert-butyl-1-butanol	81931-81-9	7.17071	1783.9638	202.452	86.65	244.78	2
8898	C10H22O	3,7-dimethyl-3-octanol, (\pm)	57706-88-4	8.01140	2040.3673	201.437	89.57	221.04	1,2
8899	C10H22O	3,7-dimethyl-1-octanol, (\pm)	59204-02-3	7.99331	2093.5119	196.989	102.37	238.12	1,2
8900	C10H22O	3-ethyl-6-methyl-3-heptanol	66719-40-2	7.41717	1877.9103	200.569	92.07	242.82	2
8901	C10H22O	decyl alcohol (mixed isomers)	85566-12-7	7.41717	1877.9103	200.569	92.07	242.82	2
8902	C10H22O	1-methoxy-nonane	---	8.10171	2011.3781	201.854	81.37	206.97	2
8903	C10H22O	2-methoxy-nonane	---	7.30422	1726.2732	206.858	66.97	211.90	2
8904	C10H22O	3-methoxy-nonane	---	7.30422	1726.2732	206.858	66.97	211.90	2
8905	C10H22O	4-methoxy-nonane	---	7.30422	1726.2732	206.858	66.97	211.90	2
8906	C10H22O	5-methoxy-nonane	---	7.30422	1726.2732	206.858	66.97	211.90	2
8907	C10H22O	1-ethoxy-octane	929-61-3	7.57835	1835.9055	204.273	74.81	213.31	1,2
8908	C10H22O	2-ethoxy-octane	---	7.30422	1726.2732	206.858	66.97	211.90	2
8909	C10H22O	3-ethoxy-octane	---	7.30422	1726.2732	206.858	66.97	211.90	2
8910	C10H22O	4-ethoxy-octane	---	7.30422	1726.2732	206.858	66.97	211.90	2
8911	C10H22O	1-propoxy-heptane	72066-65-0	7.72560	1877.1185	204.051	75.05	209.07	2
8912	C10H22O	2-propoxy-heptane	---	7.34725	1741.7016	206.553	67.85	211.58	2
8913	C10H22O	3-propoxy-heptane	---	7.34725	1741.7016	206.553	67.85	211.58	2
8914	C10H22O	4-propoxy-heptane	---	7.34725	1741.7016	206.553	67.85	211.58	2
8915	C10H22O	1-isopropoxy-heptane	---	7.16412	1676.0062	207.887	64.01	212.98	2
8916	C10H22O	2-isopropoxy-heptane	---	7.05553	1636.9978	208.721	61.61	213.87	2
8917	C10H22O	3-isopropoxy-heptane	---	7.05553	1636.9978	208.721	61.61	213.87	2
8918	C10H22O	4-isopropoxy-heptane	---	7.05553	1636.9978	208.721	61.61	213.87	2
8919	C10H22O	dipentyl ether	693-65-2	7.55553	1831.0764	204.148	75.17	214.51	1,2
8920	C10H22O	diisopentyl ether	544-01-4	7.58163	1789.4076	208.109	63.77	198.59	1,2
8921	C10H22O2	1,2-decanediol	1119-86-4	8.77755	2602.3244	178.224	156.37	286.83	3
8922	C10H22O2	(S)-1,2-decanediol	84276-14-2	6.84436	1803.9219	192.036	116.62	300.50	3
8923	C10H22O2	(R)-1,2-decanediol	87827-60-9	6.84436	1803.9219	192.036	116.62	300.50	3
8924	C10H22O2	1,3-decanediol	6071-27-8	6.84436	1803.9219	192.036	116.62	300.50	3
8925	C10H22O2	1,4-decanediol	37810-94-9	11.02570	3522.0118	169.328	181.97	279.69	3
8926	C10H22O2	1,10-decanediol	112-47-0	10.09725	3142.8997	172.428	173.05	282.05	3
8927	C10H22O2	2,9-decanediol	14021-92-2	6.84436	1803.9219	192.036	116.62	300.50	3
8928	C10H22O2	3,7-dimethyl-1,7-octanediol	107-74-4	8.56455	2471.8259	182.394	144.37	276.82	1,2
8929	C10H22O2	3,4-diethyl-3,4-hexanediol	6931-71-1	6.83538	1800.1811	192.124	116.37	300.60	3
8930	C10H22O2	ethylene glycol dibutyl ether	112-48-1	7.82587	2004.4652	199.547	94.11	232.07	1,2
8931	C10H22O2	ethylene glycol diisobutyl ether	54922-86-0	5.91332	1360.7574	208.443	24.83	289.73	3
8932	C10H22O2	2-(2-ethylhexyloxy)ethanol	1559-35-9	7.44183	1974.7458	192.680	113.87	270.88	3
8933	C10H22O2	2-(octyloxy)ethanol	10020-43-6	7.52275	2006.7903	192.036	115.62	270.26	3
8934	C10H22O3S	dipentyl sulfite	2051-05-0	6.14742	1501.5902	186.147	105.57	320.19	3
8935	C10H22O4S	dipentyl sulfate	5867-98-1	5.94010	1559.2636	178.736	136.90	386.57	3
8936	C10H22O5	tetraethylene glycol dimethyl ether	143-24-8	8.25962	2682.0703	222.836	146.61	305.36	1,2
8937	C10H22S	1-decanethiol	143-10-2	7.75936	2073.0723	189.567	117.13	263.32	2
8938	C10H22S	2-decanethiol	13402-60-3	7.33999	1908.3818	192.597	108.41	266.35	2
8939	C10H22S	3-decanethiol	---	7.28471	1885.9466	192.875	107.21	266.79	2
8940	C10H22S	4-decanethiol	---	7.24978	1872.2015	193.153	106.41	267.08	2
8941	C10H22S	5-decanethiol	---	7.21528	1858.6216	193.431	105.61	267.37	2
8942	C10H22S	2-methyl-1-nonanethiol	---	7.46238	1955.7928	191.513	111.13	265.39	2
8943	C10H22S	3-methyl-1-nonanethiol	---	7.42522	1941.1913	191.791	110.33	265.67	2
8944	C10H22S	4-methyl-1-nonanethiol	---	7.38853	1926.7711	192.069	109.53	265.96	2
8945	C10H22S	5-methyl-1-nonanethiol	---	7.35230	1912.5288	192.347	108.73	266.24	2
8946	C10H22S	6-methyl-1-nonanethiol	---	7.31652	1898.4611	192.625	107.93	266.53	2
8947	C10H22S	7-methyl-1-nonanethiol	---	7.28120	1884.5645	192.903	107.13	266.82	2
8948	C10H22S	8-methyl-1-nonanethiol	---	7.24631	1870.8361	193.181	106.33	267.11	2
8949	C10H22S	2-methyl-2-nonanethiol	---	7.21185	1857.2726	193.459	105.53	267.40	2
8950	C10H22S	3-methyl-2-nonanethiol	---	7.17781	1843.8711	193.737	104.73	267.70	2
8951	C10H22S	4-methyl-2-nonanethiol	---	7.14419	1830.6285	194.015	103.93	267.99	2
8952	C10H22S	5-methyl-2-nonanethiol	---	7.11097	1817.5421	194.293	103.13	268.29	2
8953	C10H22S	6-methyl-2-nonanethiol	---	7.07816	1804.6089	194.571	102.33	268.59	2
8954	C10H22S	7-methyl-2-nonanethiol	---	7.04573	1791.8263	194.849	101.53	268.89	2
8955	C10H22S	8-methyl-2-nonanethiol	---	7.01369	1779.1915	195.127	100.73	269.19	2
8956	C10H22S	2-thiaundecane	59973-07-8	7.90877	2050.6683	192.483	104.34	241.34	2
8957	C10H22S	3-thiaundecane	3698-94-0	8.07915	2114.8373	191.460	107.28	240.38	2
8958	C10H22S	4-thiaundecane	24768-46-5	8.03194	2097.0635	191.738	106.48	240.64	2
8959	C10H22S	5-thiaundecane	16967-04-7	7.98542	2079.5439	192.016	105.68	240.90	2
8960	C10H22S	6-thiaundecane	872-10-6	7.93957	2062.2731	192.294	104.88	241.16	2

Table 1 Vapor Pressure – Organic Compounds

log ₁₀ P = A - B/(T + C) (P - mmHg, T - C)									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
8961	C10H22S	3-methyl-2-thiadecane	---	7.48837	1892.0144	195.263	96.34	244.07	2
8962	C10H22S	4-methyl-2-thiadecane	---	7.44942	1877.2891	195.541	95.54	244.36	2
8963	C10H22S	5-methyl-2-thiadecane	---	7.41098	1862.7545	195.819	94.74	244.64	2
8964	C10H22S	6-methyl-2-thiadecane	---	7.37305	1848.4070	196.097	93.94	244.92	2
8965	C10H22S	7-methyl-2-thiadecane	---	7.33562	1834.2428	196.375	93.14	245.21	2
8966	C10H22S	2-methyl-3-thiadecane	---	7.63634	1947.9109	194.240	99.28	243.05	2
8967	C10H22S	4-methyl-3-thiadecane	---	7.59539	1932.4493	194.518	98.48	243.33	2
8968	C10H22S	5-methyl-3-thiadecane	---	7.55500	1917.1933	194.796	97.68	243.60	2
8969	C10H22S	6-methyl-3-thiadecane	---	7.51516	1902.1386	195.074	96.88	243.88	2
8970	C10H22S	7-methyl-3-thiadecane	---	7.47585	1887.2813	195.352	96.08	244.16	2
8971	C10H22S	bis(2-methylbutyl) sulfide	96034-00-3	7.26546	1807.6858	196.906	91.61	245.76	2
8972	C10H22S	diisopentyl sulfide	544-02-5	7.36075	1845.9685	196.002	94.21	245.73	1,2
8973	C10H22S2	1,10-decanedithiol	---	6.75520	1894.4107	173.660	155.50	356.49	2
8974	C10H22S2	1,9-decanedithiol	---	6.72979	1883.0543	173.938	154.70	356.81	2
8975	C10H22S2	1,8-decanedithiol	---	6.70463	1871.8072	174.216	153.90	357.13	2
8976	C10H22S2	1,7-decanedithiol	---	6.67971	1860.6676	174.494	153.10	357.45	2
8977	C10H22S2	1,6-decanedithiol	---	6.65505	1849.6340	174.772	152.30	357.77	2
8978	C10H22S2	1,5-decanedithiol	---	6.63062	1838.7049	175.050	151.50	358.10	2
8979	C10H22S2	1,4-decanedithiol	---	6.60643	1827.8787	175.328	150.70	358.42	2
8980	C10H22S2	1,3-decanedithiol	---	6.58247	1817.1540	175.606	149.90	358.75	2
8981	C10H22S2	1,2-decanedithiol	---	6.55874	1806.5292	175.884	149.10	359.08	2
8982	C10H22S2	2,3-dithiadodecane	---	7.52973	2072.3489	180.473	136.90	296.16	2
8983	C10H22S2	3,4-dithiadodecane	---	7.45741	2042.6544	181.029	135.30	296.72	2
8984	C10H22S2	4,5-dithiadodecane	---	7.38684	2013.6652	181.585	133.70	297.29	2
8985	C10H22S2	5,6-dithiadodecane	---	7.31798	1985.3562	182.141	132.10	297.86	2
8986	C10H22S2	6,7-dithiadodecane	112-51-6	7.32108	1989.2144	182.697	132.00	297.88	2
8987	C10H22S2	2,4-dithiadodecane	---	7.92017	2232.3882	177.693	144.90	293.44	2
8988	C10H22S2	3,5-dithiadodecane	---	7.83799	2198.7370	178.249	143.30	293.97	2
8989	C10H22S2	4,6-dithiadodecane	---	7.75793	2165.9394	178.805	141.70	294.51	2
8990	C10H22S2	5,7-dithiadodecane	---	7.67992	2133.9627	179.361	140.10	295.06	2
8991	C10H22S2	diisopentyl disulfide	2051-04-9	7.25292	1912.5688	187.398	118.47	282.40	1,2
8992	C10H23N	decylamine	2016-57-1	7.83746	2041.2241	194.765	103.77	243.68	1,2
8993	C10H23N	methylnonylamine	39093-27-1	7.90889	2013.8618	198.518	92.97	227.51	2
8994	C10H23N	ethyloctylamine	4088-36-2	7.68754	1931.8838	199.908	88.97	228.86	2
8995	C10H23N	dipentylamine	2050-92-2	7.70710	1941.0353	199.630	89.77	229.30	1,2
8996	C10H23N	diisopentylamine	544-00-3	7.68296	1881.7244	203.800	77.77	214.26	1,2
8997	C10H23N	propylheptylamine	---	7.60332	1900.6611	200.464	87.37	229.41	2
8998	C10H23N	butylhexylamine	---	7.56208	1885.3673	200.742	86.57	229.68	2
8999	C10H23N	dimethyloctylamine	7378-99-6	7.51632	1845.0058	202.966	80.17	222.69	1,2
9000	C10H23N	diethylhexylamine	44979-90-0	7.66136	1844.3467	206.302	70.57	205.43	1,2
9001	C10H23N	N,N-diisopropylisobutylamine	44976-81-0	7.26583	1711.4494	208.290	64.85	210.77	2
9002	C10H23NO	N,N-diisobutylethanolamine	4535-66-4	5.65123	1386.7283	196.572	54.09	365.00	3
9003	C10H23NO	2-dibutylaminoethanol	102-81-8	5.65123	1386.7283	196.572	101.57	365.00	3
9004	C10H24NO3PS	amitron	78-53-5	15.76063	4934.9000	273.150	61.18	119.17	3
9005	C10H30O3Si4	decamethyltetrasiloxane	141-62-8	7.50721	2005.4566	239.121	69.07	224.53	3
9006	C10H30O5Si5	decamethylcyclopentasiloxane	541-02-6	6.97448	1584.3566	176.126	89.06	241.62	3
9007	C11F22	perfluoro(1-methyl-4-tert-butylcyclohexane), cis and trans	75169-50-5	6.91100	1460.7380	193.410	53.71	198.30	3
9008	C11F24O2	octadecafluoro-1,9-bis(trifluoromethoxy)-nonane	900002-05-3	8.04500	2246.0000	273.150	19.85	188.69	3
9009	C11H9Cl	1-(chloromethyl)naphthalene	86-52-2	7.04453	1942.6958	175.027	146.37	327.91	1,2
9010	C11H9Cl	1-chloro-2-methylnaphthalene	5859-45-0	7.06124	1949.2796	175.027	146.57	327.44	2
9011	C11H9Cl	2-(chloromethyl)naphthalene	2506-41-4	7.06124	1949.2796	175.027	146.57	327.44	2
9012	C11H10	1-methylnaphthalene	90-12-0	7.36136	2057.4938	217.356	106.08	274.92	1,2
9013	C11H10	2-methylnaphthalene	91-57-6	7.04544	1808.2761	193.348	105.77	274.68	1,2
9014	C11H10	methylnaphthalene	1321-94-4	7.33282	1863.4856	188.788	105.47	260.14	2
9015	C11H11N	3-ethylquinoline	1873-54-7	6.93811	1821.7306	182.116	124.67	302.87	2
9016	C11H11N	6-ethylquinoline	19655-60-8	6.86637	1793.0077	182.992	122.65	303.64	2
9017	C11H11N	8-ethylquinoline	19655-56-2	6.65667	1705.8614	184.896	116.67	306.02	2
9018	C11H11N	2,3-dimethylquinoline	1721-89-7	6.85041	1785.6634	182.950	122.27	303.80	2
9019	C11H11N	2,4-dimethylquinoline	1198-37-4	7.02820	1853.1775	181.780	125.64	300.02	1,2
9020	C11H11N	2,6-dimethylquinoline	877-43-0	6.93013	1817.4569	182.280	124.20	302.60	1,2
9021	C11H11N	2,7-dimethylquinoline	93-37-8	6.96031	1823.8741	182.533	123.47	300.17	1,2
9022	C11H11N	2,8-dimethylquinoline	1463-17-8	6.97849	1784.1855	186.564	111.87	283.37	1,2
9023	C11H11N	3,4-dimethylquinoline	2436-92-2	7.80290	2175.8150	175.166	144.67	295.68	2
9024	C11H11N	3,6-dimethylquinoline	20668-26-2	7.05975	1871.7024	181.004	127.87	301.65	2
9025	C11H11N	3,7-dimethylquinoline	20668-28-4	7.09105	1884.5471	180.726	128.67	301.35	2
9026	C11H11N	3,8-dimethylquinoline	20668-29-5	6.79354	1762.2577	183.506	120.67	304.42	2
9027	C11H11N	4,5-dimethylquinoline	59129-74-7	6.92484	1817.0654	182.436	124.25	303.02	2
9028	C11H11N	4,6-dimethylquinoline	826-77-7	6.92647	1836.7223	180.448	129.47	310.05	1,2
9029	C11H11N	4,8-dimethylquinoline	13362-80-6	7.17247	1918.7868	180.212	130.65	300.61	2
9030	C11H11N	5,6-dimethylquinoline	20668-30-8	7.17247	1918.7868	180.212	130.65	300.61	2
9031	C11H11N	5,7-dimethylquinoline	20150-89-4	6.97706	1858.6405	179.892	131.07	309.84	1,2
9032	C11H11N	6,7-dimethylquinoline	20668-33-1	7.20507	1932.1598	179.934	131.45	300.32	2
9033	C11H11N	2,5-dimethylquinoline	26190-82-9	6.89389	1803.5504	182.533	123.47	303.33	2
9034	C11H11N	5,8-dimethylquinoline	2623-50-9	6.93811	1821.7306	182.116	124.67	302.87	2
9035	C11H11N	6,8-dimethylquinoline	2436-93-3	6.96499	1837.7601	181.421	126.67	304.35	1,2
9036	C11H11N	2-ethylquinoline	1613-34-9	6.93735	1757.9619	187.815	108.27	280.29	1,2
9037	C11H12Cl2O3	isopropyl (2,4-dichlorophenoxy)acetate	94-11-1	5.58075	1306.7398	112.810	172.46	431.91	3
9038	C11H12Cl2O3	propyl 2,4-dichloro-phenoxyacetate	1928-61-6	5.44997	1154.5749	78.220	170.85	430.82	3
9039	C11H12Cl2O4	3-hydroxypropyl 2,4-dichlorophenoxy-acetate	28191-20-0	8.60464	3796.8507	273.150	189.85	427.01	3
9040	C11H11Cl3O3	propyl 2,4,5-trichloro-phenoxyacetate	1928-40-1	6.40781	1516.1600	85.450	170.85	384.54	3

Table 1 Vapor Pressure – Organic Compounds

log ₁₀ P = A - B/(T + C) (P - mmHg, T - C)									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
9041	C11H12O2	ethyl trans-cinnamate	4192-77-2	8.27580	2903.0400	266.600	132.40	303.30	1,2
9042	C11H12O3	myristicin	607-91-0	8.54587	3061.3266	263.888	141.81	306.83	1,2
9043	C11H13Cl3	4-tert-butyl-2,3,6-trichlorotoluene	61468-36-8	7.17042	2055.9030	182.605	134.85	332.84	3
9044	C11H13N	3-ethyl-2-methyl-1H-indole	35246-18-5	6.91269	1933.7947	174.888	152.17	343.44	2
9045	C11H13N	1,2,3-trimethyl-1H-indole	1971-46-6	6.67569	1829.6163	177.390	144.97	346.28	2
9046	C11H13N	2,3,5-trimethyl-1H-indole	21296-92-4	7.05429	1995.9060	173.498	121.50	341.91	2
9047	C11H13N	4-butylbenzonitrile	20651-73-4	6.71556	1757.5927	183.595	123.92	313.78	2
9048	C11H13N	4-tert-butylbenzonitrile	4210-32-6	6.64458	1727.8648	184.340	121.77	314.65	2
9049	C11H13NO	4-butylphenyl isocyanate	69342-47-8	7.21261	1877.6877	186.935	115.30	278.90	3
9050	C11H13NO	2,6-diethylphenyl isocyanate	20458-99-5	7.21261	1877.6877	186.935	115.30	278.90	3
9051	C11H14	1-methyl-[1,2,3,4-tetrahydronaphthalene]	1559-81-5	7.07819	1752.6067	197.088	91.26	252.72	1,2
9052	C11H14	2-methyl-[1,2,3,4-tetrahydronaphthalene]	3877-19-8	6.89172	1696.9043	197.200	90.81	260.20	2
9053	C11H14	1,2,3,4-tetrahydro-5-methylnaphthalene	2809-64-5	7.28350	1862.4315	188.971	107.43	265.10	1,2
9054	C11H14	1,2,3,4-tetrahydro-6-methylnaphthalene	1680-51-9	7.06886	1598.4666	155.801	107.59	255.43	2
9055	C11H14	2,3-dihydro-1,2-dimethyl-1H-indene	17057-82-8	6.40764	1497.7350	198.796	78.17	265.50	3
9056	C11H14	2,3-dihydro-4,7-dimethyl-1H-indene	6682-71-9	7.22532	1888.9007	208.907	94.52	258.24	3
9057	C11H14	2,3-dihydro-5,6-dimethyl-1H-indene	1075-22-5	6.52433	1542.8080	197.567	81.71	264.01	3
9058	C11H14	1-ethyl-2,3-dihydro-1H-indene	4830-99-3	6.56733	1559.3994	197.128	82.97	263.48	3
9059	C11H14	1,1-dimethylindane	4912-92-9	6.52588	1453.0766	197.769	65.19	236.76	3
9060	C11H14	(1-ethylallyl)benzene	19947-22-9	6.82708	1593.1091	202.827	70.57	234.21	2
9061	C11H14	(1-ethyl-1-propenyl)benzene	4701-36-4	7.40387	1769.1874	201.298	74.97	217.74	1,2
9062	C11H14	4-isopropylstyrene	2055-40-5	6.88384	1642.0293	199.325	79.75	244.23	2
9063	C11H14	(1-methyl-1-butenyl)benzene	53172-84-2	7.18358	1724.4654	199.908	78.97	231.02	2
9064	C11H14	1-pentenylbenzene	826-18-6	9.15986	2339.5008	195.738	90.97	195.61	1,2
9065	C11H14	3-pentenylbenzene	1745-16-0	7.14752	1711.2016	200.186	78.17	231.32	2
9066	C11H14	4-pentenylbenzene	1075-74-7	7.24981	1739.6728	200.186	78.17	227.47	1,2
9067	C11H14	2-vinyl-1,3,5-trimethylbenzene	769-25-5	7.14970	1737.4880	197.962	84.57	239.93	1,2
9068	C11H14	2,3-dihydro-4,6-dimethyl-1H-indene	1685-82-1	6.27695	1643.1770	201.355	85.56	262.15	3
9069	C11H14	2,4,5-trimethylstyrene	3937-24-4	7.51629	1742.4195	175.015	78.85	226.98	3
9070	C11H14	4,7-dimethylindane	6682-71-10	8.93280	2443.5048	202.880	105.15	222.01	3
9071	C11H14Cl2	2,4-bis(chloromethyl)-1,3,5-trimethylbenzene	1585-17-7	7.17227	1996.0493	173.540	149.85	326.67	2
9072	C11H14Cl2	4-tert-butyl-2,5-dichlorotoluene	61468-35-7	6.52454	1809.1890	204.939	121.85	336.30	2
9073	C11H14Cl2	2,5-dichloro-1-methyl-4-(1,1-dimethylethyl)benzene	900002-55-3	5.42650	1264.3990	205.100	80.54	358.19	2
9074	C11H14O2	butyl benzoate	136-60-7	7.59592	2225.3203	221.955	115.42	282.19	1,2
9075	C11H14O2	benzoic acid, p-tert-butyl-	98-73-7	6.27429	1659.7283	184.382	130.30	352.32	2
9076	C11H14O2	4-butylbenzoic acid	20651-71-2	6.53947	1789.4260	184.382	138.65	348.56	2
9077	C11H14O2	4-tert-butylbenzoic acid	1077-58-3	6.53947	1789.4260	184.382	138.65	348.56	2
9078	C11H14O2	3-tert-butylbenzoic acid	7498-54-6	6.53947	1789.4260	184.382	138.65	348.56	2
9079	C11H15Br	4-tert-butylbenzyl bromide	18880-00-7	5.94729	1503.9172	184.938	119.05	358.89	1,2
9080	C11H15Cl	4-tert-butylbenzyl chloride	19692-45-6	6.08477	1473.8217	193.000	96.85	314.70	1,2
9081	C11H15Cl	2-chloro-4-(1,1-dimethylethyl)-1-methylbenzene	42597-10-4	7.28320	1917.6000	205.400	98.85	262.15	3
9082	C11H16	pentylbenzene	538-68-1	7.33675	1937.7489	229.409	76.39	236.97	1,2
9083	C11H16	2-phenylpentane	2719-52-0	7.08665	1652.4758	202.900	68.59	220.29	1,2
9084	C11H16	3-phenylpentane	1196-58-3	7.08638	1655.7758	202.710	69.34	221.35	1,2
9085	C11H16	1-phenyl-2-methylbutane	3968-85-2	7.08478	1675.5764	201.570	73.80	227.74	1,2
9086	C11H16	1-phenyl-3-methylbutane	2049-94-7	7.08428	1681.8467	201.209	75.22	229.76	1,2
9087	C11H16	2-phenyl-2-methylbutane	2049-95-8	6.96979	1614.4422	202.448	67.99	223.76	1,2
9088	C11H16	2-phenyl-3-methylbutane	4481-30-5	7.03158	1624.1144	203.280	65.99	218.60	1,2
9089	C11H16	1-phenyl-2,2-dimethylpropane	1007-26-7	6.97145	1593.9594	203.660	63.27	216.95	1,2
9090	C11H16	1-methyl-2-butylbenzene	1595-11-5	7.12979	1731.3750	199.480	82.97	239.07	1,2
9091	C11H16	1-methyl-3-butylbenzene	1595-04-6	7.13057	1721.3642	200.050	80.73	235.88	1,2
9092	C11H16	1-methyl-4-butylbenzene	1595-05-7	7.13005	1728.0381	199.670	82.23	238.01	1,2
9093	C11H16	1-methyl-2-sec-butylbenzene	1595-06-8	7.07699	1669.0729	201.760	72.89	226.74	1,2
9094	C11H16	1-methyl-3-sec-butylbenzene	1772-10-7	7.07752	1662.4856	202.140	71.41	224.61	1,2
9095	C11H16	1-methyl-4-sec-butylbenzene	1595-16-0	7.07673	1672.3666	201.570	73.64	227.80	1,2
9096	C11H16	1-methyl-2-isobutylbenzene	36301-29-8	7.07699	1669.0729	201.760	72.89	226.74	1,2
9097	C11H16	1-methyl-3-isobutylbenzene	5160-99-6	7.07752	1662.4856	202.140	71.41	224.61	1,2
9098	C11H16	1-methyl-4-isobutylbenzene	5161-04-6	7.07699	1669.0729	201.760	72.89	226.74	1,2
9099	C11H16	1-methyl-2-tert-butyl benzene	1074-92-6	6.95995	1637.2211	200.915	73.79	232.43	1,2
9100	C11H16	1-methyl-3-tert-butylbenzene	1075-38-3	6.96280	1601.3649	203.041	65.52	220.49	1,2
9101	C11H16	1-methyl-4-tert-butylbenzene	98-51-1	6.94599	1596.7666	200.031	68.51	224.17	1,2
9102	C11H16	1-ethyl-2-propylbenzene	16021-20-8	7.13109	1714.6904	200.430	79.24	233.75	1,2
9103	C11H16	1-ethyl-3-propylbenzene	20024-91-3	7.13162	1708.0167	200.810	77.75	231.62	1,2
9104	C11H16	1-ethyl-4-propylbenzene	20024-90-2	7.13057	1721.3642	200.050	80.73	235.88	1,2
9105	C11H16	1-ethyl-2-isopropylbenzene	18970-44-0	7.04679	1649.3113	202.900	69.86	223.84	1,2
9106	C11H16	1-ethyl-3-isopropylbenzene	4920-99-4	7.07806	1655.8984	202.520	69.92	222.48	1,2
9107	C11H16	1-ethyl-4-isopropylbenzene	4218-48-8	7.07683	1671.0491	201.646	73.34	227.38	1,2
9108	C11H16	1,2-dimethyl-3-propylbenzene	17059-44-8	7.12099	1737.0630	198.967	84.82	242.01	1,2
9109	C11H16	1,2-dimethyl-4-propylbenzene	3982-66-9	7.12145	1731.0681	199.309	83.48	240.09	1,2
9110	C11H16	1,3-dimethyl-2-propylbenzene	17059-45-9	7.12179	1726.7385	199.556	82.51	238.71	1,2
9111	C11H16	1,3-dimethyl-4-propylbenzene	61827-85-8	7.12204	1723.4080	199.746	81.76	237.64	1,2
9112	C11H16	1,3-dimethyl-5-propylbenzene	3982-64-7	7.12318	1708.8875	200.575	78.51	233.01	1,2
9113	C11H16	1,4-dimethyl-2-propylbenzene	3042-50-0	7.12264	1715.7481	200.183	80.05	235.20	1,2
9114	C11H16	1,2-dimethyl-3-isopropylbenzene	22539-65-7	7.06728	1687.5921	200.506	77.64	233.83	1,2
9115	C11H16	1,2-dimethyl-4-isopropylbenzene	4132-77-8	7.06749	1684.9622	200.658	77.05	232.98	1,2
9116	C11H16	1,3-dimethyl-2-isopropylbenzene	14411-75-7	7.06822	1675.7577	201.190	74.96	230.00	1,2
9117	C11H16	1,3-dimethyl-4-isopropylbenzene	4706-89-2	7.06819	1676.0864	201.171	75.04	230.10	1,2
9118	C11H16	1,3-dimethyl-5-isopropylbenzene	4706-90-5	7.06940	1660.9650	202.045	71.62	225.21	1,2
9119	C11H16	1,4-dimethyl-2-isopropylbenzene	4132-72-3	7.06895	1666.5533	201.722	72.88	227.02	1,2
9120	C11H16	1-methyl-2,3-diethylbenzene	13632-93-4	7.12204	1723.4080	199.746	81.76	237.64	1,2

Table 1 Vapor Pressure – Organic Compounds

log ₁₀ P = A - B/(T + C) (P - mmHg, T - C)									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
9121	C11H16	1-methyl-2,4-diethylbenzene	1758-85-6	7.12246	1718.0793	200.050	80.57	235.94	1,2
9122	C11H16	1-methyl-2,5-diethylbenzene	13632-94-5	7.12191	1725.0732	199.651	82.14	238.18	1,2
9123	C11H16	1-methyl-2,6-diethyl benzene	13632-95-6	7.12148	1730.7350	199.328	83.40	239.99	1,2
9124	C11H16	1-methyl-3,4-diethylbenzene	13732-80-4	7.12282	1713.4168	200.316	79.52	234.45	1,2
9125	C11H16	1-methyl-3,5-diethylbenzene	2050-24-0	7.30309	1888.2050	226.276	73.29	231.89	1,2
9126	C11H16	1,2,3-trimethyl-4-ethylbenzene	61827-86-9	7.11053	1766.0113	197.124	91.89	252.39	1,2
9127	C11H16	1,2,3-trimethyl-5-ethylbenzene	31366-00-4	7.11167	1750.7200	197.998	88.46	247.50	1,2
9128	C11H16	1,2,4-trimethyl-3-ethylbenzene	61827-87-0	7.11147	1753.3794	197.846	89.05	248.35	1,2
9129	C11H16	1,2,4-trimethyl-5-ethylbenzene	17851-27-3	7.16734	1798.3190	206.528	85.06	244.69	1,2
9130	C11H16	1,2,4-trimethyl-6-ethylbenzene	---	7.11237	1741.4125	198.530	86.37	244.52	1,2
9131	C11H16	1,3,5-trimethyl-2-ethylbenzene	3982-67-0	7.28364	1907.5641	220.859	82.72	244.20	1,2
9132	C11H16	pentamethylbenzene	700-12-9	7.10379	1800.5030	194.958	100.02	264.13	1,2
9133	C11H16	1-ethyl-2,3,5-trimethylbenzene	18262-85-6	7.28088	1803.3672	196.850	90.27	243.10	1,2
9134	C11H16	sec-pentylbenzene	29316-05-0	7.26986	1757.6578	200.464	79.87	229.49	1,2
9135	C11H16	5-propyl-1,5-octadien-3-yne	70732-44-4	6.85996	1646.3493	199.871	81.08	247.74	2
9136	C11H16	1,10-undecadiyne	4117-15-1	7.26080	1834.0946	199.871	93.08	249.78	2
9137	C11H16O	p-tert-amylphenol	80-46-6	7.88551	2192.7561	183.089	135.37	283.09	1,2
9138	C11H16O	2-butyl-4-methylphenol	6891-45-8	6.88605	1768.4652	192.680	107.77	284.74	2
9139	C11H16O	2-tert-butyl-4-methylphenol	2409-55-4	7.16743	1881.9812	190.178	114.97	282.02	2
9140	C11H16O	2-tert-butyl-5-methylphenol	88-60-8	7.16249	1879.9920	190.220	114.85	282.06	2
9141	C11H16O	2-tert-butyl-6-methylphenol	2219-82-1	6.94607	1792.7056	192.124	109.37	284.12	2
9142	C11H16O	4-tert-butyl-2-methylphenol	98-27-1	7.16743	1881.9812	190.178	114.97	282.02	2
9143	C11H16O	4-isopentylphenol	1805-61-4	7.83193	2148.9440	185.174	129.37	276.96	2
9144	C11H16O	5-methyl-2-sec-butylphenol	29472-95-5	7.48080	2008.0510	187.676	122.17	279.43	2
9145	C11H16O	pentamethylphenol	2819-86-5	8.37168	2364.8955	181.838	128.00	273.84	2
9146	C11H16O	4-pentylphenol	14938-35-3	7.65123	2076.4820	186.425	125.77	278.18	2
9147	C11H16O	2-(1-methylbutyl)phenol	87-26-3	7.58585	2028.8769	188.624	119.44	272.07	1,2
9148	C11H16O	o-amylphenol	136-81-2	7.16249	1879.9920	190.220	114.85	282.06	2
9149	C11H16O	2-sec-amylphenol	26401-74-1	7.16249	1879.9920	190.220	114.85	282.06	2
9150	C11H16O	4-sec-amylphenol	25735-67-5	7.16249	1879.9920	190.220	114.85	282.06	2
9151	C11H17N	N,N-diethyl-2-methylaniline	606-46-2	6.57289	1591.2398	197.962	87.57	271.29	2
9152	C11H17N	N,N-diethyl-4-methylaniline	613-48-9	7.18089	1829.3717	192.402	103.57	265.05	2
9153	C11H17N	4-isopentylaniline	104177-72-2	7.86362	2167.0517	181.880	133.85	280.99	2
9154	C11H17N	N-isopentylaniline	2051-84-5	7.28666	1944.3597	185.313	123.97	288.36	1,2
9155	C11H17N	2,3,4,5,6-pentamethylaniline	2243-30-3	7.50852	2025.4807	184.660	126.54	283.48	2
9156	C11H17N	p-tert-pentylaniline	2049-92-5	7.60974	2064.9824	183.645	128.77	282.71	2
9157	C11H17N	N-ethyl-alpha-methylbenzeneethanamine	457-87-4	6.98504	1802.5755	188.830	112.35	285.13	2
9158	C11H17N	N-benzyl-tert-butylamine	3378-72-1	6.98504	1802.5755	188.830	112.35	285.13	2
9159	C11H17N	N-butylbenzylamine	2403-22-7	6.98504	1802.5755	188.830	112.35	285.13	2
9160	C11H17N	N,N-diethyl-m-toluidine	91-67-8	7.26762	1863.2215	191.707	105.57	264.32	2
9161	C11H17N	N-ethyl-N-isopropylaniline	54813-77-3	7.01522	1764.6391	193.792	99.57	266.54	2
9162	C11H17N	N,N,2,4,6-pentamethylaniline	13021-15-3	7.30555	1816.8962	196.572	91.57	244.03	1,2
9163	C11H17N	4-pentylaniline	33228-44-3	7.47298	2009.9249	184.660	125.85	283.73	2
9164	C11H17N	N-pentylaniline	2655-27-8	7.33971	1972.3479	184.340	126.77	290.03	1,2
9165	C11H18	1-undecen-3-yne	74744-28-8	7.34389	1816.6125	200.186	86.17	236.28	2
9166	C11H18	ethyl-tetramethylcyclopentadiene	57693-77-3	7.01667	1662.7442	200.186	76.17	233.40	3
9167	C11H18	1,3,5-undecatriene	16356-11-9	8.21528	2118.3753	195.266	98.33	225.59	2
9168	C11H18O	2-undecynal	---	6.49084	1706.5647	188.232	122.57	327.50	2
9169	C11H18O	3-undecynal	---	6.49084	1706.5647	188.232	122.57	327.50	2
9170	C11H18O	4-undecynal	---	6.49084	1706.5647	188.232	122.57	327.50	2
9171	C11H18O	5-undecynal	---	6.49084	1706.5647	188.232	122.57	327.50	2
9172	C11H18O	6-undecynal	---	6.49084	1706.5647	188.232	122.57	327.50	2
9173	C11H18O	7-undecynal	---	6.49084	1706.5647	188.232	122.57	327.50	2
9174	C11H18O	8-undecynal	---	6.49084	1706.5647	188.232	122.57	327.50	2
9175	C11H18O	9-undecynal	---	6.49084	1706.5647	188.232	122.57	327.50	2
9176	C11H18O	10-undecynal	103680-94-0	6.49084	1706.5647	188.232	122.57	327.50	2
9177	C11H18O	2-methyl-9-decynal	---	6.26310	1608.3113	191.012	114.57	330.95	2
9178	C11H18O	3-methyl-9-decynal	---	6.26310	1608.3113	191.012	114.57	330.95	2
9179	C11H18O	4-methyl-9-decynal	---	6.26310	1608.3113	191.012	114.57	330.95	2
9180	C11H18O	5-methyl-9-decynal	---	6.26310	1608.3113	191.012	114.57	330.95	2
9181	C11H18O	6-methyl-9-decynal	---	6.26310	1608.3113	191.012	114.57	330.95	2
9182	C11H18O	7-methyl-9-decynal	---	6.26310	1608.3113	191.012	114.57	330.95	2
9183	C11H18O	8-methyl-9-decynal	---	6.26310	1608.3113	191.012	114.57	330.95	2
9184	C11H18O	4-methyl-2-decynal	---	6.26310	1608.3113	191.012	114.57	330.95	2
9185	C11H18O	5-methyl-2-decynal	---	6.26310	1608.3113	191.012	114.57	330.95	2
9186	C11H18O	6-methyl-2-decynal	---	6.26310	1608.3113	191.012	114.57	330.95	2
9187	C11H18O	7-methyl-2-decynal	---	6.26310	1608.3113	191.012	114.57	330.95	2
9188	C11H18O	8-methyl-2-decynal	---	6.26310	1608.3113	191.012	114.57	330.95	2
9189	C11H18O	9-methyl-2-decynal	---	6.26310	1608.3113	191.012	114.57	330.95	2
9190	C11H18O	2-heptylfuran	3777-71-7	7.05614	1698.3922	202.271	78.17	236.10	2
9191	C11H18O2	2-undecynoic acid	---	7.70789	2425.0877	161.218	200	375	3
9192	C11H18O2	3-undecynoic acid	---	7.70789	2425.0877	161.218	200	375	3
9193	C11H18O2	4-undecynoic acid	---	7.70789	2425.0877	161.218	200	375	3
9194	C11H18O2	5-undecynoic acid	---	7.70789	2425.0877	161.218	200	375	3
9195	C11H18O2	6-undecynoic acid	55182-83-7	7.70789	2425.0877	161.218	200	375	3
9196	C11H18O2	7-undecynoic acid	---	7.70789	2425.0877	161.218	200	375	3
9197	C11H18O2	8-undecynoic acid	---	7.70789	2425.0877	161.218	200	375	3
9198	C11H18O2	9-undecynoic acid	22202-65-9	7.70789	2425.0877	161.218	200	375	3
9199	C11H18O2	9-undecynoic acid	---	7.70789	2425.0877	161.218	200	375	3
9200	C11H18O2	10-undecynoic acid	2777-65-3	7.70789	2425.0877	161.218	200	375	3

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mmHg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
9201	C11H18O2	4-methyl-2-decynoic acid	---	7.70789	2425.0877	161.218	200	375	3
9202	C11H18O2	5-methyl-2-decynoic acid	---	7.70789	2425.0877	161.218	200	375	3
9203	C11H18O2	6-methyl-2-decynoic acid	---	7.70789	2425.0877	161.218	200	375	3
9204	C11H18O2	7-methyl-2-decynoic acid	---	7.70789	2425.0877	161.218	200	375	3
9205	C11H18O2	8-methyl-2-decynoic acid	---	7.70789	2425.0877	161.218	200	375	3
9206	C11H18O2	9-methyl-2-decynoic acid	---	7.70789	2425.0877	161.218	200	375	3
9207	C11H18O2	2-methyl-3-decynoic acid	---	7.70789	2425.0877	161.218	200	375	3
9208	C11H18O2	5-methyl-3-decynoic acid	---	7.70789	2425.0877	161.218	200	375	3
9209	C11H18O2	6-methyl-3-decynoic acid	---	7.70789	2425.0877	161.218	200	375	3
9210	C11H18O2	7-methyl-3-decynoic acid	---	7.70789	2425.0877	161.218	200	375	3
9211	C11H18O2	8-methyl-3-decynoic acid	---	7.70789	2425.0877	161.218	200	375	3
9212	C11H18O2	9-methyl-3-decynoic acid	---	7.70789	2425.0877	161.218	200	375	3
9213	C11H18O2	2-methyl-4-decynoic acid	---	7.70789	2425.0877	161.218	200	375	3
9214	C11H18O2	3-methyl-4-decynoic acid	---	7.70789	2425.0877	161.218	200	375	3
9215	C11H18O2	6-methyl-4-decynoic acid	---	7.70789	2425.0877	161.218	200	375	3
9216	C11H18O2	7-methyl-4-decynoic acid	---	7.70789	2425.0877	161.218	200	375	3
9217	C11H18O2	8-methyl-4-decynoic acid	---	7.70789	2425.0877	161.218	200	375	3
9218	C11H18O2	9-methyl-4-decynoic acid	---	7.70789	2425.0877	161.218	200	375	3
9219	C11H18O2	4-ethyl-2-nonynoic acid	---	7.70789	2425.0877	161.218	200	375	3
9220	C11H18O2	5-ethyl-2-nonynoic acid	---	7.70789	2425.0877	161.218	200	375	3
9221	C11H18O2	6-ethyl-2-nonynoic acid	---	7.70789	2425.0877	161.218	200	375	3
9222	C11H18O2	7-ethyl-2-nonynoic acid	---	7.70789	2425.0877	161.218	200	375	3
9223	C11H18O2	8-ethyl-2-nonynoic acid	---	7.70789	2425.0877	161.218	200	375	3
9224	C11H18S	2-heptylthiophene	18794-78-0	7.60489	2021.0607	187.065	118.93	269.87	2
9225	C11H18S	3-heptylthiophene	65016-61-7	7.68409	2052.2739	186.509	120.53	269.32	2
9226	C11H18S	2-isoheptylthiophene	---	7.41570	1946.4244	188.455	114.93	271.27	2
9227	C11H18S	3-isoheptylthiophene	---	7.48991	1975.7153	187.899	116.53	270.71	2
9228	C11H18S	2-sec-heptylthiophene	---	7.23817	1876.2822	189.845	110.93	272.71	2
9229	C11H18S	3-sec-heptylthiophene	---	7.30785	1903.8268	189.289	112.53	272.13	2
9230	C11H18S	2-tert-heptylthiophene	---	7.07125	1810.2311	191.235	106.93	274.19	2
9231	C11H18S	3-tert-heptylthiophene	---	7.13680	1836.1844	190.679	108.53	273.60	2
9232	C11H18S	2-methyl-3-hexylthiophene	---	7.64423	2036.5664	186.787	119.73	269.60	2
9233	C11H18S	2-methyl-4-hexyl thiophene	---	7.68409	2052.2739	186.509	120.53	269.32	2
9234	C11H18S	2-methyl-5-hexyl thiophene	---	7.72449	2068.1873	186.231	121.33	269.05	2
9235	C11H18S	3-methyl-2-hexylthiophene	---	7.72449	2068.1873	186.231	121.33	269.05	2
9236	C11H18S	3-methyl-4-hexyl thiophene	---	7.76543	2084.3108	185.953	122.13	268.78	2
9237	C11H18S	3-methyl-5-hexylthiophene	---	7.80692	2100.6486	185.675	122.93	268.51	2
9238	C11H19IrO2	bis(propylene)-2,4-pentandionatoiridium	66467-05-8	13.05100	4762.4000	273.150	122.04	209.40	3
9239	C11H20	1-methyl-cis-decahydronaphthalene	---	8.21567	2124.8723	188.510	105.97	233.61	2
9240	C11H20	1-methyl-trans-decahydronaphthalene	---	7.83464	1984.1240	190.734	99.57	235.70	2
9241	C11H20	2-methyl-cis-decahydronaphthalene	---	7.08553	1706.3003	196.016	84.37	241.08	2
9242	C11H20	2-methyl-trans-decahydronaphthalene	4683-94-7	6.82181	1608.0428	198.240	77.97	243.53	2
9243	C11H20	4a-methyl-cis-decahydronaphthalene	2547-26-4	7.05111	1693.4884	196.294	83.57	241.38	2
9244	C11H20	4a-methyl-trans-decahydronaphthalene	2547-27-5	6.72939	1573.5450	199.074	75.57	244.48	2
9245	C11H20	1-hexylcyclopentene	4291-99-0	7.28466	1742.9976	201.000	76.34	223.83	2
9246	C11H20	1-undecyne	2243-98-3	7.17155	1729.2655	208.013	72.19	225.42	1,2
9247	C11H20	2-undecyne	60212-29-5	7.31415	1779.8763	206.686	75.20	224.04	2
9248	C11H20	3-undecyne	60212-30-8	7.57069	1878.1298	200.464	85.37	227.47	1,2
9249	C11H20	4-undecyne	60212-31-9	7.57012	1872.8211	200.881	84.17	225.90	1,2
9250	C11H20	5-undecyne	2294-72-6	7.56993	1871.0516	201.020	83.77	225.37	1,2
9251	C11H20	3-methyl-1-decyne	---	7.41491	1803.4651	202.966	78.17	223.08	2
9252	C11H20	4-methyl-1-decyne	---	7.41491	1803.4651	202.966	78.17	223.08	2
9253	C11H20	5-methyl-1-decyne	---	7.41491	1803.4651	202.966	78.17	223.08	2
9254	C11H20	6-methyl-1-decyne	---	7.41491	1803.4651	202.966	78.17	223.08	2
9255	C11H20	7-methyl-1-decyne	---	7.41491	1803.4651	202.966	78.17	223.08	2
9256	C11H20	8-methyl-1-decyne	---	7.41491	1803.4651	202.966	78.17	223.08	2
9257	C11H20	9-methyl-1-decyne	---	7.41491	1803.4651	202.966	78.17	223.08	2
9258	C11H20	4-methyl-2-decyne	---	7.41491	1803.4651	202.966	78.17	223.08	2
9259	C11H20	5-methyl-2-decyne	---	7.41491	1803.4651	202.966	78.17	223.08	2
9260	C11H20	6-methyl-2-decyne	---	7.41491	1803.4651	202.966	78.17	223.08	2
9261	C11H20	7-methyl-2-decyne	---	7.41491	1803.4651	202.966	78.17	223.08	2
9262	C11H20	8-methyl-2-decyne	---	7.41491	1803.4651	202.966	78.17	223.08	2
9263	C11H20	9-methyl-2-decyne	---	7.41491	1803.4651	202.966	78.17	223.08	2
9264	C11H20	5-methyl-3-decyne	---	7.41491	1803.4651	202.966	78.17	223.08	2
9265	C11H20	6-methyl-3-decyne	---	7.41491	1803.4651	202.966	78.17	223.08	2
9266	C11H20	7-methyl-3-decyne	---	7.41491	1803.4651	202.966	78.17	223.08	2
9267	C11H20	8-methyl-3-decyne	---	7.41491	1803.4651	202.966	78.17	223.08	2
9268	C11H20	9-methyl-3-decyne	---	7.41491	1803.4651	202.966	78.17	223.08	2
9269	C11H20	3,3-dimethyl-1-nonyne	---	7.15093	1706.7754	204.912	72.57	225.10	2
9270	C11H20	3,4-dimethyl-1-nonyne	---	7.15093	1706.7754	204.912	72.57	225.10	2
9271	C11H20	3,5-dimethyl-1-nonyne	---	7.15093	1706.7754	204.912	72.57	225.10	2
9272	C11H20	3,6-dimethyl-1-nonyne	---	7.15093	1706.7754	204.912	72.57	225.10	2
9273	C11H20	3,7-dimethyl-1-nonyne	---	7.15093	1706.7754	204.912	72.57	225.10	2
9274	C11H20	3,8-dimethyl-1-nonyne	---	7.15093	1706.7754	204.912	72.57	225.10	2
9275	C11H20	4,4-dimethyl-2-nonyne	---	7.15093	1706.7754	204.912	72.57	225.10	2
9276	C11H20	4,5-dimethyl-2-nonyne	---	7.15093	1706.7754	204.912	72.57	225.10	2
9277	C11H20	4,6-dimethyl-2-nonyne	---	7.15093	1706.7754	204.912	72.57	225.10	2
9278	C11H20	4,7-dimethyl-2-nonyne	---	7.15093	1706.7754	204.912	72.57	225.10	2
9279	C11H20	4,8-dimethyl-2-nonyne	---	7.15093	1706.7754	204.912	72.57	225.10	2
9280	C11H20	3,3-dimethyl-4-nonyne	29022-31-9	7.15093	1706.7754	204.912	72.57	225.10	2

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mmHg}, T - C)$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
9281	C11H20	3-ethyl-1-nonyne	---	7.41491	1803.4651	202.966	78.17	223.08	2
9282	C11H20	4-ethyl-1-nonyne	---	7.41491	1803.4651	202.966	78.17	223.08	2
9283	C11H20	5-ethyl-1-nonyne	---	7.41491	1803.4651	202.966	78.17	223.08	2
9284	C11H20	6-ethyl-1-nonyne	---	7.41491	1803.4651	202.966	78.17	223.08	2
9285	C11H20	7-ethyl-1-nonyne	---	7.41491	1803.4651	202.966	78.17	223.08	2
9286	C11H20	8-ethyl-1-nonyne	---	7.41491	1803.4651	202.966	78.17	223.08	2
9287	C11H20	cyclopentylcyclohexane	1606-08-2	6.17325	1100.5413	124.474	88.26	243.43	3
9288	C11H20	spiro[5.5]undecane	180-43-8	7.64616	1494.8971	103.912	95.85	230.94	3
9289	C11H20	3-hexylcyclopentene	37689-18-2	7.37421	1839.9411	214.687	73.97	224.19	2
9290	C11H20Cl4	1,1,1,1-tetrachloroundecane	3922-34-7	12.22010	4830.0000	273.150	157.33	261.25	3
9291	C11H20O	2-undecyn-1-ol	---	7.97490	2287.3097	181.771	146	295	3
9292	C11H20O	3-undecyn-1-ol	---	7.97490	2287.3097	181.771	146	295	3
9293	C11H20O	4-undecyn-1-ol	---	7.97490	2287.3097	181.771	146	295	3
9294	C11H20O	5-undecyn-1-ol	---	7.97490	2287.3097	181.771	146	295	3
9295	C11H20O	6-undecyn-1-ol	---	7.97490	2287.3097	181.771	146	295	3
9296	C11H20O	7-undecyn-1-ol	---	7.97490	2287.3097	181.771	146	295	3
9297	C11H20O	8-undecyn-1-ol	---	7.97490	2287.3097	181.771	146	295	3
9298	C11H20O	9-undecyn-1-ol	---	7.97490	2287.3097	181.771	146	295	3
9299	C11H20O	10-undecyn-1-ol	---	7.97490	2287.3097	181.771	146	295	3
9300	C11H20O	3-undecyn-2-ol	---	7.97490	2287.3097	181.771	146	295	3
9301	C11H20O	4-undecyn-2-ol	---	7.97490	2287.3097	181.771	146	295	3
9302	C11H20O	5-undecyn-2-ol	---	7.97490	2287.3097	181.771	146	295	3
9303	C11H20O	6-undecyn-2-ol	---	7.97490	2287.3097	181.771	146	295	3
9304	C11H20O	7-undecyn-2-ol	---	7.97490	2287.3097	181.771	146	295	3
9305	C11H20O	8-undecyn-2-ol	---	7.97490	2287.3097	181.771	146	295	3
9306	C11H20O	9-undecyn-2-ol	---	7.97490	2287.3097	181.771	146	295	3
9307	C11H20O	10-undecyn-2-ol	---	7.97490	2287.3097	181.771	146	295	3
9308	C11H20O	4-undecyn-3-ol	---	7.97490	2287.3097	181.771	146	295	3
9309	C11H20O	5-undecyn-3-ol	---	7.97490	2287.3097	181.771	146	295	3
9310	C11H20O	6-undecyn-3-ol	---	7.97490	2287.3097	181.771	146	295	3
9311	C11H20O	7-undecyn-3-ol	---	7.97490	2287.3097	181.771	146	295	3
9312	C11H20O	8-undecyn-3-ol	---	7.97490	2287.3097	181.771	146	295	3
9313	C11H20O	9-undecyn-3-ol	---	7.97490	2287.3097	181.771	146	295	3
9314	C11H20O	10-undecyn-3-ol	---	7.97490	2287.3097	181.771	146	295	3
9315	C11H20O	5-undecyn-4-ol	---	7.97490	2287.3097	181.771	146	295	3
9316	C11H20O	6-undecyn-4-ol	---	7.97490	2287.3097	181.771	146	295	3
9317	C11H20O	7-undecyn-4-ol	---	7.97490	2287.3097	181.771	146	295	3
9318	C11H20O	8-undecyn-4-ol	---	7.97490	2287.3097	181.771	146	295	3
9319	C11H20O	9-undecyn-4-ol	---	7.97490	2287.3097	181.771	146	295	3
9320	C11H20O	10-undecyn-4-ol	---	7.97490	2287.3097	181.771	146	295	3
9321	C11H20O	6-undecyn-5-ol	---	7.97490	2287.3097	181.771	146	295	3
9322	C11H20O	7-undecyn-5-ol	---	7.97490	2287.3097	181.771	146	295	3
9323	C11H20O	8-undecyn-5-ol	---	7.97490	2287.3097	181.771	146	295	3
9324	C11H20O	9-undecyn-5-ol	---	7.97490	2287.3097	181.771	146	295	3
9325	C11H20O	10-undecyn-5-ol	---	7.97490	2287.3097	181.771	146	295	3
9326	C11H20O	1-methyl-2-decyn-1-ol	---	7.97490	2287.3097	181.771	146	295	3
9327	C11H20O	4-methyl-2-decyn-1-ol	---	7.97490	2287.3097	181.771	146	295	3
9328	C11H20O	5-methyl-2-decyn-1-ol	---	7.97490	2287.3097	181.771	146	295	3
9329	C11H20O	6-methyl-2-decyn-1-ol	---	7.97490	2287.3097	181.771	146	295	3
9330	C11H20O	7-methyl-2-decyn-1-ol	---	7.97490	2287.3097	181.771	146	295	3
9331	C11H20O	8-methyl-2-decyn-1-ol	---	7.97490	2287.3097	181.771	146	295	3
9332	C11H20O	9-methyl-2-decyn-1-ol	---	7.97490	2287.3097	181.771	146	295	3
9333	C11H20O	1-methyl-3-decyn-1-ol	---	7.97490	2287.3097	181.771	146	295	3
9334	C11H20O	2-methyl-3-decyn-1-ol	---	7.97490	2287.3097	181.771	146	295	3
9335	C11H20O	5-methyl-3-decyn-1-ol	---	7.97490	2287.3097	181.771	146	295	3
9336	C11H20O	6-methyl-3-decyn-1-ol	---	7.97490	2287.3097	181.771	146	295	3
9337	C11H20O	7-methyl-3-decyn-1-ol	---	7.97490	2287.3097	181.771	146	295	3
9338	C11H20O	8-methyl-3-decyn-1-ol	---	7.97490	2287.3097	181.771	146	295	3
9339	C11H20O	9-methyl-3-decyn-1-ol	---	7.97490	2287.3097	181.771	146	295	3
9340	C11H20O	1-methyl-4-decyn-1-ol	---	7.97490	2287.3097	181.771	146	295	3
9341	C11H20O	2-methyl-4-decyn-1-ol	---	7.97490	2287.3097	181.771	146	295	3
9342	C11H20O	3-methyl-4-decyn-1-ol	---	7.97490	2287.3097	181.771	146	295	3
9343	C11H20O	6-methyl-4-decyn-1-ol	---	7.97490	2287.3097	181.771	146	295	3
9344	C11H20O	7-methyl-4-decyn-1-ol	---	7.97490	2287.3097	181.771	146	295	3
9345	C11H20O	8-methyl-4-decyn-1-ol	---	7.97490	2287.3097	181.771	146	295	3
9346	C11H20O	9-methyl-4-decyn-1-ol	---	7.97490	2287.3097	181.771	146	295	3
9347	C11H20O	1-methyl-5-decyn-1-ol	---	7.97490	2287.3097	181.771	146	295	3
9348	C11H20O	2-methyl-5-decyn-1-ol	---	7.97490	2287.3097	181.771	146	295	3
9349	C11H20O	3-methyl-5-decyn-1-ol	---	7.97490	2287.3097	181.771	146	295	3
9350	C11H20O	4-methyl-5-decyn-1-ol	---	7.97490	2287.3097	181.771	146	295	3
9351	C11H20O	7-methyl-5-decyn-1-ol	---	7.97490	2287.3097	181.771	146	295	3
9352	C11H20O	8-methyl-5-decyn-1-ol	---	7.97490	2287.3097	181.771	146	295	3
9353	C11H20O	9-methyl-5-decyn-1-ol	---	7.97490	2287.3097	181.771	146	295	3
9354	C11H20O	1-methyl-6-decyn-1-ol	---	7.97490	2287.3097	181.771	146	295	3
9355	C11H20O	2-methyl-6-decyn-1-ol	---	7.97490	2287.3097	181.771	146	295	3
9356	C11H20O	3-methyl-6-decyn-1-ol	---	7.97490	2287.3097	181.771	146	295	3
9357	C11H20O	4-methyl-6-decyn-1-ol	---	7.97490	2287.3097	181.771	146	295	3
9358	C11H20O	5-methyl-6-decyn-1-ol	---	7.97490	2287.3097	181.771	146	295	3
9359	C11H20O	8-methyl-6-decyn-1-ol	---	7.97490	2287.3097	181.771	146	295	3
9360	C11H20O	9-methyl-6-decyn-1-ol	---	7.97490	2287.3097	181.771	146	295	3

Table 1 Vapor Pressure – Organic Compounds

log ₁₀ P = A - B/(T + C) (P - mmHg, T - C)									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
9361	C11H20O	1-methyl-7-decyn-1-ol	---	7.97490	2287.3097	181.771	146	295	3
9362	C11H20O	2-methyl-7-decyn-1-ol	---	7.97490	2287.3097	181.771	146	295	3
9363	C11H20O	3-methyl-7-decyn-1-ol	---	7.97490	2287.3097	181.771	146	295	3
9364	C11H20O	4-methyl-7-decyn-1-ol	---	7.97490	2287.3097	181.771	146	295	3
9365	C11H20O	5-methyl-7-decyn-1-ol	---	7.97490	2287.3097	181.771	146	295	3
9366	C11H20O	6-methyl-7-decyn-1-ol	---	7.97490	2287.3097	181.771	146	295	3
9367	C11H20O	1-methyl-8-decyn-1-ol	---	7.97490	2287.3097	181.771	146	295	3
9368	C11H20O	2-methyl-8-decyn-1-ol	---	7.97490	2287.3097	181.771	146	295	3
9369	C11H20O	3-methyl-8-decyn-1-ol	---	7.97490	2287.3097	181.771	146	295	3
9370	C11H20O	4-methyl-8-decyn-1-ol	---	7.97490	2287.3097	181.771	146	295	3
9371	C11H20O	5-methyl-8-decyn-1-ol	---	7.97490	2287.3097	181.771	146	295	3
9372	C11H20O	6-methyl-8-decyn-1-ol	---	7.97490	2287.3097	181.771	146	295	3
9373	C11H20O	7-methyl-8-decyn-1-ol	---	7.97490	2287.3097	181.771	146	295	3
9374	C11H20O	1-methyl-9-decyn-1-ol	---	7.97490	2287.3097	181.771	146	295	3
9375	C11H20O	2-methyl-9-decyn-1-ol	---	7.97490	2287.3097	181.771	146	295	3
9376	C11H20O	3-methyl-9-decyn-1-ol	---	7.97490	2287.3097	181.771	146	295	3
9377	C11H20O	4-methyl-9-decyn-1-ol	---	7.97490	2287.3097	181.771	146	295	3
9378	C11H20O	5-methyl-9-decyn-1-ol	---	7.97490	2287.3097	181.771	146	295	3
9379	C11H20O	6-methyl-9-decyn-1-ol	---	7.97490	2287.3097	181.771	146	295	3
9380	C11H20O	7-methyl-9-decyn-1-ol	---	7.97490	2287.3097	181.771	146	295	3
9381	C11H20O	2-undecenal	2463-77-6	7.08188	1837.6297	190.178	111.97	281.00	2
9382	C11H20O	trans-2-undecenal	1337-83-3	7.08188	1837.6297	190.178	111.97	281.00	2
9383	C11H20O	3-undecenal	---	7.08188	1837.6297	190.178	111.97	281.00	2
9384	C11H20O	4-undecenal	---	7.08188	1837.6297	190.178	111.97	281.00	2
9385	C11H20O	5-undecenal	---	7.08188	1837.6297	190.178	111.97	281.00	2
9386	C11H20O	6-undecenal	---	7.08188	1837.6297	190.178	111.97	281.00	2
9387	C11H20O	7-undecenal	---	7.08188	1837.6297	190.178	111.97	281.00	2
9388	C11H20O	8-undecenal	58296-81-4	7.08188	1837.6297	190.178	111.97	281.00	2
9389	C11H20O	9-undecenal	143-14-6	7.08188	1837.6297	190.178	111.97	281.00	2
9390	C11H20O	10-undecenal	112-45-8	7.32158	1910.0541	190.178	111.97	271.22	1,2
9391	C11H20O	2-methyl-2-decenal	---	6.77877	1715.8817	192.958	103.97	284.08	2
9392	C11H20O	3-methyl-2-decenal	---	6.77877	1715.8817	192.958	103.97	284.08	2
9393	C11H20O	4-methyl-2-decenal	---	6.77877	1715.8817	192.958	103.97	284.08	2
9394	C11H20O	5-methyl-2-decenal	---	6.77877	1715.8817	192.958	103.97	284.08	2
9395	C11H20O	6-methyl-2-decenal	---	6.77877	1715.8817	192.958	103.97	284.08	2
9396	C11H20O	7-methyl-2-decenal	---	6.77877	1715.8817	192.958	103.97	284.08	2
9397	C11H20O	8-methyl-2-decenal	---	6.77877	1715.8817	192.958	103.97	284.08	2
9398	C11H20O	9-methyl-2-decenal	---	6.77877	1715.8817	192.958	103.97	284.08	2
9399	C11H20O	2-methyl-3-decenal	---	6.77877	1715.8817	192.958	103.97	284.08	2
9400	C11H20O	3-methyl-3-decenal	---	6.77877	1715.8817	192.958	103.97	284.08	2
9401	C11H20O	4-methyl-3-decenal	---	6.77877	1715.8817	192.958	103.97	284.08	2
9402	C11H20O	5-methyl-3-decenal	---	6.77877	1715.8817	192.958	103.97	284.08	2
9403	C11H20O	6-methyl-3-decenal	---	6.77877	1715.8817	192.958	103.97	284.08	2
9404	C11H20O	7-methyl-3-decenal	---	6.77877	1715.8817	192.958	103.97	284.08	2
9405	C11H20O	8-methyl-3-decenal	---	6.77877	1715.8817	192.958	103.97	284.08	2
9406	C11H20O	9-methyl-3-decenal	---	6.77877	1715.8817	192.958	103.97	284.08	2
9407	C11H20O	2-methyl-4-decenal	---	6.77877	1715.8817	192.958	103.97	284.08	2
9408	C11H20O	3-methyl-4-decenal	---	6.77877	1715.8817	192.958	103.97	284.08	2
9409	C11H20O	4-methyl-4-decenal	---	6.77877	1715.8817	192.958	103.97	284.08	2
9410	C11H20O	5-methyl-4-decenal	---	6.77877	1715.8817	192.958	103.97	284.08	2
9411	C11H20O	6-methyl-4-decenal	---	6.77877	1715.8817	192.958	103.97	284.08	2
9412	C11H20O	7-methyl-4-decenal	---	6.77877	1715.8817	192.958	103.97	284.08	2
9413	C11H20O	8-methyl-4-decenal	---	6.77877	1715.8817	192.958	103.97	284.08	2
9414	C11H20O	9-methyl-4-decenal	---	6.77877	1715.8817	192.958	103.97	284.08	2
9415	C11H20O	2-methyl-5-decenal	---	6.77877	1715.8817	192.958	103.97	284.08	2
9416	C11H20O	3-methyl-5-decenal	---	6.77877	1715.8817	192.958	103.97	284.08	2
9417	C11H20O	4-methyl-5-decenal	---	6.77877	1715.8817	192.958	103.97	284.08	2
9418	C11H20O	5-methyl-5-decenal	---	6.77877	1715.8817	192.958	103.97	284.08	2
9419	C11H20O	6-methyl-5-decenal	---	6.77877	1715.8817	192.958	103.97	284.08	2
9420	C11H20O	7-methyl-5-decenal	---	6.77877	1715.8817	192.958	103.97	284.08	2
9421	C11H20O	8-methyl-5-decenal	---	6.77877	1715.8817	192.958	103.97	284.08	2
9422	C11H20O	9-methyl-5-decenal	---	6.77877	1715.8817	192.958	103.97	284.08	2
9423	C11H20O	2-methyl-6-decenal	---	6.77877	1715.8817	192.958	103.97	284.08	2
9424	C11H20O	3-methyl-6-decenal	---	6.77877	1715.8817	192.958	103.97	284.08	2
9425	C11H20O	4-methyl-6-decenal	---	6.77877	1715.8817	192.958	103.97	284.08	2
9426	C11H20O	5-methyl-6-decenal	---	6.77877	1715.8817	192.958	103.97	284.08	2
9427	C11H20O	6-methyl-6-decenal	---	6.77877	1715.8817	192.958	103.97	284.08	2
9428	C11H20O	7-methyl-6-decenal	---	6.77877	1715.8817	192.958	103.97	284.08	2
9429	C11H20O	8-methyl-6-decenal	---	6.77877	1715.8817	192.958	103.97	284.08	2
9430	C11H20O	9-methyl-6-decenal	---	6.77877	1715.8817	192.958	103.97	284.08	2
9431	C11H20O	2-methyl-7-decenal	---	6.77877	1715.8817	192.958	103.97	284.08	2
9432	C11H20O	3-methyl-7-decenal	---	6.77877	1715.8817	192.958	103.97	284.08	2
9433	C11H20O	4-methyl-7-decenal	---	6.77877	1715.8817	192.958	103.97	284.08	2
9434	C11H20O	5-methyl-7-decenal	---	6.77877	1715.8817	192.958	103.97	284.08	2
9435	C11H20O	6-methyl-7-decenal	---	6.77877	1715.8817	192.958	103.97	284.08	2
9436	C11H20O	7-methyl-7-decenal	---	6.77877	1715.8817	192.958	103.97	284.08	2
9437	C11H20O	8-methyl-7-decenal	---	6.77877	1715.8817	192.958	103.97	284.08	2
9438	C11H20O	9-methyl-7-decenal	---	6.77877	1715.8817	192.958	103.97	284.08	2
9439	C11H20O	2-methyl-8-decenal	---	6.77877	1715.8817	192.958	103.97	284.08	2
9440	C11H20O	3-methyl-8-decenal	---	6.77877	1715.8817	192.958	103.97	284.08	2

Table 1 Vapor Pressure – Organic Compounds

log ₁₀ P = A - B/(T + C) (P - mmHg, T - C)									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
9441	C11H20O	4-methyl-8-decenal	---	6.77877	1715.8817	192.958	103.97	284.08	2
9442	C11H20O	5-methyl-8-decenal	---	6.77877	1715.8817	192.958	103.97	284.08	2
9443	C11H20O	6-methyl-8-decenal	---	6.77877	1715.8817	192.958	103.97	284.08	2
9444	C11H20O	7-methyl-8-decenal	---	6.77877	1715.8817	192.958	103.97	284.08	2
9445	C11H20O	8-methyl-8-decenal	---	6.77877	1715.8817	192.958	103.97	284.08	2
9446	C11H20O	9-methyl-8-decenal	---	6.77877	1715.8817	192.958	103.97	284.08	2
9447	C11H20O	2-methyl-9-decenal	---	6.77877	1715.8817	192.958	103.97	284.08	2
9448	C11H20O	3-methyl-9-decenal	---	6.77877	1715.8817	192.958	103.97	284.08	2
9449	C11H20O	4-methyl-9-decenal	---	6.77877	1715.8817	192.958	103.97	284.08	2
9450	C11H20O	5-methyl-9-decenal	---	6.77877	1715.8817	192.958	103.97	284.08	2
9451	C11H20O	6-methyl-9-decenal	---	6.77877	1715.8817	192.958	103.97	284.08	2
9452	C11H20O	7-methyl-9-decenal	---	6.77877	1715.8817	192.958	103.97	284.08	2
9453	C11H20O	8-methyl-9-decenal	---	6.77877	1715.8817	192.958	103.97	284.08	2
9454	C11H20O	9-methyl-9-decenal	---	6.77877	1715.8817	192.958	103.97	284.08	2
9455	C11H20O	2,2-dimethyl-2-nonenal	---	6.50773	1606.6502	195.738	95.97	287.34	2
9456	C11H20O	2,3-dimethyl-2-nonenal	---	6.50773	1606.6502	195.738	95.97	287.34	2
9457	C11H20O	2,4-dimethyl-2-nonenal	---	6.50773	1606.6502	195.738	95.97	287.34	2
9458	C11H20O	2,5-dimethyl-2-nonenal	---	6.50773	1606.6502	195.738	95.97	287.34	2
9459	C11H20O	2,6-dimethyl-2-nonenal	---	6.50773	1606.6502	195.738	95.97	287.34	2
9460	C11H20O	2,7-dimethyl-2-nonenal	---	6.50773	1606.6502	195.738	95.97	287.34	2
9461	C11H20O	2,8-dimethyl-2-nonenal	---	6.50773	1606.6502	195.738	95.97	287.34	2
9462	C11H20O	2,2-dimethyl-3-nonenal	---	6.50773	1606.6502	195.738	95.97	287.34	2
9463	C11H20O	2,3-dimethyl-3-nonenal	---	6.50773	1606.6502	195.738	95.97	287.34	2
9464	C11H20O	2,4-dimethyl-3-nonenal	---	6.50773	1606.6502	195.738	95.97	287.34	2
9465	C11H20O	2,5-dimethyl-3-nonenal	---	6.50773	1606.6502	195.738	95.97	287.34	2
9466	C11H20O	2,6-dimethyl-3-nonenal	---	6.50773	1606.6502	195.738	95.97	287.34	2
9467	C11H20O	2,7-dimethyl-3-nonenal	---	6.50773	1606.6502	195.738	95.97	287.34	2
9468	C11H20O	2,8-dimethyl-3-nonenal	---	6.50773	1606.6502	195.738	95.97	287.34	2
9469	C11H20O	2,2-dimethyl-4-nonenal	---	6.50773	1606.6502	195.738	95.97	287.34	2
9470	C11H20O	2,3-dimethyl-4-nonenal	---	6.50773	1606.6502	195.738	95.97	287.34	2
9471	C11H20O	2,4-dimethyl-4-nonenal	---	6.50773	1606.6502	195.738	95.97	287.34	2
9472	C11H20O	2,5-dimethyl-4-nonenal	---	6.50773	1606.6502	195.738	95.97	287.34	2
9473	C11H20O	2,6-dimethyl-4-nonenal	---	6.50773	1606.6502	195.738	95.97	287.34	2
9474	C11H20O	2,7-dimethyl-4-nonenal	---	6.50773	1606.6502	195.738	95.97	287.34	2
9475	C11H20O	2,8-dimethyl-4-nonenal	---	6.50773	1606.6502	195.738	95.97	287.34	2
9476	C11H20O	2,2-dimethyl-5-nonenal	---	6.50773	1606.6502	195.738	95.97	287.34	2
9477	C11H20O	2,3-dimethyl-5-nonenal	---	6.50773	1606.6502	195.738	95.97	287.34	2
9478	C11H20O	2,4-dimethyl-5-nonenal	---	6.50773	1606.6502	195.738	95.97	287.34	2
9479	C11H20O	2,5-dimethyl-5-nonenal	---	6.50773	1606.6502	195.738	95.97	287.34	2
9480	C11H20O	2,6-dimethyl-5-nonenal	---	6.50773	1606.6502	195.738	95.97	287.34	2
9481	C11H20O	2,7-dimethyl-5-nonenal	---	6.50773	1606.6502	195.738	95.97	287.34	2
9482	C11H20O	2,8-dimethyl-5-nonenal	---	6.50773	1606.6502	195.738	95.97	287.34	2
9483	C11H20O	2,2-dimethyl-6-nonenal	---	6.50773	1606.6502	195.738	95.97	287.34	2
9484	C11H20O	2,3-dimethyl-6-nonenal	---	6.50773	1606.6502	195.738	95.97	287.34	2
9485	C11H20O	2,4-dimethyl-6-nonenal	---	6.50773	1606.6502	195.738	95.97	287.34	2
9486	C11H20O	2,5-dimethyl-6-nonenal	---	6.50773	1606.6502	195.738	95.97	287.34	2
9487	C11H20O	2,6-dimethyl-6-nonenal	---	6.50773	1606.6502	195.738	95.97	287.34	2
9488	C11H20O	2,7-dimethyl-6-nonenal	---	6.50773	1606.6502	195.738	95.97	287.34	2
9489	C11H20O	2,8-dimethyl-6-nonenal	---	6.50773	1606.6502	195.738	95.97	287.34	2
9490	C11H20O	2,2-dimethyl-7-nonenal	---	6.50773	1606.6502	195.738	95.97	287.34	2
9491	C11H20O	2,3-dimethyl-7-nonenal	---	6.50773	1606.6502	195.738	95.97	287.34	2
9492	C11H20O	2,4-dimethyl-7-nonenal	---	6.50773	1606.6502	195.738	95.97	287.34	2
9493	C11H20O	2,5-dimethyl-7-nonenal	---	6.50773	1606.6502	195.738	95.97	287.34	2
9494	C11H20O	2,6-dimethyl-7-nonenal	---	6.50773	1606.6502	195.738	95.97	287.34	2
9495	C11H20O	2,7-dimethyl-7-nonenal	---	6.50773	1606.6502	195.738	95.97	287.34	2
9496	C11H20O	2,8-dimethyl-7-nonenal	---	6.50773	1606.6502	195.738	95.97	287.34	2
9497	C11H20O	2,2-dimethyl-8-nonenal	---	6.50773	1606.6502	195.738	95.97	287.34	2
9498	C11H20O	2,3-dimethyl-8-nonenal	---	6.50773	1606.6502	195.738	95.97	287.34	2
9499	C11H20O	2,4-dimethyl-8-nonenal	---	6.50773	1606.6502	195.738	95.97	287.34	2
9500	C11H20O	2,5-dimethyl-8-nonenal	---	6.50773	1606.6502	195.738	95.97	287.34	2
9501	C11H20O	2,6-dimethyl-8-nonenal	---	6.50773	1606.6502	195.738	95.97	287.34	2
9502	C11H20O	2,7-dimethyl-8-nonenal	---	6.50773	1606.6502	195.738	95.97	287.34	2
9503	C11H20O	2,8-dimethyl-8-nonenal	---	6.50773	1606.6502	195.738	95.97	287.34	2
9504	C11H20O2	2-undecenoic acid	---	6.89345	1943.9852	178.085	151.77	345.67	2
9505	C11H20O2	3-undecenoic acid	---	6.89345	1943.9852	178.085	151.77	345.67	2
9506	C11H20O2	4-undecenoic acid	---	6.89345	1943.9852	178.085	151.77	345.67	2
9507	C11H20O2	5-undecenoic acid	---	6.89345	1943.9852	178.085	151.77	345.67	2
9508	C11H20O2	6-undecenoic acid	---	6.89345	1943.9852	178.085	151.77	345.67	2
9509	C11H20O2	7-undecenoic acid	---	6.89345	1943.9852	178.085	151.77	345.67	2
9510	C11H20O2	8-undecenoic acid	---	6.89345	1943.9852	178.085	151.77	345.67	2
9511	C11H20O2	9-undecenoic acid	---	6.89345	1943.9852	178.085	151.77	345.67	2
9512	C11H20O2	cis-9-undecenoic acid	116836-30-7	6.66897	1844.3432	180.490	144.85	348.41	2
9513	C11H20O2	trans-9-undecenoic acid	37973-84-5	6.69770	1857.1102	180.170	145.77	348.04	2
9514	C11H20O2	10-undecenoic acid	112-38-9	6.74846	1879.6547	179.614	147.37	347.40	2
9515	C11H20O2	2-methyl-2-decenoic acid	---	6.68517	1851.5420	180.309	145.37	348.20	2
9516	C11H20O2	3-methyl-2-decenoic acid	---	6.68517	1851.5420	180.309	145.37	348.20	2
9517	C11H20O2	4-methyl-2-decenoic acid	---	6.68517	1851.5420	180.309	145.37	348.20	2
9518	C11H20O2	5-methyl-2-decenoic acid	---	6.68517	1851.5420	180.309	145.37	348.20	2
9519	C11H20O2	6-methyl-2-decenoic acid	---	6.68517	1851.5420	180.309	145.37	348.20	2
9520	C11H20O2	7-methyl-2-decenoic acid	---	6.68517	1851.5420	180.309	145.37	348.20	2

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mmHg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
9521	C11H20O2	8-methyl-2-decenoic acid	---	6.68517	1851.5420	180.309	145.37	348.20	2
9522	C11H20O2	9-methyl-2-decenoic acid	---	6.68517	1851.5420	180.309	145.37	348.20	2
9523	C11H20O2	2-methyl-3-decenoic acid	---	6.68517	1851.5420	180.309	145.37	348.20	2
9524	C11H20O2	3-methyl-3-decenoic acid	---	6.68517	1851.5420	180.309	145.37	348.20	2
9525	C11H20O2	4-methyl-3-decenoic acid	---	6.68517	1851.5420	180.309	145.37	348.20	2
9526	C11H20O2	5-methyl-3-decenoic acid	---	6.68517	1851.5420	180.309	145.37	348.20	2
9527	C11H20O2	6-methyl-3-decenoic acid	---	6.68517	1851.5420	180.309	145.37	348.20	2
9528	C11H20O2	7-methyl-3-decenoic acid	---	6.68517	1851.5420	180.309	145.37	348.20	2
9529	C11H20O2	8-methyl-3-decenoic acid	---	6.68517	1851.5420	180.309	145.37	348.20	2
9530	C11H20O2	9-methyl-3-decenoic acid	---	6.68517	1851.5420	180.309	145.37	348.20	2
9531	C11H20O2	2-methyl-4-decenoic acid	---	6.68517	1851.5420	180.309	145.37	348.20	2
9532	C11H20O2	3-methyl-4-decenoic acid	---	6.68517	1851.5420	180.309	145.37	348.20	2
9533	C11H20O2	4-methyl-4-decenoic acid	---	6.68517	1851.5420	180.309	145.37	348.20	2
9534	C11H20O2	5-methyl-4-decenoic acid	---	6.68517	1851.5420	180.309	145.37	348.20	2
9535	C11H20O2	6-methyl-4-decenoic acid	---	6.68517	1851.5420	180.309	145.37	348.20	2
9536	C11H20O2	7-methyl-4-decenoic acid	---	6.68517	1851.5420	180.309	145.37	348.20	2
9537	C11H20O2	8-methyl-4-decenoic acid	---	6.68517	1851.5420	180.309	145.37	348.20	2
9538	C11H20O2	9-methyl-4-decenoic acid	---	6.68517	1851.5420	180.309	145.37	348.20	2
9539	C11H20O2	2,3-dimethyl-2-nonenic acid	---	6.49282	1765.9582	182.533	138.97	350.83	2
9540	C11H20O2	2,4-dimethyl-2-nonenic acid	---	6.49282	1765.9582	182.533	138.97	350.83	2
9541	C11H20O2	2,5-dimethyl-2-nonenic acid	---	6.49282	1765.9582	182.533	138.97	350.83	2
9542	C11H20O2	2,6-dimethyl-2-nonenic acid	---	6.49282	1765.9582	182.533	138.97	350.83	2
9543	C11H20O2	2,7-dimethyl-2-nonenic acid	---	6.49282	1765.9582	182.533	138.97	350.83	2
9544	C11H20O2	2,8-dimethyl-2-nonenic acid	---	6.57513	1802.6084	181.560	141.77	349.67	2
9545	C11H20O2	2-ethyl-2-nonenic acid	---	6.57513	1802.6084	181.560	141.77	349.67	2
9546	C11H20O2	3-ethyl-2-nonenic acid	---	6.57513	1802.6084	181.560	141.77	349.67	2
9547	C11H20O2	4-ethyl-2-nonenic acid	---	6.57513	1802.6084	181.560	141.77	349.67	2
9548	C11H20O2	5-ethyl-2-nonenic acid	---	6.57513	1802.6084	181.560	141.77	349.67	2
9549	C11H20O2	6-ethyl-2-nonenic acid	---	6.57513	1802.6084	181.560	141.77	349.67	2
9550	C11H20O2	7-ethyl-2-nonenic acid	---	6.57513	1802.6084	181.560	141.77	349.67	2
9551	C11H20O2	8-ethyl-2-nonenic acid	---	6.57513	1802.6084	181.560	141.77	349.67	2
9552	C11H20O2	(Z)-isovaleric acid 3-hexenyl	35154-45-1	5.97507	1534.3903	189.503	118.91	359.82	2
9553	C11H20O2	2-ethylhexyl acrylate	103-11-7	7.77677	2222.1480	237.874	90.03	245.73	1,2
9554	C11H20O2	vinyl nonanoate	6280-03-1	8.05732	2162.4761	189.503	116.91	254.04	2
9555	C11H20O2	allyl octanoate	4230-97-1	7.49274	1945.1238	193.514	106.07	257.70	2
9556	C11H20O2	N-octyl acrylate	2499-59-4	8.05732	2162.4761	189.503	116.91	254.04	2
9557	C11H20O2	citronellyl formate	105-85-1	8.05732	2162.4761	189.503	116.91	254.04	2
9558	C11H20O2	cis-3-hexenyl 2-methylbutyrate	53398-85-9	8.05732	2162.4761	189.503	116.91	254.04	2
9559	C11H20O2	cis-3-hexenyl valerate	35852-46-1	8.05732	2162.4761	189.503	116.91	254.04	2
9560	C11H20O2	isooctyl acrylate	29590-42-9	8.05732	2162.4761	189.503	116.91	254.04	2
9561	C11H20O4	ethyl diethylmalonate	77-25-8	6.30566	1121.3409	97.364	113.98	261.60	1,2
9562	C11H20O4	octylpropanedioic acid	760-55-4	7.47480	2498.8403	154.611	231.32	427.47	3
9563	C11H20O4	a, a', a'-tetramethylheptanedioic acid	2941-45-9	7.30317	2412.8615	156.279	226.52	429.18	3
9564	C11H20O4	undecanedioic acid	1852-04-6	7.85137	2687.0863	151.275	240.92	424.18	3
9565	C11H21Br	1-bromo-1-undecene	---	8.15497	2257.2777	184.674	130.81	269.22	2
9566	C11H21Br	cis-1-bromo-1-undecene	66142-59-4	7.99943	2190.7098	184.674	128.31	270.06	2
9567	C11H21Br	trans-1-bromo-1-undecene	66142-60-7	7.99943	2190.7098	184.674	128.31	270.06	2
9568	C11H21Br	11-bromo-1-undecene	7766-50-9	7.12902	1935.2080	184.535	131.21	305.74	1,2
9569	C11H21Br	2-bromo-1-undecene	---	8.20153	2275.7262	184.396	131.61	268.96	2
9570	C11H21Br	3-bromo-1-undecene	---	8.22506	2285.0481	184.257	132.01	268.84	2
9571	C11H21Br	4-bromo-1-undecene	---	8.24876	2294.4360	184.118	132.41	268.71	2
9572	C11H21Br	5-bromo-1-undecene	---	8.27264	2303.8906	183.979	132.81	268.58	2
9573	C11H21Br	6-bromo-1-undecene	---	8.29668	2313.4127	183.840	133.21	268.45	2
9574	C11H21Br	7-bromo-1-undecene	---	8.32091	2323.0030	183.701	133.61	268.33	2
9575	C11H21Br	8-bromo-1-undecene	---	8.34530	2332.6622	183.562	134.01	268.20	2
9576	C11H21Br	9-bromo-1-undecene	---	8.36988	2342.3911	183.423	134.41	268.08	2
9577	C11H21Br	10-bromo-1-undecene	---	8.39464	2352.1905	183.284	134.81	267.95	2
9578	C11H21Br	11-bromo-1-undecene	7766-50-10	8.41958	2362.0612	183.145	135.21	267.82	2
9579	C11H21Br	1-bromo-2-undecene	---	8.44471	2372.0039	183.006	135.61	267.70	2
9580	C11H21Br	2-bromo-2-undecene	---	8.47003	2382.0194	182.867	136.01	267.57	2
9581	C11H21Br	3-bromo-2-undecene	---	8.49553	2392.1086	182.728	136.41	267.45	2
9582	C11H21Br	4-bromo-2-undecene	---	8.52123	2402.2724	182.589	136.81	267.33	2
9583	C11H21Br	5-bromo-2-undecene	---	8.54712	2412.5114	182.450	137.21	267.20	2
9584	C11H21Br	6-bromo-2-undecene	---	8.57321	2422.8267	182.311	137.61	267.08	2
9585	C11H21Br	7-bromo-2-undecene	---	8.59949	2433.2190	182.172	138.01	266.96	2
9586	C11H21Br	8-bromo-2-undecene	---	8.62597	2443.6893	182.033	138.41	266.83	2
9587	C11H21Br	9-bromo-2-undecene	---	8.65266	2454.2385	181.894	138.81	266.71	2
9588	C11H21Br	10-bromo-2-undecene	---	8.67955	2464.8674	181.755	139.21	266.59	2
9589	C11H21Br	11-bromo-2-undecene	---	8.70665	2475.5770	181.616	139.61	266.47	2
9590	C11H21Br3	1,1,1-tribromoundecane	62127-68-8	7.79404	2371.8436	165.436	183.67	348.82	2
9591	C11H21Cl	1-chloro-1-undecene	---	6.95474	1826.9287	188.232	118.57	295.99	2
9592	C11H21Cl	cis-1-chloro-1-undecene	66172-73-4	6.95474	1826.9287	188.232	118.57	295.99	2
9593	C11H21Cl	trans-1-chloro-1-undecene	66142-61-8	6.95474	1826.9287	188.232	118.57	295.99	2
9594	C11H21Cl	2-chloro-1-undecene	---	6.98485	1839.2910	187.954	119.37	295.69	2
9595	C11H21Cl	3-chloro-1-undecene	---	7.00004	1845.5235	187.815	119.77	295.53	2
9596	C11H21Cl	4-chloro-1-undecene	---	7.01531	1851.7906	187.676	120.17	295.38	2
9597	C11H21Cl	5-chloro-1-undecene	---	7.03067	1858.0927	187.537	120.57	295.23	2
9598	C11H21Cl	6-chloro-1-undecene	---	7.04611	1864.4300	187.398	120.97	295.08	2
9599	C11H21Cl	7-chloro-1-undecene	---	7.06165	1870.8028	187.259	121.37	294.93	2
9600	C11H21Cl	8-chloro-1-undecene	---	7.07728	1877.2115	187.120	121.77	294.78	2

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mmHg}, T - C)$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
9601	C11H21Cl	9-chloro-1-undecene	---	7.09299	1883.6563	186.981	122.17	294.63	2
9602	C11H21Cl	10-chloro-1-undecene	---	7.10880	1890.1376	186.842	122.57	294.48	2
9603	C11H21Cl	11-chloro-1-undecene	---	7.12470	1896.6557	186.703	122.97	294.33	2
9604	C11H21Cl	1-chloro-2-undecene	---	7.14069	1903.2109	186.564	123.37	294.18	2
9605	C11H21Cl	2-chloro-2-undecene	---	7.15678	1909.8035	186.425	123.77	294.04	2
9606	C11H21Cl	3-chloro-2-undecene	---	7.17296	1916.4339	186.286	124.17	293.89	2
9607	C11H21Cl	4-chloro-2-undecene	---	7.18924	1923.1024	186.147	124.57	293.74	2
9608	C11H21Cl	5-chloro-2-undecene	---	7.20561	1929.8093	186.008	124.97	293.59	2
9609	C11H21Cl	6-chloro-2-undecene	---	7.22208	1936.5550	185.869	125.37	293.45	2
9610	C11H21Cl	7-chloro-2-undecene	---	7.23865	1943.3398	185.730	125.77	293.30	2
9611	C11H21Cl	8-chloro-2-undecene	---	7.25531	1950.1641	185.591	126.17	293.16	2
9612	C11H21Cl	9-chloro-2-undecene	---	7.27208	1957.0283	185.452	126.57	293.01	2
9613	C11H21Cl	10-chloro-2-undecene	---	7.28895	1963.9326	185.313	126.97	292.87	2
9614	C11H21Cl	11-chloro-2-undecene	---	7.30591	1970.8775	185.174	127.37	292.72	2
9615	C11H21Cl3	1,1,1-trichloroundecane	3922-25-6	7.09552	1981.6194	178.224	146.87	328.11	3
9616	C11H21F	1-fluoro-1-undecene	---	6.63786	1628.9032	199.352	89.57	271.97	2
9617	C11H21F	cis-1-fluoro-1-undecene	66172-74-5	6.63786	1628.9032	199.352	89.57	271.97	2
9618	C11H21F	trans-1-fluoro-1-undecene	66142-62-9	6.63786	1628.9032	199.352	89.57	271.97	2
9619	C11H21F	2-fluoro-1-undecene	---	6.65168	1634.3719	199.213	89.97	271.81	2
9620	C11H21F	3-fluoro-1-undecene	---	6.66558	1639.8701	199.074	90.37	271.65	2
9621	C11H21F	4-fluoro-1-undecene	---	6.67956	1645.3980	198.935	90.77	271.49	2
9622	C11H21F	5-fluoro-1-undecene	---	6.69361	1650.9558	198.796	91.17	271.32	2
9623	C11H21F	6-fluoro-1-undecene	---	6.70775	1656.5439	198.657	91.57	271.16	2
9624	C11H21F	7-fluoro-1-undecene	---	6.72196	1662.1624	198.518	91.97	271.00	2
9625	C11H21F	8-fluoro-1-undecene	---	6.73625	1667.8117	198.379	92.37	270.84	2
9626	C11H21F	9-fluoro-1-undecene	---	6.75063	1673.4919	198.240	92.77	270.68	2
9627	C11H21F	10-fluoro-1-undecene	---	6.76508	1679.2034	198.101	93.17	270.53	2
9628	C11H21F	11-fluoro-1-undecene	---	6.77962	1684.9464	197.962	93.57	270.37	2
9629	C11H21F	1-fluoro-2-undecene	---	6.79424	1690.7212	197.823	93.97	270.21	2
9630	C11H21F	2-fluoro-2-undecene	---	6.80895	1696.5281	197.684	94.37	270.05	2
9631	C11H21F	3-fluoro-2-undecene	---	6.82374	1702.3673	197.545	94.77	269.89	2
9632	C11H21F	4-fluoro-2-undecene	---	6.83861	1708.2391	197.406	95.17	269.74	2
9633	C11H21F	5-fluoro-2-undecene	---	6.85357	1714.1438	197.267	95.57	269.58	2
9634	C11H21F	6-fluoro-2-undecene	---	6.86862	1720.0817	197.128	95.97	269.43	2
9635	C11H21F	7-fluoro-2-undecene	---	6.88375	1726.0531	196.989	96.37	269.27	2
9636	C11H21F	8-fluoro-2-undecene	---	6.89897	1732.0582	196.850	96.77	269.12	2
9637	C11H21F	9-fluoro-2-undecene	---	6.91428	1738.0974	196.711	97.17	268.96	2
9638	C11H21F	10-fluoro-2-undecene	---	6.92968	1744.1710	196.572	97.57	268.81	2
9639	C11H21F	11-fluoro-2-undecene	---	6.94518	1750.2792	196.433	97.97	268.65	2
9640	C11H21F3	1,1,1-trifluoroundecane	62126-97-0	6.54777	1541.9938	208.550	69.40	249.57	3
9641	C11H21I	1-iodo-1-undecene	---	8.98200	2580.8232	181.560	141.77	263.40	2
9642	C11H21I	cis-1-iodo-1-undecene	66142-63-0	8.98200	2580.8232	181.560	141.77	263.40	2
9643	C11H21I	trans-1-iodo-1-undecene	66142-64-1	8.98200	2580.8232	181.560	141.77	263.40	2
9644	C11H21I	2-iodo-1-undecene	---	8.99379	2585.4675	181.505	141.93	263.35	2
9645	C11H21I	3-iodo-1-undecene	---	9.00561	2590.1266	181.449	142.09	263.30	2
9646	C11H21I	4-iodo-1-undecene	---	9.01746	2594.8004	181.394	142.25	263.26	2
9647	C11H21I	5-iodo-1-undecene	---	9.02936	2599.4891	181.338	142.41	263.21	2
9648	C11H21I	6-iodo-1-undecene	---	9.04130	2604.1928	181.282	142.57	263.16	2
9649	C11H21I	7-iodo-1-undecene	---	9.05327	2608.9115	181.227	142.73	263.11	2
9650	C11H21I	8-iodo-1-undecene	---	9.06529	2613.6454	181.171	142.89	263.07	2
9651	C11H21I	9-iodo-1-undecene	---	9.07734	2618.3944	181.116	143.05	263.02	2
9652	C11H21I	10-iodo-1-undecene	---	9.08943	2623.1586	181.060	143.21	262.97	2
9653	C11H21I	11-iodo-1-undecene	---	9.10156	2627.9381	181.004	143.37	262.93	2
9654	C11H21I	1-iodo-2-undecene	---	9.11373	2632.7331	180.949	143.53	262.88	2
9655	C11H21I	2-iodo-2-undecene	---	9.12594	2637.5435	180.893	143.69	262.83	2
9656	C11H21I	3-iodo-2-undecene	---	9.13819	2642.3695	180.838	143.85	262.78	2
9657	C11H21I	4-iodo-2-undecene	---	9.15048	2647.2111	180.782	144.01	262.74	2
9658	C11H21I	5-iodo-2-undecene	---	9.16282	2652.0684	180.726	144.17	262.69	2
9659	C11H21I	6-iodo-2-undecene	---	9.17519	2656.9415	180.671	144.33	262.64	2
9660	C11H21I	7-iodo-2-undecene	---	9.18760	2661.8305	180.615	144.49	262.60	2
9661	C11H21I	8-iodo-2-undecene	---	9.20005	2666.7353	180.560	144.65	262.55	2
9662	C11H21I	9-iodo-2-undecene	---	9.21255	2671.6562	180.504	144.81	262.51	2
9663	C11H21I	10-iodo-2-undecene	---	9.22509	2676.5932	180.448	144.97	262.46	2
9664	C11H21I	11-iodo-2-undecene	---	9.23766	2681.5464	180.393	145.13	262.41	2
9665	C11H21N	undecanenitrile	2244-07-7	7.51136	2022.7832	183.784	126.87	283.42	1,2
9666	C11H22	hexylcyclopentane	4457-00-5	7.68657	1885.3314	199.600	82.36	218.92	2
9667	C11H22	pentylcyclohexane	4292-92-6	7.03131	1677.0001	200.198	77.85	235.45	1,2
9668	C11H22	isopentylcyclohexane	54105-76-9	7.30170	1742.4657	201.437	75.07	221.51	2
9669	C11H22	cycloundecane	294-41-7	7.35328	1832.4464	197.010	91.41	242.27	3
9670	C11H22	1-undecene	821-95-4	7.16884	1698.0718	203.153	72.11	222.75	1,2
9671	C11H22	2-undecene	---	7.84372	1934.7367	202.132	80.57	212.88	2
9672	C11H22	cis-2-undecene	821-96-5	7.19777	1689.7295	195.267	77.37	225.49	1,2
9673	C11H22	trans-2-undecene	693-61-8	7.21060	1615.2346	185.345	74.73	215.58	2
9674	C11H22	3-undecene	60669-40-1	7.66574	1866.0146	202.271	77.67	213.89	2
9675	C11H22	4-undecene	---	7.77968	1911.6774	202.522	79.45	213.26	2
9676	C11H22	cis-4-undecene	821-98-7	7.32154	1717.5213	199.059	72.63	215.83	2
9677	C11H22	trans-4-undecene	693-62-9	7.31451	1695.6643	194.742	73.79	215.56	2
9678	C11H22	5-undecene	---	8.03431	2003.3023	201.020	83.77	211.82	2
9679	C11H22	cis-5-undecene	764-96-5	7.29587	1703.9104	198.225	72.41	215.95	2
9680	C11H22	trans-5-undecene	764-97-6	7.24992	1670.7740	194.700	72.63	216.00	2

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mmHg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
9681	C11H22	2-methyl-1-decene	13151-27-4	7.22723	1697.1638	202.767	69.77	216.76	2
9682	C11H22	3-methyl-1-decene	---	7.70810	1885.8893	202.966	78.17	213.69	2
9683	C11H22	4-methyl-1-decene	---	7.70810	1885.8893	202.966	78.17	213.69	2
9684	C11H22	5-methyl-1-decene	---	7.70810	1885.8893	202.966	78.17	213.69	2
9685	C11H22	6-methyl-1-decene	---	7.70810	1885.8893	202.966	78.17	213.69	2
9686	C11H22	7-methyl-1-decene	---	7.70810	1885.8893	202.966	78.17	213.69	2
9687	C11H22	8-methyl-1-decene	---	7.70810	1885.8893	202.966	78.17	213.69	2
9688	C11H22	9-methyl-1-decene	---	7.70810	1885.8893	202.966	78.17	213.69	2
9689	C11H22	3-methyl-2-decene	---	7.70810	1885.8893	202.966	78.17	213.69	2
9690	C11H22	4-methyl-2-decene	---	7.70810	1885.8893	202.966	78.17	213.69	2
9691	C11H22	5-methyl-2-decene	---	7.70810	1885.8893	202.966	78.17	213.69	2
9692	C11H22	6-methyl-2-decene	---	7.70810	1885.8893	202.966	78.17	213.69	2
9693	C11H22	7-methyl-2-decene	---	7.70810	1885.8893	202.966	78.17	213.69	2
9694	C11H22	8-methyl-2-decene	---	7.70810	1885.8893	202.966	78.17	213.69	2
9695	C11H22	9-methyl-2-decene	---	7.70810	1885.8893	202.966	78.17	213.69	2
9696	C11H22	4-methyl-3-decene	---	7.70810	1885.8893	202.966	78.17	213.69	2
9697	C11H22	5-methyl-3-decene	---	7.70810	1885.8893	202.966	78.17	213.69	2
9698	C11H22	6-methyl-3-decene	---	7.70810	1885.8893	202.966	78.17	213.69	2
9699	C11H22	7-methyl-3-decene	---	7.70810	1885.8893	202.966	78.17	213.69	2
9700	C11H22	8-methyl-3-decene	---	7.70810	1885.8893	202.966	78.17	213.69	2
9701	C11H22	9-methyl-3-decene	---	7.70810	1885.8893	202.966	78.17	213.69	2
9702	C11H22	2,3-dimethyl-1-nonene	---	7.41362	1779.6654	204.912	72.57	215.64	2
9703	C11H22	3,3-dimethyl-1-nonene	---	7.41362	1779.6654	204.912	72.57	215.64	2
9704	C11H22	3,4-dimethyl-1-nonene	---	7.41362	1779.6654	204.912	72.57	215.64	2
9705	C11H22	3,5-dimethyl-1-nonene	---	7.41362	1779.6654	204.912	72.57	215.64	2
9706	C11H22	3,6-dimethyl-1-nonene	---	7.41362	1779.6654	204.912	72.57	215.64	2
9707	C11H22	3,7-dimethyl-1-nonene	---	7.41362	1779.6654	204.912	72.57	215.64	2
9708	C11H22	3,8-dimethyl-1-nonene	---	7.41362	1779.6654	204.912	72.57	215.64	2
9709	C11H22	3,4-dimethyl-2-nonene	---	7.41362	1779.6654	204.912	72.57	215.64	2
9710	C11H22	4,4-dimethyl-2-nonene	---	7.41362	1779.6654	204.912	72.57	215.64	2
9711	C11H22	4,5-dimethyl-2-nonene	---	7.41362	1779.6654	204.912	72.57	215.64	2
9712	C11H22	4,6-dimethyl-2-nonene	---	7.41362	1779.6654	204.912	72.57	215.64	2
9713	C11H22	4,7-dimethyl-2-nonene	---	7.41362	1779.6654	204.912	72.57	215.64	2
9714	C11H22	4,8-dimethyl-2-nonene	---	7.41362	1779.6654	204.912	72.57	215.64	2
9715	C11H22	3,3-dimethyl-4-nonene	29022-31-9	7.41362	1779.6654	204.912	72.57	215.64	2
9716	C11H22	3-ethyl-1-nonene	---	7.70810	1885.8893	202.966	78.17	213.69	2
9717	C11H22	4-ethyl-1-nonene	---	7.70810	1885.8893	202.966	78.17	213.69	2
9718	C11H22	5-ethyl-1-nonene	---	7.70810	1885.8893	202.966	78.17	213.69	2
9719	C11H22	6-ethyl-1-nonene	---	7.70810	1885.8893	202.966	78.17	213.69	2
9720	C11H22	7-ethyl-1-nonene	---	7.70810	1885.8893	202.966	78.17	213.69	2
9721	C11H22	8-ethyl-1-nonene	---	7.70810	1885.8893	202.966	78.17	213.69	2
9722	C11H22Br2	1,1-dibromoundecane	62168-28-9	7.85247	2302.0612	173.776	146.00	319.10	2
9723	C11H22Br2	1,2-dibromoundecane	---	7.89174	2318.8504	173.498	162.97	318.84	2
9724	C11H22Br2	1,3-dibromoundecane	---	7.93150	2335.8493	173.220	163.77	318.57	2
9725	C11H22Br2	1,4-dibromoundecane	---	7.97178	2353.0620	172.942	164.57	318.31	2
9726	C11H22Br2	1,5-dibromoundecane	---	8.01258	2370.4925	172.664	165.37	318.05	2
9727	C11H22Br2	1,6-dibromoundecane	---	8.05391	2388.1452	172.386	166.17	317.78	2
9728	C11H22Br2	1,7-dibromoundecane	---	8.09578	2406.0244	172.108	166.97	317.52	2
9729	C11H22Br2	1,8-dibromoundecane	---	8.13820	2424.1345	171.830	167.77	317.27	2
9730	C11H22Br2	1,9-dibromoundecane	---	8.18118	2442.4802	171.552	168.57	317.01	2
9731	C11H22Br2	1,11-dibromoundecane	16696-65-4	8.22474	2461.0662	171.274	169.37	316.75	2
9732	C11H22Br2	1,11-dibromoundecane	---	8.26888	2479.8973	170.996	170.17	316.50	2
9733	C11H22Br2	2,2-dibromoundecane	---	7.48537	2144.8837	176.556	154.17	321.84	2
9734	C11H22Br2	2,3-dibromoundecane	---	7.52012	2159.7770	176.278	154.97	321.56	2
9735	C11H22Br2	2,4-dibromoundecane	---	7.55527	2174.8448	176.000	155.77	321.29	2
9736	C11H22Br2	2,5-dibromoundecane	---	7.59085	2190.0901	175.722	156.57	321.01	2
9737	C11H22Br2	2,6-dibromoundecane	---	7.62687	2205.5163	175.444	157.37	320.73	2
9738	C11H22Br2	2,7-dibromoundecane	---	7.66332	2221.1265	175.166	158.17	320.46	2
9739	C11H22Br2	2,8-dibromoundecane	---	7.70022	2236.9243	174.888	158.97	320.18	2
9740	C11H22Br2	2,9-dibromoundecane	---	7.73758	2252.9130	174.610	159.77	319.91	2
9741	C11H22Br2	2,10-dibromoundecane	---	7.77540	2269.0963	174.332	160.57	319.64	2
9742	C11H22Cl2	1,1-dichloroundecane	822-01-5	7.12639	1978.4406	183.367	139.57	318.20	2
9743	C11H22Cl2	1,2-dichloroundecane	---	6.94811	1894.2323	183.089	135.37	319.86	2
9744	C11H22Cl2	1,3-dichloroundecane	---	6.97703	1906.5620	182.811	136.17	319.55	2
9745	C11H22Cl2	1,4-dichloroundecane	---	7.00627	1919.0234	182.533	136.97	319.25	2
9746	C11H22Cl2	1,5-dichloroundecane	---	7.03583	1931.6186	182.255	137.77	318.94	2
9747	C11H22Cl2	1,6-dichloroundecane	---	7.06572	1944.3499	181.977	138.57	318.64	2
9748	C11H22Cl2	1,7-dichloroundecane	---	7.09594	1957.2196	181.699	139.37	318.34	2
9749	C11H22Cl2	1,8-dichloroundecane	---	7.12650	1970.2300	181.421	140.17	318.05	2
9750	C11H22Cl2	1,9-dichloroundecane	---	7.15741	1983.3835	181.143	140.97	317.75	2
9751	C11H22Cl2	1,10-dichloroundecane	---	7.18867	1996.6826	180.865	141.77	317.46	2
9752	C11H22Cl2	1,11-dichloroundecane	---	7.22028	2010.1296	180.587	142.57	317.16	2
9753	C11H22Cl2	2,2-dichloroundecane	---	6.64957	1766.7179	186.147	126.57	323.33	2
9754	C11H22Cl2	2,3-dichloroundecane	---	6.67531	1777.7304	185.869	127.37	323.00	2
9755	C11H22Cl2	2,4-dichloroundecane	---	6.70132	1788.8535	185.591	128.17	322.68	2
9756	C11H22Cl2	2,5-dichloroundecane	---	6.72760	1800.0888	185.313	128.97	322.36	2
9757	C11H22Cl2	2,6-dichloroundecane	---	6.75415	1811.4381	185.035	129.77	322.04	2
9758	C11H22Cl2	2,7-dichloroundecane	---	6.78099	1822.9033	184.757	130.57	321.73	2
9759	C11H22Cl2	2,8-dichloroundecane	---	6.80811	1834.4861	184.479	131.37	321.41	2
9760	C11H22Cl2	2,9-dichloroundecane	---	6.83551	1846.1885	184.201	132.17	321.10	2

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mmHg}, T - C)$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
9761	C11H22Cl2	2,10-dichloroundecane	---	6.86321	1858.0123	183.923	132.97	320.78	2
9762	C11H22F2	1,1-difluoroundecane	62127-44-0	6.57395	1626.9136	199.908	91.97	279.71	3
9763	C11H22F2	1,2-difluoroundecane	---	6.60057	1637.6082	199.630	92.77	279.38	3
9764	C11H22F2	1,3-difluoroundecane	---	6.62748	1648.4154	199.352	93.57	279.05	3
9765	C11H22F2	1,4-difluoroundecane	---	6.65469	1659.3371	199.074	94.37	278.73	3
9766	C11H22F2	1,5-difluoroundecane	---	6.68220	1670.3752	198.796	95.17	278.41	3
9767	C11H22F2	1,6-difluoroundecane	---	6.71001	1681.5316	198.518	95.97	278.08	3
9768	C11H22F2	1,7-difluoroundecane	---	6.73813	1692.8083	198.240	96.77	277.76	3
9769	C11H22F2	1,8-difluoroundecane	---	6.76657	1704.2074	197.962	97.57	277.45	3
9770	C11H22F2	1,9-difluoroundecane	---	6.79532	1715.7308	197.684	98.37	277.13	3
9771	C11H22F2	1,10-difluoroundecane	---	6.82441	1727.3807	197.406	99.17	276.82	3
9772	C11H22F2	1,11-difluoroundecane	---	6.85382	1739.1592	197.128	99.97	276.50	3
9773	C11H22F2	2,2-difluoroundecane	---	6.32266	1525.7844	202.688	83.97	283.10	3
9774	C11H22F2	2,3-difluoroundecane	---	6.34663	1535.4459	202.410	84.77	282.76	3
9775	C11H22F2	2,4-difluoroundecane	---	6.37084	1545.2035	202.132	85.57	282.41	3
9776	C11H22F2	2,5-difluoroundecane	---	6.39531	1555.0589	201.854	86.37	282.07	3
9777	C11H22F2	2,6-difluoroundecane	---	6.42003	1565.0134	201.576	87.17	281.72	3
9778	C11H22F2	2,7-difluoroundecane	---	6.44501	1575.0687	201.298	87.97	281.38	3
9779	C11H22F2	2,8-difluoroundecane	---	6.47025	1585.2264	201.020	88.77	281.04	3
9780	C11H22F2	2,9-difluoroundecane	---	6.49576	1595.4880	200.742	89.57	280.71	3
9781	C11H22F2	2,10-difluoroundecane	---	6.52155	1605.8553	200.464	90.37	280.37	3
9782	C11H22I2	1,1-diiodoundecane	66142-53-8	8.02167	2612.4644	157.208	214.85	382.58	2
9783	C11H22I2	1,2-diiodoundecane	---	8.05932	2630.1565	156.930	215.65	382.32	2
9784	C11H22I2	1,3-diiodoundecane	---	8.09741	2648.0549	156.652	216.45	382.06	2
9785	C11H22I2	1,4-diiodoundecane	---	8.13596	2666.1634	156.374	217.25	381.80	2
9786	C11H22I2	1,5-diiodoundecane	---	8.17498	2684.4858	156.096	218.05	381.54	2
9787	C11H22I2	1,6-diiodoundecane	---	8.21447	2703.0260	155.818	218.85	381.28	2
9788	C11H22I2	1,7-diiodoundecane	---	8.25444	2721.7879	155.540	219.65	381.03	2
9789	C11H22I2	1,8-diiodoundecane	---	8.29489	2740.7756	155.262	220.45	380.77	2
9790	C11H22I2	1,9-diiodoundecane	---	8.33585	2759.9933	154.984	221.25	380.52	2
9791	C11H22I2	1,10-diiodoundecane	---	8.37732	2779.4452	154.706	222.05	380.27	2
9792	C11H22I2	1,11-diiodoundecane	---	8.41930	2799.1359	154.428	222.85	380.02	2
9793	C11H22I2	2,2-diiodoundecane	---	7.66818	2446.1382	159.988	206.85	385.25	2
9794	C11H22I2	2,3-diiodoundecane	---	7.70175	2461.9524	159.710	207.65	384.98	2
9795	C11H22I2	2,4-diiodoundecane	---	7.73570	2477.9403	159.432	208.45	384.71	2
9796	C11H22I2	2,5-diiodoundecane	---	7.77004	2494.1048	159.154	209.25	384.44	2
9797	C11H22I2	2,6-diiodoundecane	---	7.80476	2510.4490	158.876	210.05	384.17	2
9798	C11H22I2	2,7-diiodoundecane	---	7.83988	2526.9760	158.598	210.85	383.90	2
9799	C11H22I2	2,8-diiodoundecane	---	7.87540	2543.6888	158.320	211.65	383.63	2
9800	C11H22I2	2,9-diiodoundecane	---	7.91133	2560.5907	158.042	212.45	383.37	2
9801	C11H22I2	2,10-diiodoundecane	---	7.94769	2577.6850	157.764	213.25	383.10	2
9802	C11H22N2	(S)-1-((1-methyl-2-pyrrolidinyl)methyl)piperidine	84466-85-3	5.59319	1350.3731	192.124	61.02	367.88	3
9803	C11H22O	4-tert-amylcyclohexanol	5349-51-9	7.28080	1939.7049	190.880	117.95	282.34	2
9804	C11H22O	undecanal	112-44-7	7.44764	1936.4871	194.070	106.27	259.89	2
9805	C11H22O	2-methyldecanal	19009-56-4	7.40317	1918.2562	194.209	105.37	260.21	2
9806	C11H22O	3-methyldecanal	77772-07-7	7.40317	1918.2562	194.209	105.37	260.21	2
9807	C11H22O	4-methyldecanal	---	7.40317	1918.2562	194.209	105.37	260.21	2
9808	C11H22O	5-methyldecanal	---	7.40317	1918.2562	194.209	105.37	260.21	2
9809	C11H22O	6-methyldecanal	---	7.40317	1918.2562	194.209	105.37	260.21	2
9810	C11H22O	7-methyldecanal	---	7.40317	1918.2562	194.209	105.37	260.21	2
9811	C11H22O	8-methyldecanal	---	7.40317	1918.2562	194.209	105.37	260.21	2
9812	C11H22O	9-methyldecanal	---	7.40317	1918.2562	194.209	105.37	260.21	2
9813	C11H22O	2,2-dimethylnonanal	---	7.31054	1882.1082	194.918	103.33	260.94	2
9814	C11H22O	2,3-dimethylnonanal	---	7.31054	1882.1082	194.918	103.33	260.94	2
9815	C11H22O	2,4-dimethylnonanal	---	7.31054	1882.1082	194.918	103.33	260.94	2
9816	C11H22O	2,5-dimethylnonanal	---	7.31054	1882.1082	194.918	103.33	260.94	2
9817	C11H22O	2,6-dimethylnonanal	---	7.31054	1882.1082	194.918	103.33	260.94	2
9818	C11H22O	2,7-dimethylnonanal	---	7.31054	1882.1082	194.918	103.33	260.94	2
9819	C11H22O	2,8-dimethylnonanal	---	7.31054	1882.1082	194.918	103.33	260.94	2
9820	C11H22O	2-undecanone	112-12-9	7.40910	1909.0259	192.728	105.13	258.87	1,2
9821	C11H22O	3-undecanone	2216-87-7	7.44442	1916.7537	192.958	104.47	256.71	1,2
9822	C11H22O	4-undecanone	14476-37-0	7.85999	2070.5549	190.880	110.95	251.72	2
9823	C11H22O	5-undecanone	33083-83-9	7.52347	1940.2654	192.958	104.47	253.94	2
9824	C11H22O	6-undecanone	927-49-1	7.90312	2056.7867	192.680	105.27	242.96	1,2
9825	C11H22O	3-methyl-2-decanone	---	7.20636	1818.9217	195.544	97.53	256.42	2
9826	C11H22O	4-methyl-2-decanone	---	7.20636	1818.9217	195.544	97.53	256.42	2
9827	C11H22O	5-methyl-2-decanone	---	7.20636	1818.9217	195.544	97.53	256.42	2
9828	C11H22O	6-methyl-2-decanone	---	7.20636	1818.9217	195.544	97.53	256.42	2
9829	C11H22O	7-methyl-2-decanone	---	7.20636	1818.9217	195.544	97.53	256.42	2
9830	C11H22O	8-methyl-2-decanone	---	7.20636	1818.9217	195.544	97.53	256.42	2
9831	C11H22O	9-methyl-2-decanone	---	7.20636	1818.9217	195.544	97.53	256.42	2
9832	C11H22O	2-methyl-3-decanone	5463-82-1	7.20636	1818.9217	195.544	97.53	256.42	2
9833	C11H22O	4-methyl-3-decanone	---	7.20636	1818.9217	195.544	97.53	256.42	2
9834	C11H22O	5-methyl-3-decanone	---	7.20636	1818.9217	195.544	97.53	256.42	2
9835	C11H22O	6-methyl-3-decanone	---	7.20636	1818.9217	195.544	97.53	256.42	2
9836	C11H22O	7-methyl-3-decanone	---	7.20636	1818.9217	195.544	97.53	256.42	2
9837	C11H22O	8-methyl-3-decanone	---	7.20636	1818.9217	195.544	97.53	256.42	2
9838	C11H22O	9-methyl-3-decanone	---	7.20636	1818.9217	195.544	97.53	256.42	2
9839	C11H22O	2-methyl-4-decanone	6628-25-7	7.20636	1818.9217	195.544	97.53	256.42	2
9840	C11H22O	3-methyl-4-decanone	---	7.20636	1818.9217	195.544	97.53	256.42	2

Table 1 Vapor Pressure – Organic Compounds

log ₁₀ P = A - B/(T + C) (P - mmHg, T - C)									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
9841	C11H22O	5-methyl-4-decanone	---	7.20636	1818.9217	195.544	97.53	256.42	2
9842	C11H22O	6-methyl-4-decanone	---	7.20636	1818.9217	195.544	97.53	256.42	2
9843	C11H22O	7-methyl-4-decanone	---	7.20636	1818.9217	195.544	97.53	256.42	2
9844	C11H22O	8-methyl-4-decanone	---	7.20636	1818.9217	195.544	97.53	256.42	2
9845	C11H22O	9-methyl-4-decanone	---	7.20636	1818.9217	195.544	97.53	256.42	2
9846	C11H22O	2-methyl-5-decanone	---	7.20636	1818.9217	195.544	97.53	256.42	2
9847	C11H22O	3-methyl-5-decanone	---	7.20636	1818.9217	195.544	97.53	256.42	2
9848	C11H22O	4-methyl-5-decanone	---	7.20636	1818.9217	195.544	97.53	256.42	2
9849	C11H22O	6-methyl-5-decanone	---	7.20636	1818.9217	195.544	97.53	256.42	2
9850	C11H22O	7-methyl-5-decanone	---	7.20636	1818.9217	195.544	97.53	256.42	2
9851	C11H22O	8-methyl-5-decanone	---	7.20636	1818.9217	195.544	97.53	256.42	2
9852	C11H22O	9-methyl-5-decanone	---	7.20636	1818.9217	195.544	97.53	256.42	2
9853	C11H22O	2-undecen-1-ol	37617-03-1	7.19773	1951.6049	187.120	127.77	298.85	2
9854	C11H22O	3-undecen-1-ol	---	7.19773	1951.6049	187.120	127.77	298.85	2
9855	C11H22O	4-undecen-1-ol	---	7.19773	1951.6049	187.120	127.77	298.85	2
9856	C11H22O	5-undecen-1-ol	---	7.19773	1951.6049	187.120	127.77	298.85	2
9857	C11H22O	6-undecen-1-ol	---	7.19773	1951.6049	187.120	127.77	298.85	2
9858	C11H22O	7-undecen-1-ol	95008-95-0	7.19773	1951.6049	187.120	127.77	298.85	2
9859	C11H22O	8-undecen-1-ol	95008-94-9	7.19773	1951.6049	187.120	127.77	298.85	2
9860	C11H22O	9-undecen-1-ol	112-46-9	7.17971	1943.4595	187.120	127.37	299.00	2
9861	C11H22O	10-undecen-1-ol	112-43-6	7.13193	1923.6322	187.537	126.17	299.45	2
9862	C11H22O	1-methyl-2-decen-1-ol	---	6.89225	1824.6554	189.900	119.77	301.87	2
9863	C11H22O	2-methyl-2-decen-1-ol	---	6.89225	1824.6554	189.900	119.77	301.87	2
9864	C11H22O	3-methyl-2-decen-1-ol	---	6.89225	1824.6554	189.900	119.77	301.87	2
9865	C11H22O	4-methyl-2-decen-1-ol	---	6.89225	1824.6554	189.900	119.77	301.87	2
9866	C11H22O	5-methyl-2-decen-1-ol	---	6.89225	1824.6554	189.900	119.77	301.87	2
9867	C11H22O	6-methyl-2-decen-1-ol	---	6.89225	1824.6554	189.900	119.77	301.87	2
9868	C11H22O	7-methyl-2-decen-1-ol	---	6.89225	1824.6554	189.900	119.77	301.87	2
9869	C11H22O	8-methyl-2-decen-1-ol	---	6.89225	1824.6554	189.900	119.77	301.87	2
9870	C11H22O	9-methyl-2-decen-1-ol	---	6.89225	1824.6554	189.900	119.77	301.87	2
9871	C11H22O	1-methyl-3-decen-1-ol	---	6.89225	1824.6554	189.900	119.77	301.87	2
9872	C11H22O	2-methyl-3-decen-1-ol	---	6.89225	1824.6554	189.900	119.77	301.87	2
9873	C11H22O	3-methyl-3-decen-1-ol	---	6.89225	1824.6554	189.900	119.77	301.87	2
9874	C11H22O	4-methyl-3-decen-1-ol	---	6.89225	1824.6554	189.900	119.77	301.87	2
9875	C11H22O	5-methyl-3-decen-1-ol	---	6.89225	1824.6554	189.900	119.77	301.87	2
9876	C11H22O	6-methyl-3-decen-1-ol	---	6.89225	1824.6554	189.900	119.77	301.87	2
9877	C11H22O	7-methyl-3-decen-1-ol	---	6.89225	1824.6554	189.900	119.77	301.87	2
9878	C11H22O	8-methyl-3-decen-1-ol	---	6.89225	1824.6554	189.900	119.77	301.87	2
9879	C11H22O	9-methyl-3-decen-1-ol	---	6.89225	1824.6554	189.900	119.77	301.87	2
9880	C11H22O	1-methyl-4-decen-1-ol	---	6.89225	1824.6554	189.900	119.77	301.87	2
9881	C11H22O	2-methyl-4-decen-1-ol	---	6.89225	1824.6554	189.900	119.77	301.87	2
9882	C11H22O	3-methyl-4-decen-1-ol	---	6.89225	1824.6554	189.900	119.77	301.87	2
9883	C11H22O	4-methyl-4-decen-1-ol	---	6.89225	1824.6554	189.900	119.77	301.87	2
9884	C11H22O	5-methyl-4-decen-1-ol	---	6.89225	1824.6554	189.900	119.77	301.87	2
9885	C11H22O	6-methyl-4-decen-1-ol	---	6.89225	1824.6554	189.900	119.77	301.87	2
9886	C11H22O	7-methyl-4-decen-1-ol	---	6.89225	1824.6554	189.900	119.77	301.87	2
9887	C11H22O	8-methyl-4-decen-1-ol	---	6.89225	1824.6554	189.900	119.77	301.87	2
9888	C11H22O	9-methyl-4-decen-1-ol	---	6.89225	1824.6554	189.900	119.77	301.87	2
9889	C11H22O	1-methyl-5-decen-1-ol	---	6.89225	1824.6554	189.900	119.77	301.87	2
9890	C11H22O	2-methyl-5-decen-1-ol	---	6.89225	1824.6554	189.900	119.77	301.87	2
9891	C11H22O	3-methyl-5-decen-1-ol	---	6.89225	1824.6554	189.900	119.77	301.87	2
9892	C11H22O	4-methyl-5-decen-1-ol	---	6.89225	1824.6554	189.900	119.77	301.87	2
9893	C11H22O	5-methyl-5-decen-1-ol	---	6.89225	1824.6554	189.900	119.77	301.87	2
9894	C11H22O	6-methyl-5-decen-1-ol	---	6.89225	1824.6554	189.900	119.77	301.87	2
9895	C11H22O	7-methyl-5-decen-1-ol	---	6.89225	1824.6554	189.900	119.77	301.87	2
9896	C11H22O	8-methyl-5-decen-1-ol	---	6.89225	1824.6554	189.900	119.77	301.87	2
9897	C11H22O	9-methyl-5-decen-1-ol	---	6.89225	1824.6554	189.900	119.77	301.87	2
9898	C11H22O	1-methyl-6-decen-1-ol	---	6.89225	1824.6554	189.900	119.77	301.87	2
9899	C11H22O	2-methyl-6-decen-1-ol	---	6.89225	1824.6554	189.900	119.77	301.87	2
9900	C11H22O	3-methyl-6-decen-1-ol	---	6.89225	1824.6554	189.900	119.77	301.87	2
9901	C11H22O	4-methyl-6-decen-1-ol	---	6.89225	1824.6554	189.900	119.77	301.87	2
9902	C11H22O	5-methyl-6-decen-1-ol	---	6.89225	1824.6554	189.900	119.77	301.87	2
9903	C11H22O	6-methyl-6-decen-1-ol	---	6.89225	1824.6554	189.900	119.77	301.87	2
9904	C11H22O	7-methyl-6-decen-1-ol	---	6.89225	1824.6554	189.900	119.77	301.87	2
9905	C11H22O	8-methyl-6-decen-1-ol	---	6.89225	1824.6554	189.900	119.77	301.87	2
9906	C11H22O	9-methyl-6-decen-1-ol	---	6.89225	1824.6554	189.900	119.77	301.87	2
9907	C11H22O	1-methyl-7-decen-1-ol	---	6.89225	1824.6554	189.900	119.77	301.87	2
9908	C11H22O	2-methyl-7-decen-1-ol	---	6.89225	1824.6554	189.900	119.77	301.87	2
9909	C11H22O	3-methyl-7-decen-1-ol	---	6.89225	1824.6554	189.900	119.77	301.87	2
9910	C11H22O	4-methyl-7-decen-1-ol	---	6.89225	1824.6554	189.900	119.77	301.87	2
9911	C11H22O	5-methyl-7-decen-1-ol	---	6.89225	1824.6554	189.900	119.77	301.87	2
9912	C11H22O	6-methyl-7-decen-1-ol	---	6.89225	1824.6554	189.900	119.77	301.87	2
9913	C11H22O	7-methyl-7-decen-1-ol	---	6.89225	1824.6554	189.900	119.77	301.87	2
9914	C11H22O	8-methyl-7-decen-1-ol	---	6.89225	1824.6554	189.900	119.77	301.87	2
9915	C11H22O	9-methyl-7-decen-1-ol	---	6.89225	1824.6554	189.900	119.77	301.87	2
9916	C11H22O	1-methyl-8-decen-1-ol	---	6.89225	1824.6554	189.900	119.77	301.87	2
9917	C11H22O	2-methyl-8-decen-1-ol	---	6.89225	1824.6554	189.900	119.77	301.87	2
9918	C11H22O	3-methyl-8-decen-1-ol	---	6.89225	1824.6554	189.900	119.77	301.87	2
9919	C11H22O	4-methyl-8-decen-1-ol	---	6.89225	1824.6554	189.900	119.77	301.87	2
9920	C11H22O	5-methyl-8-decen-1-ol	---	6.89225	1824.6554	189.900	119.77	301.87	2

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mmHg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
9921	C11H22O	6-methyl-8-decen-1-ol	---	6.89225	1824.6554	189.900	119.77	301.87	2
9922	C11H22O	7-methyl-8-decen-1-ol	---	6.89225	1824.6554	189.900	119.77	301.87	2
9923	C11H22O	8-methyl-8-decen-1-ol	---	6.89225	1824.6554	189.900	119.77	301.87	2
9924	C11H22O	9-methyl-8-decen-1-ol	---	6.89225	1824.6554	189.900	119.77	301.87	2
9925	C11H22O	1-methyl-9-decen-1-ol	---	6.89225	1824.6554	189.900	119.77	301.87	2
9926	C11H22O	2-methyl-9-decen-1-ol	---	6.89225	1824.6554	189.900	119.77	301.87	2
9927	C11H22O	3-methyl-9-decen-1-ol	---	6.89225	1824.6554	189.900	119.77	301.87	2
9928	C11H22O	4-methyl-9-decen-1-ol	---	6.89225	1824.6554	189.900	119.77	301.87	2
9929	C11H22O	5-methyl-9-decen-1-ol	---	6.89225	1824.6554	189.900	119.77	301.87	2
9930	C11H22O	6-methyl-9-decen-1-ol	---	6.89225	1824.6554	189.900	119.77	301.87	2
9931	C11H22O	7-methyl-9-decen-1-ol	---	6.89225	1824.6554	189.900	119.77	301.87	2
9932	C11H22O	8-methyl-9-decen-1-ol	---	6.89225	1824.6554	189.900	119.77	301.87	2
9933	C11H22O	9-methyl-9-decen-1-ol	---	6.89225	1824.6554	189.900	119.77	301.87	2
9934	C11H22O	2-undecen-4-ol	22381-86-8	7.07136	1899.1356	188.232	124.57	300.04	2
9935	C11H22O2	undecanoic acid	112-37-8	7.70066	2222.4900	177.112	154.57	314.72	1,2
9936	C11H22O2	2-methyldecanoic acid	24323-23-7	7.58639	2155.3647	179.475	147.77	309.87	2
9937	C11H22O2	3-methyldecanoic acid	60308-82-9	7.58639	2155.3647	179.475	147.77	309.87	2
9938	C11H22O2	4-methyldecanoic acid	---	7.58639	2155.3647	179.475	147.77	309.87	2
9939	C11H22O2	5-methyldecanoic acid	---	7.58639	2155.3647	179.475	147.77	309.87	2
9940	C11H22O2	6-methyldecanoic acid	53696-14-3	7.58639	2155.3647	179.475	147.77	309.87	2
9941	C11H22O2	7-methyldecanoic acid	---	7.58639	2155.3647	179.475	147.77	309.87	2
9942	C11H22O2	8-methyldecanoic acid	5601-60-5	7.58639	2155.3647	179.475	147.77	309.87	2
9943	C11H22O2	9-methyldecanoic acid	---	7.58639	2155.3647	179.475	147.77	309.87	2
9944	C11H22O2	2,2-dimethylnonanoic acid	14250-75-0	7.30964	2038.4506	181.699	141.37	312.14	2
9945	C11H22O2	2,3-dimethylnonanoic acid	---	7.30964	2038.4506	181.699	141.37	312.14	2
9946	C11H22O2	2,4-dimethylnonanoic acid	---	7.30964	2038.4506	181.699	141.37	312.14	2
9947	C11H22O2	2,5-dimethylnonanoic acid	---	7.30964	2038.4506	181.699	141.37	312.14	2
9948	C11H22O2	2,6-dimethylnonanoic acid	---	7.30964	2038.4506	181.699	141.37	312.14	2
9949	C11H22O2	2,7-dimethylnonanoic acid	---	7.30964	2038.4506	181.699	141.37	312.14	2
9950	C11H22O2	2,8-dimethylnonanoic acid	---	7.30964	2038.4506	181.699	141.37	312.14	2
9951	C11H22O2	2-ethylnonanoic acid	14276-84-7	7.44471	2095.5443	180.587	144.57	310.99	2
9952	C11H22O2	3-ethylnonanoic acid	---	7.44471	2095.5443	180.587	144.57	310.99	2
9953	C11H22O2	4-ethylnonanoic acid	---	7.44471	2095.5443	180.587	144.57	310.99	2
9954	C11H22O2	5-ethylnonanoic acid	---	7.44471	2095.5443	180.587	144.57	310.99	2
9955	C11H22O2	6-ethylnonanoic acid	---	7.44471	2095.5443	180.587	144.57	310.99	2
9956	C11H22O2	7-ethylnonanoic acid	---	7.44471	2095.5443	180.587	144.57	310.99	2
9957	C11H22O2	decyl formate	5451-52-5	8.61990	2349.0661	188.510	119.77	243.46	2
9958	C11H22O2	1-methylnonyl formate	---	8.10875	2154.3807	191.290	111.77	245.98	2
9959	C11H22O2	2-methylnonyl formate	---	8.10875	2154.3807	191.290	111.77	245.98	2
9960	C11H22O2	3-methylnonyl formate	---	8.10875	2154.3807	191.290	111.77	245.98	2
9961	C11H22O2	4-methylnonyl formate	---	8.10875	2154.3807	191.290	111.77	245.98	2
9962	C11H22O2	5-methylnonyl formate	---	8.10875	2154.3807	191.290	111.77	245.98	2
9963	C11H22O2	6-methylnonyl formate	---	8.10875	2154.3807	191.290	111.77	245.98	2
9964	C11H22O2	7-methylnonyl formate	---	8.10875	2154.3807	191.290	111.77	245.98	2
9965	C11H22O2	8-methylnonyl formate	---	8.10875	2154.3807	191.290	111.77	245.98	2
9966	C11H22O2	1,1-dimethyloctyl formate	---	7.66748	1985.8457	194.070	103.77	248.64	2
9967	C11H22O2	1,2-dimethyloctyl formate	---	7.66748	1985.8457	194.070	103.77	248.64	2
9968	C11H22O2	1,3-dimethyloctyl formate	---	7.66748	1985.8457	194.070	103.77	248.64	2
9969	C11H22O2	1,4-dimethyloctyl formate	---	7.66748	1985.8457	194.070	103.77	248.64	2
9970	C11H22O2	1,5-dimethyloctyl formate	---	7.66748	1985.8457	194.070	103.77	248.64	2
9971	C11H22O2	1,6-dimethyloctyl formate	---	7.66748	1985.8457	194.070	103.77	248.64	2
9972	C11H22O2	1,7-dimethyloctyl formate	---	7.66748	1985.8457	194.070	103.77	248.64	2
9973	C11H22O2	1-ethyloctyl formate	---	7.83655	2050.4745	192.958	106.97	247.56	2
9974	C11H22O2	2-ethyloctyl formate	---	7.83655	2050.4745	192.958	106.97	247.56	2
9975	C11H22O2	3-ethyloctyl formate	---	7.83655	2050.4745	192.958	106.97	247.56	2
9976	C11H22O2	4-ethyloctyl formate	---	7.83655	2050.4745	192.958	106.97	247.56	2
9977	C11H22O2	5-ethyloctyl formate	---	7.83655	2050.4745	192.958	106.97	247.56	2
9978	C11H22O2	6-ethyloctyl formate	---	7.83655	2050.4745	192.958	106.97	247.56	2
9979	C11H22O2	7-ethyloctyl formate	---	7.83655	2050.4745	192.958	106.97	247.56	2
9980	C11H22O2	nonyl acetate	143-13-5	7.20253	1806.1672	197.128	94.07	252.09	2
9981	C11H22O2	1-methyloctyl acetate	14936-66-4	7.07457	1758.5168	198.518	90.97	253.23	2
9982	C11H22O2	2-methyloctyl acetate	---	7.07457	1758.5168	198.518	90.97	253.23	2
9983	C11H22O2	3-methyloctyl acetate	---	7.07457	1758.5168	198.518	90.97	253.23	2
9984	C11H22O2	4-methyloctyl acetate	---	7.07457	1758.5168	198.518	90.97	253.23	2
9985	C11H22O2	5-methyloctyl acetate	---	7.07457	1758.5168	198.518	90.97	253.23	2
9986	C11H22O2	6-methyloctyl acetate	---	7.07457	1758.5168	198.518	90.97	253.23	2
9987	C11H22O2	7-methyloctyl acetate	40379-24-6	7.07457	1758.5168	198.518	90.97	253.23	2
9988	C11H22O2	1,1-dimethylheptyl acetate	---	6.91254	1696.1803	199.908	86.97	254.75	2
9989	C11H22O2	1,2-dimethylheptyl acetate	---	6.91254	1696.1803	199.908	86.97	254.75	2
9990	C11H22O2	1,3-dimethylheptyl acetate	---	6.91254	1696.1803	199.908	86.97	254.75	2
9991	C11H22O2	1,4-dimethylheptyl acetate	---	6.91254	1696.1803	199.908	86.97	254.75	2
9992	C11H22O2	1,5-dimethylheptyl acetate	---	6.91254	1696.1803	199.908	86.97	254.75	2
9993	C11H22O2	1,6-dimethylheptyl acetate	---	6.91254	1696.1803	199.908	86.97	254.75	2
9994	C11H22O2	3,5,5-trimethylhexyl acetate	58430-94-7	6.75992	1637.3629	201.298	82.97	256.31	2
9995	C11H22O2	1-ethylheptyl acetate	60826-15-5	7.75085	2017.7216	193.514	105.37	248.10	2
9996	C11H22O2	2-ethylheptyl acetate	---	7.21156	1811.1439	197.406	94.17	252.04	2
9997	C11H22O2	3-ethylheptyl acetate	---	7.21156	1811.1439	197.406	94.17	252.04	2
9998	C11H22O2	4-ethylheptyl acetate	---	7.21156	1811.1439	197.406	94.17	252.04	2
9999	C11H22O2	5-ethylheptyl acetate	---	7.21156	1811.1439	197.406	94.17	252.04	2
10000	C11H22O2	6-ethylheptyl acetate	---	7.21156	1811.1439	197.406	94.17	252.04	2

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mmHg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
10001	C11H22O2	octyl propanoate	142-60-9	7.69187	1991.2830	193.097	104.47	248.43	2
10002	C11H22O2	1-methylheptyl propanoate	---	7.30841	1844.8785	195.877	96.57	251.20	2
10003	C11H22O2	2-methylheptyl propanoate	---	7.30841	1844.8785	195.877	96.57	251.20	2
10004	C11H22O2	3-methylheptyl propanoate	---	7.30841	1844.8785	195.877	96.57	251.20	2
10005	C11H22O2	4-methylheptyl propanoate	---	7.30841	1844.8785	195.877	96.57	251.20	2
10006	C11H22O2	5-methylheptyl propanoate	---	7.30841	1844.8785	195.877	96.57	251.20	2
10007	C11H22O2	6-methylheptyl propanoate	---	7.30841	1844.8785	195.877	96.57	251.20	2
10008	C11H22O2	1,1-dimethylhexyl propanoate	---	6.96629	1713.6818	198.657	88.57	254.16	2
10009	C11H22O2	1,2-dimethylhexyl propanoate	---	6.96629	1713.6818	198.657	88.57	254.16	2
10010	C11H22O2	1,3-dimethylhexyl propanoate	---	6.96629	1713.6818	198.657	88.57	254.16	2
10011	C11H22O2	1,4-dimethylhexyl propanoate	---	6.96629	1713.6818	198.657	88.57	254.16	2
10012	C11H22O2	1,5-dimethylhexyl propanoate	---	6.96629	1713.6818	198.657	88.57	254.16	2
10013	C11H22O2	1-ethylhexyl propanoate	---	7.09805	1764.2590	197.545	91.77	252.96	2
10014	C11H22O2	2-ethylhexyl propanoate	---	7.09805	1764.2590	197.545	91.77	252.96	2
10015	C11H22O2	3-ethylhexyl propanoate	---	7.09805	1764.2590	197.545	91.77	252.96	2
10016	C11H22O2	4-ethylhexyl propanoate	---	7.09805	1764.2590	197.545	91.77	252.96	2
10017	C11H22O2	5-ethylhexyl propanoate	---	7.09805	1764.2590	197.545	91.77	252.96	2
10018	C11H22O2	heptyl butanoate	5870-93-9	7.62014	1962.2514	193.236	103.17	248.88	2
10019	C11H22O2	1-methylhexyl butanoate	---	7.29026	1837.9291	196.016	96.17	251.34	2
10020	C11H22O2	2-methylhexyl butanoate	---	7.29026	1837.9291	196.016	96.17	251.34	2
10021	C11H22O2	3-methylhexyl butanoate	---	7.29026	1837.9291	196.016	96.17	251.34	2
10022	C11H22O2	4-methylhexyl butanoate	---	7.29026	1837.9291	196.016	96.17	251.34	2
10023	C11H22O2	5-methylhexyl butanoate	---	7.29026	1837.9291	196.016	96.17	251.34	2
10024	C11H22O2	1,1-dimethylpentyl butanoate	---	6.95027	1707.5267	198.796	88.17	254.32	2
10025	C11H22O2	1,2-dimethylpentyl butanoate	---	6.95027	1707.5267	198.796	88.17	254.32	2
10026	C11H22O2	1,3-dimethylpentyl butanoate	---	6.95027	1707.5267	198.796	88.17	254.32	2
10027	C11H22O2	1,4-dimethylpentyl butanoate	---	6.95027	1707.5267	198.796	88.17	254.32	2
10028	C11H22O2	1-ethylpentyl butanoate	---	7.08122	1757.8038	197.684	91.37	253.11	2
10029	C11H22O2	2-ethylpentyl butanoate	---	7.08122	1757.8038	197.684	91.37	253.11	2
10030	C11H22O2	3-ethylpentyl butanoate	---	7.08122	1757.8038	197.684	91.37	253.11	2
10031	C11H22O2	4-ethylpentyl butanoate	---	7.08122	1757.8038	197.684	91.37	253.11	2
10032	C11H22O2	heptyl isobutanoate	2349-13-5	7.29026	1837.9291	196.016	96.17	251.34	2
10033	C11H22O2	1-methylhexyl isobutanoate	---	6.95027	1707.5267	198.796	88.17	254.32	2
10034	C11H22O2	2-methylhexyl isobutanoate	---	6.95027	1707.5267	198.796	88.17	254.32	2
10035	C11H22O2	3-methylhexyl isobutanoate	---	6.95027	1707.5267	198.796	88.17	254.32	2
10036	C11H22O2	4-methylhexyl isobutanoate	---	6.95027	1707.5267	198.796	88.17	254.32	2
10037	C11H22O2	5-methylhexyl isobutanoate	---	6.95027	1707.5267	198.796	88.17	254.32	2
10038	C11H22O2	1,1-dimethylpentyl isobutanoate	---	6.64896	1591.5725	201.576	80.17	257.47	2
10039	C11H22O2	1,2-dimethylpentyl isobutanoate	---	6.64896	1591.5725	201.576	80.17	257.47	2
10040	C11H22O2	1,3-dimethylpentyl isobutanoate	---	6.64896	1591.5725	201.576	80.17	257.47	2
10041	C11H22O2	1,4-dimethylpentyl isobutanoate	---	6.64896	1591.5725	201.576	80.17	257.47	2
10042	C11H22O2	1-ethylpentyl isobutanoate	---	6.76527	1636.3819	200.464	83.37	256.19	2
10043	C11H22O2	2-ethylpentyl isobutanoate	---	6.76527	1636.3819	200.464	83.37	256.19	2
10044	C11H22O2	3-ethylpentyl isobutanoate	---	6.76527	1636.3819	200.464	83.37	256.19	2
10045	C11H22O2	4-ethylpentyl isobutanoate	---	6.76527	1636.3819	200.464	83.37	256.19	2
10046	C11H22O2	hexyl pentanoate	1117-59-5	7.63234	1966.9057	193.153	103.41	248.80	2
10047	C11H22O2	1-methylpentyl pentanoate	7150-92-7	7.30114	1842.0935	195.933	96.41	251.25	2
10048	C11H22O2	2-methylpentyl pentanoate	---	7.30114	1842.0935	195.933	96.41	251.25	2
10049	C11H22O2	3-methylpentyl pentanoate	---	7.30114	1842.0935	195.933	96.41	251.25	2
10050	C11H22O2	4-methylpentyl pentanoate	---	7.30114	1842.0935	195.933	96.41	251.25	2
10051	C11H22O2	1,1-dimethylbutyl pentanoate	---	6.95987	1711.2154	198.713	88.41	254.23	2
10052	C11H22O2	1,2-dimethylbutyl pentanoate	---	6.95987	1711.2154	198.713	88.41	254.23	2
10053	C11H22O2	1,3-dimethylbutyl pentanoate	---	6.95987	1711.2154	198.713	88.41	254.23	2
10054	C11H22O2	1-ethylbutyl pentanoate	---	7.09131	1761.6723	197.601	91.61	253.02	2
10055	C11H22O2	2-ethylbutyl pentanoate	---	7.09131	1761.6723	197.601	91.61	253.02	2
10056	C11H22O2	3-ethylbutyl pentanoate	---	7.09131	1761.6723	197.601	91.61	253.02	2
10057	C11H22O2	hexyl isopentanoate	10032-13-0	7.25431	1824.1599	196.294	95.37	251.63	2
10058	C11H22O2	1-methylpentyl isopentanoate	---	6.95987	1711.2154	198.713	88.41	254.23	2
10059	C11H22O2	2-methylpentyl isopentanoate	---	6.95987	1711.2154	198.713	88.41	254.23	2
10060	C11H22O2	3-methylpentyl isopentanoate	---	6.95987	1711.2154	198.713	88.41	254.23	2
10061	C11H22O2	4-methylpentyl isopentanoate	---	6.95987	1711.2154	198.713	88.41	254.23	2
10062	C11H22O2	1,1-dimethylbutyl isopentanoate	---	6.65750	1594.8645	201.493	80.41	257.37	2
10063	C11H22O2	1,2-dimethylbutyl isopentanoate	---	6.65750	1594.8645	201.493	80.41	257.37	2
10064	C11H22O2	1,3-dimethylbutyl isopentanoate	---	6.65750	1594.8645	201.493	80.41	257.37	2
10065	C11H22O2	1-ethylbutyl isopentanoate	---	6.77421	1639.8243	200.381	83.61	256.09	2
10066	C11H22O2	2-ethylbutyl isopentanoate	---	6.77421	1639.8243	200.381	83.61	256.09	2
10067	C11H22O2	3-ethylbutyl isopentanoate	---	6.77421	1639.8243	200.381	83.61	256.09	2
10068	C11H22O2	hexyl sec-pentanoate	10032-15-2	6.87158	1677.2842	199.491	86.17	255.09	2
10069	C11H22O2	1-methylpentyl sec-pentanoate	---	6.95987	1711.2154	198.713	88.41	254.23	2
10070	C11H22O2	2-methylpentyl sec-pentanoate	---	6.95987	1711.2154	198.713	88.41	254.23	2
10071	C11H22O2	3-methylpentyl sec-pentanoate	---	6.95987	1711.2154	198.713	88.41	254.23	2
10072	C11H22O2	4-methylpentyl sec-pentanoate	---	6.95987	1711.2154	198.713	88.41	254.23	2
10073	C11H22O2	1,1-dimethylbutyl sec-pentanoate	---	6.65750	1594.8645	201.493	80.41	257.37	2
10074	C11H22O2	1,2-dimethylbutyl sec-pentanoate	---	6.65750	1594.8645	201.493	80.41	257.37	2
10075	C11H22O2	1,3-dimethylbutyl sec-pentanoate	---	6.65750	1594.8645	201.493	80.41	257.37	2
10076	C11H22O2	1-ethylbutyl sec-pentanoate	---	6.77421	1639.8243	200.381	83.61	256.09	2
10077	C11H22O2	2-ethylbutyl sec-pentanoate	---	6.77421	1639.8243	200.381	83.61	256.09	2
10078	C11H22O2	3-ethylbutyl sec-pentanoate	---	6.77421	1639.8243	200.381	83.61	256.09	2
10079	C11H22O2	hexyl tert-pentanoate	5434-57-1	6.95987	1711.2154	198.713	88.41	254.23	2
10080	C11H22O2	1-methylpentyl tert-pentanoate	---	6.65750	1594.8645	201.493	80.41	257.37	2

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mmHg}, T - C)$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
10081	C11H22O2	2-methylpentyl tert-pentanoate	---	6.65750	1594.8645	201.493	80.41	257.37	2
10082	C11H22O2	3-methylpentyl tert-pentanoate	---	6.65750	1594.8645	201.493	80.41	257.37	2
10083	C11H22O2	4-methylpentyl tert-pentanoate	---	6.65750	1594.8645	201.493	80.41	257.37	2
10084	C11H22O2	1,1-dimethylbutyl tert-pentanoate	---	6.38772	1490.6912	204.273	72.41	260.71	2
10085	C11H22O2	1,2-dimethylbutyl tert-pentanoate	---	6.38772	1490.6912	204.273	72.41	260.71	2
10086	C11H22O2	1,3-dimethylbutyl tert-pentanoate	---	6.38772	1490.6912	204.273	72.41	260.71	2
10087	C11H22O2	1-ethylbutyl tert-pentanoate	---	6.49207	1531.0280	203.161	75.61	259.35	2
10088	C11H22O2	2-ethylbutyl tert-pentanoate	---	6.49207	1531.0280	203.161	75.61	259.35	2
10089	C11H22O2	3-ethylbutyl tert-pentanoate	---	6.49207	1531.0280	203.161	75.61	259.35	2
10090	C11H22O2	pentyl hexanoate	540-07-8	7.62014	1962.2514	193.236	103.17	248.88	2
10091	C11H22O2	isopentyl hexanoate	2198-61-0	7.59992	1954.5353	193.375	102.77	249.02	2
10092	C11H22O2	butyl heptanoate	5454-28-4	7.62827	1965.3522	193.181	103.33	248.83	2
10093	C11H22O2	isobutyl heptanoate	7779-80-8	6.96939	1713.2762	198.240	88.77	254.10	2
10094	C11H22O2	propyl octanoate	624-13-5	7.63642	1968.4613	193.125	103.49	248.77	2
10095	C11H22O2	isopropyl octanoate	5458-59-3	7.31141	1846.0244	195.854	96.64	251.17	2
10096	C11H22O2	ethyl nonanoate	123-29-5	7.66100	1977.8385	192.958	103.97	248.61	2
10097	C11H22O2	methyl decanoate	110-42-9	7.86736	2056.5001	191.610	107.85	247.30	2
10098	C11H22S	thiacyclododecane	294-65-5	6.35002	1626.9366	188.080	116.02	325.44	3
10099	C11H23Br	1-bromoundecane	693-67-4	7.90221	2184.7432	184.118	132.41	278.72	2
10100	C11H23Br	2-bromoundecane	---	7.50723	2025.7509	186.898	124.41	281.44	2
10101	C11H23Br	3-bromoundecane	---	7.50723	2025.7509	186.898	124.41	281.44	2
10102	C11H23Br	4-bromoundecane	---	7.50723	2025.7509	186.898	124.41	281.44	2
10103	C11H23Br	5-bromoundecane	---	7.50723	2025.7509	186.898	124.41	281.44	2
10104	C11H23Br	6-bromoundecane	---	7.50723	2025.7509	186.898	124.41	281.44	2
10105	C11H23Br	1-bromo-2-methyldecane	---	7.50723	2025.7509	186.898	124.41	281.44	2
10106	C11H23Br	1-bromo-3-methyldecane	---	7.50723	2025.7509	186.898	124.41	281.44	2
10107	C11H23Br	1-bromo-4-methyldecane	---	7.50723	2025.7509	186.898	124.41	281.44	2
10108	C11H23Br	1-bromo-5-methyldecane	---	7.50723	2025.7509	186.898	124.41	281.44	2
10109	C11H23Br	1-bromo-6-methyldecane	---	7.50723	2025.7509	186.898	124.41	281.44	2
10110	C11H23Br	1-bromo-7-methyldecane	---	7.50723	2025.7509	186.898	124.41	281.44	2
10111	C11H23Br	1-bromo-8-methyldecane	---	7.50723	2025.7509	186.898	124.41	281.44	2
10112	C11H23Br	1-bromo-9-methyldecane	---	7.50723	2025.7509	186.898	124.41	281.44	2
10113	C11H23Br	2-bromo-2-methyldecane	---	7.15921	1885.2583	189.678	116.41	284.32	2
10114	C11H23Br	2-bromo-3-methyldecane	---	7.15921	1885.2583	189.678	116.41	284.32	2
10115	C11H23Br	2-bromo-4-methyldecane	---	7.15921	1885.2583	189.678	116.41	284.32	2
10116	C11H23Br	2-bromo-5-methyldecane	---	7.15921	1885.2583	189.678	116.41	284.32	2
10117	C11H23Br	2-bromo-6-methyldecane	---	7.15921	1885.2583	189.678	116.41	284.32	2
10118	C11H23Br	2-bromo-7-methyldecane	---	7.15921	1885.2583	189.678	116.41	284.32	2
10119	C11H23Br	2-bromo-8-methyldecane	---	7.15921	1885.2583	189.678	116.41	284.32	2
10120	C11H23Br	2-bromo-9-methyldecane	---	7.15921	1885.2583	189.678	116.41	284.32	2
10121	C11H23Br	3-bromo-2-methyldecane	---	7.15921	1885.2583	189.678	116.41	284.32	2
10122	C11H23Br	3-bromo-3-methyldecane	---	7.15921	1885.2583	189.678	116.41	284.32	2
10123	C11H23Br	3-bromo-4-methyldecane	---	7.15921	1885.2583	189.678	116.41	284.32	2
10124	C11H23Br	3-bromo-5-methyldecane	---	7.15921	1885.2583	189.678	116.41	284.32	2
10125	C11H23Br	3-bromo-6-methyldecane	---	7.15921	1885.2583	189.678	116.41	284.32	2
10126	C11H23Br	3-bromo-7-methyldecane	---	7.15921	1885.2583	189.678	116.41	284.32	2
10127	C11H23Br	3-bromo-8-methyldecane	---	7.15921	1885.2583	189.678	116.41	284.32	2
10128	C11H23Br	3-bromo-9-methyldecane	---	7.15921	1885.2583	189.678	116.41	284.32	2
10129	C11H23Cl	1-chloroundecane	2473-03-2	7.64070	2061.9494	187.860	122.64	274.58	1,2
10130	C11H23Cl	2-chloroundecane	---	7.13123	1865.6217	190.640	113.64	281.74	2
10131	C11H23Cl	3-chloroundecane	---	7.13123	1865.6217	190.640	113.64	281.74	2
10132	C11H23Cl	4-chloroundecane	---	7.13123	1865.6217	190.640	113.64	281.74	2
10133	C11H23Cl	5-chloroundecane	---	7.13123	1865.6217	190.640	113.64	281.74	2
10134	C11H23Cl	6-chloroundecane	---	7.13123	1865.6217	190.640	113.64	281.74	2
10135	C11H23Cl	1-chloro-2-methyldecane	---	7.13123	1865.6217	190.640	113.64	281.74	2
10136	C11H23Cl	1-chloro-3-methyldecane	---	7.13123	1865.6217	190.640	113.64	281.74	2
10137	C11H23Cl	1-chloro-4-methyldecane	---	7.13123	1865.6217	190.640	113.64	281.74	2
10138	C11H23Cl	1-chloro-5-methyldecane	---	7.13123	1865.6217	190.640	113.64	281.74	2
10139	C11H23Cl	1-chloro-6-methyldecane	---	7.13123	1865.6217	190.640	113.64	281.74	2
10140	C11H23Cl	1-chloro-7-methyldecane	---	7.13123	1865.6217	190.640	113.64	281.74	2
10141	C11H23Cl	1-chloro-8-methyldecane	---	7.13123	1865.6217	190.640	113.64	281.74	2
10142	C11H23Cl	1-chloro-9-methyldecane	---	7.13123	1865.6217	190.640	113.64	281.74	2
10143	C11H23Cl	2-chloro-2-methyldecane	---	6.82403	1741.7436	193.420	105.64	284.79	2
10144	C11H23Cl	2-chloro-3-methyldecane	---	6.82403	1741.7436	193.420	105.64	284.79	2
10145	C11H23Cl	2-chloro-4-methyldecane	---	6.82403	1741.7436	193.420	105.64	284.79	2
10146	C11H23Cl	2-chloro-5-methyldecane	---	6.82403	1741.7436	193.420	105.64	284.79	2
10147	C11H23Cl	2-chloro-6-methyldecane	---	6.82403	1741.7436	193.420	105.64	284.79	2
10148	C11H23Cl	2-chloro-7-methyldecane	---	6.82403	1741.7436	193.420	105.64	284.79	2
10149	C11H23Cl	2-chloro-8-methyldecane	---	6.82403	1741.7436	193.420	105.64	284.79	2
10150	C11H23Cl	2-chloro-9-methyldecane	---	6.82403	1741.7436	193.420	105.64	284.79	2
10151	C11H23Cl	3-chloro-2-methyldecane	---	6.82403	1741.7436	193.420	105.64	284.79	2
10152	C11H23Cl	3-chloro-3-methyldecane	---	6.82403	1741.7436	193.420	105.64	284.79	2
10153	C11H23Cl	3-chloro-4-methyldecane	---	6.82403	1741.7436	193.420	105.64	284.79	2
10154	C11H23Cl	3-chloro-5-methyldecane	---	6.82403	1741.7436	193.420	105.64	284.79	2
10155	C11H23Cl	3-chloro-6-methyldecane	---	6.82403	1741.7436	193.420	105.64	284.79	2
10156	C11H23Cl	3-chloro-7-methyldecane	---	6.82403	1741.7436	193.420	105.64	284.79	2
10157	C11H23Cl	3-chloro-8-methyldecane	---	6.82403	1741.7436	193.420	105.64	284.79	2
10158	C11H23Cl	3-chloro-9-methyldecane	---	6.82403	1741.7436	193.420	105.64	284.79	2
10159	C11H23F	1-fluoroundecane	506-05-8	6.77034	1638.5825	198.796	85.17	257.82	2
10160	C11H23F	1-fluoroundecane	---	6.54248	1550.7315	201.020	78.77	260.42	2

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mmHg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
10161	C11H23F	2-fluoroundecane	---	6.54248	1550.7315	201.020	78.77	260.42	2
10162	C11H23F	3-fluoroundecane	---	6.54248	1550.7315	201.020	78.77	260.42	2
10163	C11H23F	4-fluoroundecane	---	6.54248	1550.7315	201.020	78.77	260.42	2
10164	C11H23F	5-fluoroundecane	---	6.54248	1550.7315	201.020	78.77	260.42	2
10165	C11H23F	6-fluoroundecane	---	6.54248	1550.7315	201.020	78.77	260.42	2
10166	C11H23F	1-fluoro-2-methyldecane	---	6.54248	1550.7315	201.020	78.77	260.42	2
10167	C11H23F	1-fluoro-3-methyldecane	---	6.54248	1550.7315	201.020	78.77	260.42	2
10168	C11H23F	1-fluoro-4-methyldecane	---	6.54248	1550.7315	201.020	78.77	260.42	2
10169	C11H23F	1-fluoro-5-methyldecane	---	6.54248	1550.7315	201.020	78.77	260.42	2
10170	C11H23F	1-fluoro-6-methyldecane	---	6.54248	1550.7315	201.020	78.77	260.42	2
10171	C11H23F	1-fluoro-7-methyldecane	---	6.54248	1550.7315	201.020	78.77	260.42	2
10172	C11H23F	1-fluoro-8-methyldecane	---	6.54248	1550.7315	201.020	78.77	260.42	2
10173	C11H23F	1-fluoro-9-methyldecane	---	6.54248	1550.7315	201.020	78.77	260.42	2
10174	C11H23F	2-fluoro-2-methyldecane	---	6.33404	1470.1387	203.244	72.37	263.14	2
10175	C11H23F	2-fluoro-3-methyldecane	---	6.33404	1470.1387	203.244	72.37	263.14	2
10176	C11H23F	2-fluoro-4-methyldecane	---	6.33404	1470.1387	203.244	72.37	263.14	2
10177	C11H23F	2-fluoro-5-methyldecane	---	6.33404	1470.1387	203.244	72.37	263.14	2
10178	C11H23F	2-fluoro-6-methyldecane	---	6.33404	1470.1387	203.244	72.37	263.14	2
10179	C11H23F	2-fluoro-7-methyldecane	---	6.33404	1470.1387	203.244	72.37	263.14	2
10180	C11H23F	2-fluoro-8-methyldecane	---	6.33404	1470.1387	203.244	72.37	263.14	2
10181	C11H23F	2-fluoro-9-methyldecane	---	6.33404	1470.1387	203.244	72.37	263.14	2
10182	C11H23F	3-fluoro-2-methyldecane	---	6.33404	1470.1387	203.244	72.37	263.14	2
10183	C11H23F	3-fluoro-3-methyldecane	---	6.33404	1470.1387	203.244	72.37	263.14	2
10184	C11H23F	3-fluoro-4-methyldecane	---	6.33404	1470.1387	203.244	72.37	263.14	2
10185	C11H23F	3-fluoro-5-methyldecane	---	6.33404	1470.1387	203.244	72.37	263.14	2
10186	C11H23F	3-fluoro-6-methyldecane	---	6.33404	1470.1387	203.244	72.37	263.14	2
10187	C11H23F	3-fluoro-7-methyldecane	---	6.33404	1470.1387	203.244	72.37	263.14	2
10188	C11H23F	3-fluoro-8-methyldecane	---	6.33404	1470.1387	203.244	72.37	263.14	2
10189	C11H23F	3-fluoro-9-methyldecane	---	6.33404	1470.1387	203.244	72.37	263.14	2
10190	C11H23I	1-iodoundecane	4282-44-4	8.02608	2272.0749	177.807	145.57	291.22	2
10191	C11H23I	1-iodoundecane	---	7.62972	2109.9862	180.532	137.73	293.85	2
10192	C11H23I	2-iodoundecane	---	7.62972	2109.9862	180.532	137.73	293.85	2
10193	C11H23I	3-iodoundecane	---	7.62972	2109.9862	180.532	137.73	293.85	2
10194	C11H23I	4-iodoundecane	---	7.62972	2109.9862	180.532	137.73	293.85	2
10195	C11H23I	5-iodoundecane	---	7.62972	2109.9862	180.532	137.73	293.85	2
10196	C11H23I	6-iodoundecane	---	7.62972	2109.9862	180.532	137.73	293.85	2
10197	C11H23I	1-iodo-2-methyldecane	---	7.62972	2109.9862	180.532	137.73	293.85	2
10198	C11H23I	1-iodo-3-methyldecane	---	7.62972	2109.9862	180.532	137.73	293.85	2
10199	C11H23I	1-iodo-4-methyldecane	---	7.62972	2109.9862	180.532	137.73	293.85	2
10200	C11H23I	1-iodo-5-methyldecane	---	7.62972	2109.9862	180.532	137.73	293.85	2
10201	C11H23I	1-iodo-6-methyldecane	---	7.62972	2109.9862	180.532	137.73	293.85	2
10202	C11H23I	1-iodo-7-methyldecane	---	7.62972	2109.9862	180.532	137.73	293.85	2
10203	C11H23I	1-iodo-8-methyldecane	---	7.62972	2109.9862	180.532	137.73	293.85	2
10204	C11H23I	1-iodo-9-methyldecane	---	7.62972	2109.9862	180.532	137.73	293.85	2
10205	C11H23I	2-iodo-2-methyldecane	---	7.27306	1963.7308	183.312	129.73	296.67	2
10206	C11H23I	2-iodo-3-methyldecane	---	7.27306	1963.7308	183.312	129.73	296.67	2
10207	C11H23I	2-iodo-4-methyldecane	---	7.27306	1963.7308	183.312	129.73	296.67	2
10208	C11H23I	2-iodo-5-methyldecane	---	7.27306	1963.7308	183.312	129.73	296.67	2
10209	C11H23I	2-iodo-6-methyldecane	---	7.27306	1963.7308	183.312	129.73	296.67	2
10210	C11H23I	2-iodo-7-methyldecane	---	7.27306	1963.7308	183.312	129.73	296.67	2
10211	C11H23I	2-iodo-8-methyldecane	---	7.27306	1963.7308	183.312	129.73	296.67	2
10212	C11H23I	2-iodo-9-methyldecane	---	7.27306	1963.7308	183.312	129.73	296.67	2
10213	C11H23I	3-iodo-2-methyldecane	---	7.27306	1963.7308	183.312	129.73	296.67	2
10214	C11H23I	3-iodo-3-methyldecane	---	7.27306	1963.7308	183.312	129.73	296.67	2
10215	C11H23I	3-iodo-4-methyldecane	---	7.27306	1963.7308	183.312	129.73	296.67	2
10216	C11H23I	3-iodo-5-methyldecane	---	7.27306	1963.7308	183.312	129.73	296.67	2
10217	C11H23I	3-iodo-6-methyldecane	---	7.27306	1963.7308	183.312	129.73	296.67	2
10218	C11H23I	3-iodo-7-methyldecane	---	7.27306	1963.7308	183.312	129.73	296.67	2
10219	C11H23I	3-iodo-8-methyldecane	---	7.27306	1963.7308	183.312	129.73	296.67	2
10220	C11H23I	3-iodo-9-methyldecane	---	7.27306	1963.7308	183.312	129.73	296.67	2
10221	C11H23N	1-(1-ethyl-1-methylpropyl)piperidine	14045-26-2	7.02725	1721.6371	196.572	89.07	251.14	2
10222	C11H23N	1-hexylpiperidine	7335-01-5	7.18617	1783.8223	195.127	93.23	250.35	1,2
10223	C11H23NO2	1-nitroundecane	2216-25-3	7.21613	2024.2099	177.668	147.97	324.08	3
10224	C11H24	undecane	1120-21-4	7.18058	1706.2645	200.897	75.17	225.80	1,2
10225	C11H24	2-methyldecane	6975-98-0	7.07908	1614.7991	195.445	70.19	218.90	1,2
10226	C11H24	3-methyldecane	13151-34-3	7.40451	1937.6480	238.333	64.21	220.54	1,2
10227	C11H24	4-methyldecane	2847-72-5	7.44679	1972.2877	244.054	61.88	218.39	1,2
10228	C11H24	5-methyldecane	13151-35-4	7.01601	1545.3222	187.700	69.17	215.34	1,2
10229	C11H24	2,2-dimethylnonane	17302-14-6	6.89899	1477.4839	187.700	62.76	209.78	1,2
10230	C11H24	2,3-dimethylnonane	2884-06-2	6.96413	1525.9376	187.700	68.15	215.74	1,2
10231	C11H24	2,4-dimethylnonane	17302-24-8	6.95279	1489.1244	187.700	62.46	207.19	1,2
10232	C11H24	2,5-dimethylnonane	17302-27-1	6.95423	1493.7242	187.700	63.17	208.26	1,2
10233	C11H24	2,6-dimethylnonane	17302-28-2	6.95423	1493.7242	187.700	63.17	208.26	1,2
10234	C11H24	2,7-dimethylnonane	17302-29-3	6.95567	1498.3245	187.700	63.88	209.33	1,2
10235	C11H24	2,8-dimethylnonane	17302-30-6	6.95993	1512.1287	187.700	66.02	212.54	1,2
10236	C11H24	3,3-dimethylnonane	17302-15-7	6.90178	1486.5510	187.700	64.18	211.92	1,2
10237	C11H24	3,4-dimethylnonane	17302-22-6	6.96274	1521.3341	187.700	67.44	214.67	1,2
10238	C11H24	3,5-dimethylnonane	17302-25-9	6.95567	1498.3245	187.700	63.88	209.33	1,2
10239	C11H24	3,6-dimethylnonane	17302-31-7	6.95851	1507.5268	187.700	65.30	211.47	1,2
10240	C11H24	3,7-dimethylnonane	17302-32-8	6.96134	1516.7312	187.700	66.73	213.61	1,2

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mmHg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
10241	C11H24	4,4-dimethylnonane	17302-18-0	6.89618	1468.4190	187.700	61.35	207.64	1,2
10242	C11H24	4,5-dimethylnonane	17302-23-7	6.95851	1507.5268	187.700	65.30	211.47	1,2
10243	C11H24	4,6-dimethylnonane	17302-26-0	6.95423	1493.7242	187.700	63.17	208.26	1,2
10244	C11H24	5,5-dimethylnonane	6414-96-6	6.89476	1463.8873	187.700	60.64	206.57	1,2
10245	C11H24	2,2,3-trimethyloctane	62016-26-6	6.84644	1454.1942	187.700	61.03	209.12	1,2
10246	C11H24	2,2,4-trimethyloctane	18932-14-4	6.83592	1420.6760	187.700	55.74	201.09	1,2
10247	C11H24	2,2,5-trimethyloctane	62016-27-7	6.83521	1418.4426	187.700	55.38	200.56	1,2
10248	C11H24	2,2,6-trimethyloctane	62016-28-8	6.83947	1431.8454	187.700	57.50	203.77	1,2
10249	C11H24	2,2,7-trimethyloctane	62016-29-9	6.83378	1413.9761	187.700	54.68	199.49	1,2
10250	C11H24	2,3,3-trimethyloctane	62016-30-2	6.85054	1467.6098	187.700	63.15	212.34	1,2
10251	C11H24	2,3,4-trimethyloctane	62016-31-3	6.90417	1479.3883	187.700	62.87	209.74	1,2
10252	C11H24	2,3,5-trimethyloctane	62016-32-4	6.89993	1465.7743	187.700	60.74	206.53	1,2
10253	C11H24	2,3,6-trimethyloctane	62016-33-5	6.90417	1479.3883	187.700	62.87	209.74	1,2
10254	C11H24	2,3,7-trimethyloctane	62016-34-6	6.90276	1474.8498	187.700	62.16	208.67	1,2
10255	C11H24	2,4,4-trimethyloctane	62016-35-7	6.83521	1418.4426	187.700	55.38	200.56	1,2
10256	C11H24	2,4,5-trimethyloctane	62016-36-8	6.89851	1461.2374	187.700	60.03	205.46	1,2
10257	C11H24	2,4,6-trimethyloctane	62016-37-9	6.89564	1452.1651	187.700	58.61	203.32	1,2
10258	C11H24	2,4,7-trimethyloctane	62016-38-0	7.26199	1785.7287	236.591	48.58	201.07	1,2
10259	C11H24	2,5,5-trimethyloctane	62016-39-1	6.83663	1422.9096	187.700	56.09	201.63	1,2
10260	C11H24	2,5,6-trimethyloctane	62016-14-2	6.90135	1470.3118	187.700	61.45	207.60	1,2
10261	C11H24	2,6,6-trimethyloctane	54166-32-4	6.84227	1440.7833	187.700	58.91	205.91	1,2
10262	C11H24	3,3,4-trimethyloctane	62016-40-4	6.85054	1467.6098	187.700	63.15	212.34	1,2
10263	C11H24	3,3,5-trimethyloctane	62016-41-5	6.83947	1431.8454	187.700	57.50	203.77	1,2
10264	C11H24	3,3,6-trimethyloctane	62016-42-6	6.84367	1445.2531	187.700	59.62	206.98	1,2
10265	C11H24	3,4,4-trimethyloctane	62016-43-7	6.84918	1463.1374	187.700	62.44	211.26	1,2
10266	C11H24	3,4,5-trimethyloctane	62016-44-8	6.90557	1483.9274	187.700	63.58	210.81	1,2
10267	C11H24	3,4,6-trimethyloctane	62016-45-9	6.90276	1474.8498	187.700	62.16	208.67	1,2
10268	C11H24	3,5,5-trimethyloctane	61868-94-8	6.83378	1413.9761	187.700	54.68	199.49	1,2
10269	C11H24	4,4,5-trimethyloctane	61868-95-9	6.84781	1458.6655	187.700	61.74	210.19	1,2
10270	C11H24	2,2,3,3-tetramethylheptane	61868-40-4	6.74142	1419.5464	187.700	59.55	211.10	1,2
10271	C11H24	2,2,3,4-tetramethylheptane	61868-41-5	6.79151	1422.3199	187.700	57.89	206.33	1,2
10272	C11H24	2,2,3,5-tetramethylheptane	61868-42-6	6.78876	1413.5040	187.700	56.48	204.19	1,2
10273	C11H24	2,2,3,6-tetramethylheptane	61868-43-7	6.78318	1395.8785	187.700	53.67	199.90	1,2
10274	C11H24	2,2,4,4-tetramethylheptane	61868-44-8	6.72797	1376.1284	187.700	52.55	200.37	1,2
10275	C11H24	2,2,4,5-tetramethylheptane	61868-45-9	6.78177	1391.4735	187.700	52.97	198.83	1,2
10276	C11H24	2,2,4,6-tetramethylheptane	61868-46-0	6.77202	1361.5340	187.700	48.18	191.54	1,2
10277	C11H24	2,2,5,5-tetramethylheptane	61868-47-1	6.72242	1358.7758	187.700	49.75	196.07	1,2
10278	C11H24	2,2,5,6-tetramethylheptane	61868-48-2	6.78177	1391.4735	187.700	52.97	198.83	1,2
10279	C11H24	2,2,6,6-tetramethylheptane	40117-45-1	6.71819	1345.7671	187.700	47.65	192.85	1,2
10280	C11H24	2,3,3,4-tetramethylheptane	61868-49-3	6.79961	1448.7801	187.700	62.11	212.76	1,2
10281	C11H24	2,3,3,5-tetramethylheptane	61868-50-6	6.79151	1422.3199	187.700	57.89	206.33	1,2
10282	C11H24	2,3,3,6-tetramethylheptane	61868-51-7	6.79014	1417.9117	187.700	57.18	205.26	1,2
10283	C11H24	2,3,4,4-tetramethylheptane	61868-52-8	6.79423	1431.1379	187.700	59.29	208.47	1,2
10284	C11H24	2,3,4,5-tetramethylheptane	61868-53-9	6.85155	1456.0692	187.700	61.13	209.08	1,2
10285	C11H24	2,3,4,6-tetramethylheptane	61868-54-0	6.84457	1433.6919	187.700	57.60	203.73	1,2
10286	C11H24	2,3,5,5-tetramethylheptane	61868-55-1	6.78598	1404.6902	187.700	55.07	202.04	1,2
10287	C11H24	2,3,5,6-tetramethylheptane	52670-32-3	6.84598	1438.1663	187.700	58.31	204.80	1,2
10288	C11H24	2,4,4,5-tetramethylheptane	61868-56-2	6.78876	1413.5040	187.700	56.48	204.19	1,2
10289	C11H24	2,4,4,6-tetramethylheptane	61868-57-3	6.77463	1369.4567	187.700	49.45	193.47	1,2
10290	C11H24	2,4,5,5-tetramethylheptane	61868-58-4	6.79151	1422.3199	187.700	57.89	206.33	1,2
10291	C11H24	3,3,4,4-tetramethylheptane	61868-59-5	6.74664	1436.9277	187.700	62.35	215.39	1,2
10292	C11H24	3,3,4,5-tetramethylheptane	61868-60-8	6.79827	1444.3688	187.700	61.40	211.69	1,2
10293	C11H24	3,3,5,5-tetramethylheptane	61868-61-9	6.74142	1419.5464	187.700	59.55	211.10	1,2
10294	C11H24	3,4,4,5-tetramethylheptane	61868-62-0	6.80358	1462.0170	187.700	64.22	215.98	1,2
10295	C11H24	2,2,3,3,4-pentamethylhexane	61868-85-7	6.69644	1418.2695	187.700	61.27	215.84	1,2
10296	C11H24	2,2,3,3,5-pentamethylhexane	61868-86-8	6.67883	1360.4511	187.700	51.87	201.33	1,2
10297	C11H24	2,2,3,4,4-pentamethylhexane	61868-87-9	6.69896	1426.8427	187.700	62.67	217.98	1,2
10298	C11H24	2,2,3,4,5-pentamethylhexane	61868-88-0	6.73839	1395.2867	187.700	55.45	204.61	1,2
10299	C11H24	2,2,3,5,5-pentamethylhexane	14739-73-2	6.67272	1341.1988	187.700	48.73	196.50	1,2
10300	C11H24	2,2,4,4,5-pentamethylhexane	60302-23-0	6.68613	1383.9958	187.700	55.70	207.24	1,2
10301	C11H24	2,3,3,4,4-pentamethylhexane	61868-89-1	6.70021	1431.1300	187.700	63.37	219.06	1,2
10302	C11H24	2,3,3,4,5-pentamethylhexane	52670-33-4	6.74771	1425.7271	187.700	60.35	212.13	1,2
10303	C11H24	2,2,3,3,4,4-hexamethylpentane	60302-27-4	6.60440	1421.2932	187.700	65.90	227.57	1,2
10304	C11H24	3-ethylnonane	17302-11-3	7.01883	1554.6550	187.700	70.60	217.48	1,2
10305	C11H24	4-ethylnonane	5911-05-7	7.01315	1535.9915	187.700	67.74	213.20	1,2
10306	C11H24	5-ethylnonane	17302-12-4	7.00737	1517.3367	187.700	64.88	208.93	1,2
10307	C11H24	4-propyloctane	17302-13-5	7.00737	1517.3367	187.700	64.88	208.93	1,2
10308	C11H24	4-isopropyloctane	62016-15-3	6.95279	1489.1244	187.700	62.46	207.19	1,2
10309	C11H24	2-methyl-3-ethyloctane	62016-16-4	6.95851	1507.5268	187.700	65.30	211.47	1,2
10310	C11H24	2-methyl-4-ethyloctane	62016-17-5	6.94990	1479.9265	187.700	61.03	205.06	1,2
10311	C11H24	2-methyl-5-ethyloctane	62016-18-6	6.95279	1489.1244	187.700	62.46	207.19	1,2
10312	C11H24	2-methyl-6-ethyloctane	62016-19-7	6.95851	1507.5268	187.700	65.30	211.47	1,2
10313	C11H24	3-methyl-3-ethyloctane	17302-16-8	6.90687	1503.3305	187.700	66.81	215.88	1,2
10314	C11H24	3-methyl-4-ethyloctane	62016-20-0	6.95851	1507.5268	187.700	65.30	211.47	1,2
10315	C11H24	3-methyl-5-ethyloctane	62016-21-1	6.94990	1479.9265	187.700	61.03	205.06	1,2
10316	C11H24	3-methyl-6-ethyloctane	62016-22-2	6.95851	1507.5268	187.700	65.30	211.47	1,2
10317	C11H24	4-methyl-3-ethyloctane	62016-23-3	6.95993	1512.1287	187.700	66.02	212.54	1,2
10318	C11H24	4-methyl-4-ethyloctane	17302-19-1	6.89899	1477.4839	187.700	62.76	209.78	1,2
10319	C11H24	4-methyl-5-ethyloctane	62016-24-4	6.95567	1498.3245	187.700	63.88	209.33	1,2
10320	C11H24	4-methyl-6-ethyloctane	62016-25-5	6.95567	1498.3245	187.700	63.88	209.33	1,2

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mmHg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
10321	C11H24	4-tert-butylheptane	60302-21-8	6.83947	1431.8454	187.700	57.50	203.77	1,2
10322	C11H24	2-methyl-4-propylheptane	61868-96-0	6.94697	1470.7308	187.700	59.61	202.92	1,2
10323	C11H24	3-methyl-4-propylheptane	61868-97-1	6.95423	1493.7242	187.700	63.17	208.26	1,2
10324	C11H24	4-methyl-4-propylheptane	17302-20-4	6.89618	1468.4190	187.700	61.35	207.64	1,2
10325	C11H24	2-methyl-3-isopropylheptane	6876-18-2	6.90178	1471.6731	187.700	61.66	207.92	1,2
10326	C11H24	2-methyl-4-isopropylheptane	61868-98-2	6.89275	1443.0951	187.700	57.19	201.18	1,2
10327	C11H24	3-methyl-4-isopropylheptane	61868-99-3	6.89993	1465.7743	187.700	60.74	206.53	1,2
10328	C11H24	4-methyl-4-isopropylheptane	61869-00-9	6.84781	1458.6655	187.700	61.74	210.19	1,2
10329	C11H24	3,3-diethylheptane	17302-17-9	6.90850	1508.7740	187.700	67.66	217.16	1,2
10330	C11H24	3,4-diethylheptane	61869-01-0	6.95567	1498.3245	187.700	63.88	209.33	1,2
10331	C11H24	3,5-diethylheptane	61869-02-1	6.95423	1493.7242	187.700	63.17	208.26	1,2
10332	C11H24	4,4-diethylheptane	17302-21-5	6.89941	1478.8438	187.700	62.98	210.10	1,2
10333	C11H24	2,2-dimethyl-3-ethylheptane	61869-03-2	6.84227	1440.7833	187.700	58.91	205.91	1,2
10334	C11H24	2,2-dimethyl-4-ethylheptane	62016-46-0	6.83089	1405.0447	187.700	53.27	197.34	1,2
10335	C11H24	2,2-dimethyl-5-ethylheptane	62016-47-1	6.83663	1422.9096	187.700	56.09	201.63	1,2
10336	C11H24	2,3-dimethyl-3-ethylheptane	61868-21-1	6.84781	1458.6655	187.700	61.74	210.19	1,2
10337	C11H24	2,3-dimethyl-4-ethylheptane	61868-22-2	6.90276	1474.8498	187.700	62.16	208.67	1,2
10338	C11H24	2,3-dimethyl-5-ethylheptane	61868-23-3	6.90135	1470.3118	187.700	61.45	207.60	1,2
10339	C11H24	2,4-dimethyl-3-ethylheptane	61868-24-4	6.90276	1474.8498	187.700	62.16	208.67	1,2
10340	C11H24	2,4-dimethyl-4-ethylheptane	61868-25-5	6.83378	1413.9761	187.700	54.68	199.49	1,2
10341	C11H24	2,4-dimethyl-5-ethylheptane	61868-26-6	6.89851	1461.2374	187.700	60.03	205.46	1,2
10342	C11H24	2,5-dimethyl-3-ethylheptane	61868-27-7	6.89851	1461.2374	187.700	60.03	205.46	1,2
10343	C11H24	2,5-dimethyl-4-ethylheptane	61868-28-8	6.89708	1456.7010	187.700	59.32	204.39	1,2
10344	C11H24	2,5-dimethyl-5-ethylheptane	61868-29-9	6.84505	1449.7234	187.700	60.33	208.05	1,2
10345	C11H24	2,6-dimethyl-3-ethylheptane	61868-30-2	6.89851	1461.2374	187.700	60.03	205.46	1,2
10346	C11H24	2,6-dimethyl-4-ethylheptane	61868-31-3	6.88983	1434.0273	187.700	55.77	199.04	1,2
10347	C11H24	3,3-dimethyl-4-ethylheptane	61868-32-4	6.84781	1458.6655	187.700	61.74	210.19	1,2
10348	C11H24	3,3-dimethyl-5-ethylheptane	61868-33-5	6.84087	1436.3141	187.700	58.21	204.84	1,2
10349	C11H24	3,4-dimethyl-3-ethylheptane	61868-34-6	6.85460	1481.0299	187.700	65.27	215.55	1,2
10350	C11H24	3,4-dimethyl-4-ethylheptane	61868-35-7	6.84918	1463.1374	187.700	62.44	211.26	1,2
10351	C11H24	3,4-dimethyl-5-ethylheptane	61868-36-8	6.90696	1488.4669	187.700	64.29	211.88	1,2
10352	C11H24	3,5-dimethyl-3-ethylheptane	61868-37-9	6.84781	1458.6655	187.700	61.74	210.19	1,2
10353	C11H24	3,5-dimethyl-4-ethylheptane	61868-38-0	6.90557	1483.9274	187.700	63.58	210.81	1,2
10354	C11H24	4,4-dimethyl-3-ethylheptane	61868-39-1	6.84227	1440.7833	187.700	58.91	205.91	1,2
10355	C11H24	2,2-dimethyl-3-isopropylhexane	61868-63-1	6.78598	1404.6902	187.700	55.07	202.04	1,2
10356	C11H24	2,3-dimethyl-3-isopropylhexane	61868-64-2	6.79693	1439.9580	187.700	60.70	210.62	1,2
10357	C11H24	2,4-dimethyl-3-isopropylhexane	61868-65-3	6.84598	1438.1663	187.700	58.31	204.80	1,2
10358	C11H24	2,5-dimethyl-3-isopropylhexane	61868-66-4	6.83888	1415.7997	187.700	54.78	199.44	1,2
10359	C11H24	2-methyl-3,3-diethylhexane	61868-67-5	6.85594	1485.5043	187.700	65.97	216.62	1,2
10360	C11H24	2-methyl-3,4-diethylhexane	61868-68-6	6.90276	1474.8498	187.700	62.16	208.67	1,2
10361	C11H24	2-methyl-4,4-diethylhexane	61868-69-7	6.84644	1454.1942	187.700	61.03	209.12	1,2
10362	C11H24	3-methyl-3,4-diethylhexane	61868-70-0	6.85594	1485.5043	187.700	65.97	216.62	1,2
10363	C11H24	3-methyl-4,4-diethylhexane	61868-71-1	6.86124	1503.4068	187.700	68.80	220.90	1,2
10364	C11H24	2,2,3-trimethyl-3-ethylhexane	61868-72-2	6.74142	1419.5464	187.700	59.55	211.10	1,2
10365	C11H24	2,2,3-trimethyl-4-ethylhexane	61868-73-3	6.79151	1422.3199	187.700	57.89	206.33	1,2
10366	C11H24	2,2,4-trimethyl-3-ethylhexane	61868-74-4	6.79014	1417.9117	187.700	57.18	205.26	1,2
10367	C11H24	2,2,4-trimethyl-4-ethylhexane	61868-75-5	6.73878	1410.8587	187.700	58.15	208.95	1,2
10368	C11H24	2,2,5-trimethyl-3-ethylhexane	61868-76-6	6.78318	1395.8785	187.700	53.67	199.90	1,2
10369	C11H24	2,2,5-trimethyl-4-ethylhexane	61868-77-7	6.77751	1378.2617	187.700	50.86	195.61	1,2
10370	C11H24	2,3,3-trimethyl-4-ethylhexane	61868-78-8	6.80094	1453.1919	187.700	62.81	213.83	1,2
10371	C11H24	2,3,4-trimethyl-3-ethylhexane	61868-79-9	6.80620	1470.8440	187.700	65.62	218.12	1,2
10372	C11H24	2,3,4-trimethyl-4-ethylhexane	61868-80-2	6.79693	1439.9580	187.700	60.70	210.62	1,2
10373	C11H24	2,3,5-trimethyl-3-ethylhexane	61868-81-3	6.79151	1422.3199	187.700	57.89	206.33	1,2
10374	C11H24	2,3,5-trimethyl-4-ethylhexane	61868-82-4	6.84878	1447.1167	187.700	59.72	206.94	1,2
10375	C11H24	2,4,4-trimethyl-3-ethylhexane	61868-83-5	6.79423	1431.1379	187.700	59.29	208.47	1,2
10376	C11H24	3,3,4-trimethyl-4-ethylhexane	61868-84-6	6.75429	1463.0141	187.700	66.55	221.83	1,2
10377	C11H24	2,2,4-trimethyl-3-isopropylpentane	61868-90-4	6.73293	1377.9034	187.700	52.65	200.32	1,2
10378	C11H24	2,3,4-trimethyl-3-isopropylpentane	61868-91-5	6.75420	1447.4851	187.700	63.85	217.49	1,2
10379	C11H24	2,2-dimethyl-3,3-diethylpentane	60302-28-5	6.75303	1458.6652	187.700	65.85	220.75	1,2
10380	C11H24	2,4-dimethyl-3,3-diethylpentane	61868-92-6	6.80880	1479.6730	187.700	67.03	220.27	1,2
10381	C11H24	2,2,3,4-tetramethyl-3-ethylpentane	61868-93-7	6.69896	1426.8427	187.700	62.67	217.98	1,2
10382	C11H24	2,2,4,4-tetramethyl-3-ethylpentane	---	6.69133	1401.1288	187.700	58.49	211.54	1,2
10383	C11H24O	1-decanol	112-42-5	8.58546	2399.4645	187.954	128.37	256.09	2
10384	C11H24O	2-decanol	1653-30-1	8.13077	2210.9700	191.290	118.77	255.47	1,2
10385	C11H24O	2-decanol, (±)	113666-64-1	7.78580	2086.2949	192.680	114.77	260.47	2
10386	C11H24O	3-decanol	6929-08-4	7.82769	2102.7401	192.402	115.57	260.20	2
10387	C11H24O	3-decanol, (R)-	107494-37-1	7.82769	2102.7401	192.402	115.57	260.20	2
10388	C11H24O	4-decanol	4272-06-4	7.82769	2102.7401	192.402	115.57	260.20	2
10389	C11H24O	5-decanol	37493-70-2	7.82769	2102.7401	192.402	115.57	260.20	2
10390	C11H24O	6-decanol	23708-56-7	7.94968	2136.6823	192.680	114.77	255.46	1,2
10391	C11H24O	2-methyldecanol	18675-24-6	7.85736	2114.3834	192.208	116.13	260.02	2
10392	C11H24O	3-methyldecanol	---	7.85736	2114.3834	192.208	116.13	260.02	2
10393	C11H24O	4-methyldecanol	---	7.85736	2114.3834	192.208	116.13	260.02	2
10394	C11H24O	5-methyldecanol	---	7.85736	2114.3834	192.208	116.13	260.02	2
10395	C11H24O	6-methyldecanol	---	7.85736	2114.3834	192.208	116.13	260.02	2
10396	C11H24O	7-methyldecanol	---	7.85736	2114.3834	192.208	116.13	260.02	2
10397	C11H24O	8-methyldecanol	---	7.85736	2114.3834	192.208	116.13	260.02	2
10398	C11H24O	9-methyldecanol	51750-47-1	7.85736	2114.3834	192.208	116.13	260.02	2
10399	C11H24O	2,2-dimethylnonanol	---	7.39611	1933.0994	195.460	106.77	263.24	2
10400	C11H24O	2,3-dimethylnonanol	---	7.39611	1933.0994	195.460	106.77	263.24	2

Table 1 Vapor Pressure – Organic Compounds

log ₁₀ P = A - B/(T + C) (P - mmHg, T - C)									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
10401	C11H24O	2,4-dimethylnonanol	---	7.39611	1933.0994	195.460	106.77	263.24	2
10402	C11H24O	2,5-dimethylnonanol	---	7.39611	1933.0994	195.460	106.77	263.24	2
10403	C11H24O	2,6-dimethylnonanol	---	7.39611	1933.0994	195.460	106.77	263.24	2
10404	C11H24O	2,7-dimethylnonanol	---	7.58456	2007.2395	194.070	110.77	261.84	2
10405	C11H24O	3,3-dimethylnonanol	---	7.58456	2007.2395	194.070	110.77	261.84	2
10406	C11H24O	3,4-dimethylnonanol	---	7.58456	2007.2395	194.070	110.77	261.84	2
10407	C11H24O	3,5-dimethylnonanol	---	7.58456	2007.2395	194.070	110.77	261.84	2
10408	C11H24O	3,6-dimethylnonanol	---	7.58456	2007.2395	194.070	110.77	261.84	2
10409	C11H24O	3,7-dimethylnonanol	---	7.58456	2007.2395	194.070	110.77	261.84	2
10410	C11H24O	2-ethylnonanol	54322-29-1	7.85736	2114.3834	192.208	116.13	260.02	2
10411	C11H24O	3-ethylnonanol	---	7.85736	2114.3834	192.208	116.13	260.02	2
10412	C11H24O	4-ethylnonanol	---	7.85736	2114.3834	192.208	116.13	260.02	2
10413	C11H24O	5-ethylnonanol	---	7.85736	2114.3834	192.208	116.13	260.02	2
10414	C11H24O	6-ethylnonanol	---	7.85736	2114.3834	192.208	116.13	260.02	2
10415	C11H24O	7-ethylnonanol	---	7.85736	2114.3834	192.208	116.13	260.02	2
10416	C11H24O	8-ethylnonanol	---	7.85736	2114.3834	192.208	116.13	260.02	2
10417	C11H24O	2,8-dimethyl-5-nonanol	19780-96-2	8.00033	2170.4558	191.296	118.76	259.15	2
10418	C11H24O	5-ethyl-2-nonanol	103-08-2	7.98884	2137.2300	193.556	112.25	251.05	1,2
10419	C11H24O	1-methoxy-decane	7289-52-3	8.12651	2092.8001	196.294	97.37	226.95	2
10420	C11H24O	2-methoxy-decane	---	7.27264	1776.5640	201.854	81.37	232.43	2
10421	C11H24O	3-methoxy-decane	---	7.27264	1776.5640	201.854	81.37	232.43	2
10422	C11H24O	4-methoxy-decane	---	7.27264	1776.5640	201.854	81.37	232.43	2
10423	C11H24O	5-methoxy-decane	---	7.27264	1776.5640	201.854	81.37	232.43	2
10424	C11H24O	1-ethoxy-nonane	---	7.71221	1939.6018	198.796	90.17	229.34	2
10425	C11H24O	2-ethoxy-nonane	---	7.27264	1776.5640	201.854	81.37	232.43	2
10426	C11H24O	3-ethoxy-nonane	---	7.27264	1776.5640	201.854	81.37	232.43	2
10427	C11H24O	4-ethoxy-nonane	---	7.27264	1776.5640	201.854	81.37	232.43	2
10428	C11H24O	5-ethoxy-nonane	---	7.27264	1776.5640	201.854	81.37	232.43	2
10429	C11H24O	1-propoxy-octane	---	7.76874	1960.5319	198.435	91.21	228.98	2
10430	C11H24O	2-propoxy-octane	---	7.39766	1822.9945	200.937	84.01	231.48	2
10431	C11H24O	3-propoxy-octane	---	7.39766	1822.9945	200.937	84.01	231.48	2
10432	C11H24O	4-propoxy-octane	---	7.39766	1822.9945	200.937	84.01	231.48	2
10433	C11H24O	1-isopropoxy-octane	---	7.19948	1749.3717	202.410	79.77	233.01	2
10434	C11H24O	2-isopropoxy-octane	---	7.09325	1709.8527	203.244	77.37	233.90	2
10435	C11H24O	3-isopropoxy-octane	---	7.09325	1709.8527	203.244	77.37	233.90	2
10436	C11H24O	4-isopropoxy-octane	---	7.09325	1709.8527	203.244	77.37	233.90	2
10437	C11H24O2	1,2-undecanediol	13006-29-6	9.04263	2749.7947	174.332	167.57	294.85	3
10438	C11H24O2	1,3-undecanediol	6071-32-5	9.72307	3032.5266	171.274	176.37	292.33	3
10439	C11H24O2	1,4-undecanediol	---	11.44432	3745.3992	165.436	193.17	287.87	3
10440	C11H24O2	1,11-undecanediol	765-04-8	10.30230	3272.7388	169.050	182.77	290.57	3
10441	C11H24O2	2,2-dibutyl-1,3-propanediol	24765-57-9	9.20767	2818.4313	173.540	169.85	294.19	3
10442	C11H24O2	2-(isobutyl-3-methylbutoxy)ethanol	10086-50-7	8.99611	2669.0424	178.119	155.67	280.93	3
10443	C11H24O3	2-(2-(1-ethylamyloxy)ethoxy)ethanol	10138-87-1	8.02089	2343.5223	178.119	155.67	306.18	3
10444	C11H24O3	2-(2-(heptyloxy)ethoxy)ethanol	25961-87-9	8.02089	2343.5223	178.119	155.67	306.18	3
10445	C11H24S	1-undecanethiol	5332-52-5	7.76632	2139.4895	184.507	131.69	282.17	2
10446	C11H24S	2-undecanethiol	62155-02-6	7.38583	1985.5127	187.315	123.61	284.98	2
10447	C11H24S	3-undecanethiol	---	7.34871	1969.7770	187.454	122.81	285.27	2
10448	C11H24S	4-undecanethiol	---	7.33133	1962.7295	187.593	122.41	285.41	2
10449	C11H24S	5-undecanethiol	---	7.31404	1955.7239	187.732	122.01	285.56	2
10450	C11H24S	6-undecanethiol	---	7.29687	1948.7597	187.871	121.61	285.70	2
10451	C11H24S	2-methyl-1-decanethiol	---	7.47713	2021.7905	186.453	125.69	284.25	2
10452	C11H24S	3-methyl-1-decanethiol	---	7.45895	2014.4299	186.592	125.29	284.39	2
10453	C11H24S	4-methyl-1-decanethiol	---	7.44088	2007.1140	186.731	124.89	284.53	2
10454	C11H24S	5-methyl-1-decanethiol	---	7.42292	1999.8425	186.870	124.49	284.67	2
10455	C11H24S	6-methyl-1-decanethiol	---	7.40508	1992.6149	187.009	124.09	284.81	2
10456	C11H24S	7-methyl-1-decanethiol	---	7.38735	1985.4308	187.148	123.69	284.95	2
10457	C11H24S	8-methyl-1-decanethiol	---	7.36972	1978.2898	187.287	123.29	285.10	2
10458	C11H24S	9-methyl-1-decanethiol	---	7.35221	1971.1916	187.426	122.89	285.24	2
10459	C11H24S	2-methyl-2-decanethiol	---	7.23253	1922.6677	188.399	120.09	286.25	2
10460	C11H24S	3-methyl-2-decanethiol	---	7.21584	1915.8975	188.538	119.69	286.40	2
10461	C11H24S	4-methyl-2-decanethiol	---	7.19926	1909.1667	188.677	119.29	286.55	2
10462	C11H24S	5-methyl-2-decanethiol	---	7.18277	1902.4749	188.816	118.89	286.69	2
10463	C11H24S	6-methyl-2-decanethiol	---	7.16637	1895.8217	188.955	118.49	286.84	2
10464	C11H24S	7-methyl-2-decanethiol	---	7.15008	1889.2069	189.094	118.09	286.99	2
10465	C11H24S	8-methyl-2-decanethiol	---	7.13388	1882.6301	189.233	117.69	287.14	2
10466	C11H24S	9-methyl-2-decanethiol	---	7.11778	1876.0909	189.372	117.29	287.28	2
10467	C11H24S	2-thiadodecane	22438-39-7	7.91162	2117.1761	187.423	118.90	260.20	2
10468	C11H24S	3-thiadodecane	59973-08-9	7.86821	2100.2926	187.701	118.10	260.47	2
10469	C11H24S	4-thiadodecane	3698-93-9	7.82539	2083.6370	187.979	117.30	260.74	2
10470	C11H24S	5-thiadodecane	40813-84-1	7.78316	2067.2047	188.257	116.50	261.01	2
10471	C11H24S	6-thiadodecane	---	7.74151	2050.9910	188.535	115.70	261.28	2
10472	C11H24S	3-methyl-2-thiaundecane	---	7.50300	1958.0621	190.203	110.90	262.93	2
10473	C11H24S	4-methyl-2-thiaundecane	---	7.46505	1943.2618	190.481	110.10	263.21	2
10474	C11H24S	5-methyl-2-thiaundecane	---	7.42760	1928.6478	190.759	109.30	263.49	2
10475	C11H24S	6-methyl-2-thiaundecane	---	7.39062	1914.2167	191.037	108.50	263.78	2
10476	C11H24S	7-methyl-2-thiaundecane	---	7.35411	1899.9649	191.315	107.70	264.06	2
10477	C11H24S	2-methyl-3-thiaundecane	---	7.31807	1885.8890	191.593	106.90	264.35	2
10478	C11H24S	4-methyl-3-thiaundecane	---	7.28248	1871.9857	191.871	106.10	264.64	2
10479	C11H24S	5-methyl-3-thiaundecane	---	7.24733	1858.2518	192.149	105.30	264.93	2
10480	C11H24S	6-methyl-3-thiaundecane	---	7.21262	1844.6840	192.427	104.50	265.22	2

Table 1 Vapor Pressure – Organic Compounds

log ₁₀ P = A - B/(T + C) (P - mmHg, T - C)									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
10481	C11H24S	7-methyl-3-thiaundecane	---	7.17834	1831.2794	192.705	103.70	265.52	2
10482	C11H24S2	1,11-undecanedithiol	63476-06-2	6.09752	1394.3868	102.086	171.46	376.15	2
10483	C11H24S2	1,10-undecanedithiol	---	6.67264	1902.5270	170.347	165.04	374.66	2
10484	C11H24S2	1,9-undecanedithiol	---	6.66061	1897.0118	170.486	164.64	374.83	2
10485	C11H24S2	1,8-undecanedithiol	---	6.64862	1891.5221	170.625	164.24	374.99	2
10486	C11H24S2	1,7-undecanedithiol	---	6.63670	1886.0579	170.764	163.84	375.15	2
10487	C11H24S2	1,6-undecanedithiol	---	6.62483	1880.6189	170.903	163.44	375.31	2
10488	C11H24S2	1,5-undecanedithiol	---	6.61302	1875.2049	171.042	163.04	375.48	2
10489	C11H24S2	1,4-undecanedithiol	---	6.60127	1869.8158	171.181	162.64	375.64	2
10490	C11H24S2	1,3-undecanedithiol	---	6.58957	1864.4514	171.320	162.24	375.81	2
10491	C11H24S2	1,2-undecanedithiol	---	6.57792	1859.1114	171.459	161.84	375.97	2
10492	C11H24S2	2,3-dithiatridecane	---	7.51472	2120.2950	176.164	149.30	313.19	2
10493	C11H24S2	3,4-dithiatridecane	---	7.47944	2105.4299	176.442	148.50	313.47	2
10494	C11H24S2	4,5-dithiatridecane	---	7.44458	2090.7385	176.720	147.70	313.75	2
10495	C11H24S2	5,6-dithiatridecane	---	7.41013	2076.2179	176.998	146.90	314.03	2
10496	C11H24S2	6,7-dithiatridecane	---	7.37609	2061.8650	177.276	146.10	314.32	2
10497	C11H24S2	2,4-dithiatridecane	---	7.89255	2279.2456	173.384	157.30	310.46	2
10498	C11H24S2	3,5-dithiatridecane	---	7.85259	2262.4539	173.662	156.50	310.73	2
10499	C11H24S2	4,6-dithiatridecane	---	7.81314	2245.8716	173.940	155.70	310.99	2
10500	C11H24S2	5,7-dithiatridecane	---	7.77418	2229.4947	174.218	154.90	311.26	2
10501	C11H24S2	6,8-dithiatridecane	---	7.73572	2213.3194	174.496	154.10	311.53	2
10502	C11H25N	undecylamine	7307-55-3	7.75690	2091.5955	188.900	120.65	268.27	1,2
10503	C11H25N	4-ethyl-1-methyloctylamine	10024-78-9	7.29404	1880.1091	194.671	104.04	262.53	2
10504	C11H25N	dimethylnonylamine	17373-27-2	8.33393	2168.3807	196.294	99.37	224.58	2
10505	C11H25N	diethylheptylamine	26981-81-7	7.64456	1905.5956	201.020	85.77	225.98	1,2
10506	C12Cl10	2,2',3,3',4,4',5,5',6,6'-decachlorobiphenyl (PCB-209)	2051-24-3	7.45186	3836.7067	273.150	309.00	625.37	3
10507	C12F27N	tris(perfluorobutyl)amine	311-89-7	7.40002	1681.1237	193.995	68.68	204.55	3
10508	C12H8	acenaphthylene	208-96-8	10.33872	2937.1731	184.166	130.35	226.23	3
10509	C12H8Cl2	4,4'-dichlorobiphenyl (PCB-15)	2050-68-2	15.69040	7210.9237	273.150	217.71	303.33	3
10510	C12H8Cl2O2S	bis(4-chlorophenyl) sulfone	80-07-9	8.20414	4026.9240	338.333	189.85	463.48	3
10511	C12H8Cl6	aldrin	309-00-2	5.51075	1898.7620	271.083	149.86	544.22	3
10512	C12H8O	dibenzofuran	132-64-9	7.18917	2284.2842	243.198	82.50	326.83	1,2
10513	C12H8S	dibenzothiophene	132-65-0	8.41109	3382.2631	279.040	150.85	367.76	1,2
10514	C12H8S2	thianthrene	92-85-3	8.98160	4123.7435	309.886	186.85	401.13	1,2
10515	C12H9Br	4-bromobiphenyl	92-66-0	7.67080	2699.1690	253.502	151.12	347.79	1,2
10516	C12H9Cl	2-chlorobiphenyl (PCB-1)	2051-60-7	9.06369	3687.3074	322.324	106.85	304.57	1,2
10517	C12H9Cl	3-chlorobiphenyl (PCB-2)	2051-61-8	9.38491	3624.0851	273.150	159.06	311.09	1,2
10518	C12H9ClO	3-chloro-[1,1'-biphenyl]-2-ol	85-97-2	8.94399	3159.3711	227.180	170.53	321.12	3
10519	C12H9ClO	2-chloro-3-phenylphenol	900001-17-4	9.14889	3392.1259	247.280	168.99	321.20	3
10520	C12H9Cl3Si	[1,1'-biphenyl]-4-yltrichlorosilane	18030-61-0	9.53700	3956.0000	273.150	190.24	349.34	3
10521	C12H9Cl3Si	[1,1'-biphenyl]-2-yltrichlorosilane	18030-62-1	9.01000	3505.0000	273.150	164.43	328.24	3
10522	C12H9N	dibenzopyrrole	86-74-8	7.45700	2538.9639	199.771	193.44	394.12	1,2
10523	C12H9NS	10H-phenothiazine	92-84-2	9.85124	4490.0000	273.150	234.12	400.07	3
10524	C12H10	acenaphthene	83-32-9	10.61705	3174.1690	197.714	132.34	229.20	3
10525	C12H10	phenylbenzene (biphenyl)	92-52-4	7.17309	1894.3113	187.480	119.39	287.14	1,2
10526	C12H10Cl2Si	dichlorodiphenylsilane	80-10-4	6.98229	1884.0000	157.950	158.25	340.93	3
10527	C12H10F2Si	difluorodiphenylsilane	312-40-3	9.12207	3702.5000	347.230	108.63	276.06	3
10528	C12H10N2	azobenzene	103-33-3	8.01488	2712.2619	235.237	151.41	325.95	1,2
10529	C12H10O	diphenyl ether	101-84-8	7.15619	1902.7023	185.987	123.08	292.76	1,2
10530	C12H10O	1-acetonaphthone	941-98-0	8.92586	3469.7403	276.981	160.79	327.08	1,2
10531	C12H10O	2-acetonaphthone	93-08-3	9.96792	4297.6486	305.854	173.37	327.45	1,2
10532	C12H10S	diphenyl sulfide	139-66-2	7.79836	2691.2542	251.226	144.64	331.74	1,2
10533	C12H10Se	diphenyl selenide	1132-39-4	7.77373	2588.4620	227.522	154.61	336.18	3
10534	C12H11N	p-aminodiphenyl	92-67-1	8.31697	2655.9114	186.514	176.47	330.69	1,2
10535	C12H11N	diphenylamine	122-39-4	7.52393	2362.0717	206.676	155.39	337.32	1,2
10536	C12H11N3	p-aminoazobenzene	60-09-3	7.47943	2420.1907	166.437	207.08	396.71	1,2
10537	C12H11N3	1,3-diphenyltriazene	136-35-6	7.88444	2488.8785	173.072	188.45	356.18	3
10538	C12H12	1,2-dimethylnaphthalene	573-98-8	7.11702	1882.0386	177.725	129.95	300.54	1,2
10539	C12H12	1,3-dimethylnaphthalene	575-41-7	7.54426	2317.5717	233.915	120.22	297.34	1,2
10540	C12H12	1,4-dimethylnaphthalene	571-58-4	7.53307	2406.7529	248.881	119.51	304.24	1,2
10541	C12H12	1,5-dimethylnaphthalene	571-61-9	7.22232	1991.9835	193.773	126.36	299.23	1,2
10542	C12H12	1,6-dimethylnaphthalene	575-43-9	7.38521	2170.4796	219.008	120.91	297.36	1,2
10543	C12H12	1,7-dimethylnaphthalene	575-37-1	6.98275	1713.7287	154.935	131.51	295.94	1,2
10544	C12H12	1,8-dimethylnaphthalene	569-41-5	7.77604	2144.9763	187.700	128.85	279.19	2
10545	C12H12	2,3-dimethylnaphthalene	581-40-8	7.22862	2009.0692	194.088	105.01	302.37	1,2
10546	C12H12	2,6-dimethylnaphthalene	581-42-0	7.23672	2037.5912	204.926	111.40	297.58	1,2
10547	C12H12	2,7-dimethylnaphthalene	582-16-1	6.97780	1725.2157	158.044	97.00	296.44	1,2
10548	C12H12	1-ethylnaphthalene	1127-76-0	6.86819	1860.7258	199.804	117.28	304.96	1,2
10549	C12H12	2-ethylnaphthalene	939-27-5	7.34193	2011.1727	196.973	120.15	286.47	1,2
10550	C12H12	dimethylnaphthalene, isomers	28804-88-8	7.57978	2035.1880	182.637	126.67	280.12	2
10551	C12H12N2	p-aminodiphenylamine	101-54-2	7.67237	2522.1810	172.530	205.47	389.14	1,2
10552	C12H12N2	hydrazobenzene	122-66-7	10.69332	3728.5007	169.050	215.60	327.32	3
10553	C12H13Cl3O3	butyl (2,4,5-trichlorophenoxy)acetate	93-79-8	6.33253	1364.2200	58.230	186.85	374.76	3
10554	C12H13N	2-ethyl-3-methylquinoline	27356-52-1	6.52457	1703.5132	181.282	127.07	328.34	2
10555	C12H13N	2-ethyl-4-methylquinoline	33357-44-7	6.61179	1740.6618	180.309	129.87	327.18	2
10556	C12H13N	3-ethyl-6-methylquinoline	105688-74-2	6.93612	1878.4439	176.973	139.47	323.38	2
10557	C12H13N	2-propylquinoline	1613-32-7	7.09714	1947.4911	175.659	143.75	321.75	2
10558	C12H13N	2,3,6-trimethylquinoline	2437-73-2	6.95055	1884.5654	176.834	139.87	323.22	2
10559	C12H13N	2,3,8-trimethylquinoline	4945-28-2	6.89327	1860.2725	177.390	138.27	323.84	2
10560	C12H13N	2,4,6-trimethylquinoline	2243-89-2	6.93595	1864.4493	178.224	135.87	318.42	1,2

Table 1 Vapor Pressure – Organic Compounds

log ₁₀ P = A - B/(T + C) (P - mmHg, T - C)									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
10561	C12H13N	2,4,7-trimethylquinoline	71633-43-7	6.82339	1830.6148	178.085	136.27	324.62	2
10562	C12H13N	2,5,7-trimethylquinoline	102871-67-0	7.00910	1909.3803	176.278	141.47	322.61	2
10563	C12H14	1,2,3-trimethylindene	4773-83-5	6.90033	1743.8320	190.498	71.50	278.46	3
10564	C12H14	2-propyl-1H-indene	92013-11-1	6.90190	1742.8811	190.093	105.22	278.42	3
10565	C12H14Cl2O3	butyl (2,4-dichlorophenoxy)acetate	94-80-4	5.87155	1543.1652	128.090	170.85	445.64	3
10566	C12H14Cl2O3	sec-butyl 2,4-dichloro-phenoxyacetate	94-79-1	6.04110	1712.0914	153.860	170.85	444.93	3
10567	C12H14Cl2O4	4-hydroxybutyl 2,4-dichloro-phenoxyacetate	36227-43-7	8.47199	3798.6154	273.150	235.23	444.90	3
10568	C12H14Cl2O4	2-ethoxyethyl 2,4-dichloro-phenoxyacetate	74944-83-5	7.54931	3171.7548	273.150	169.85	453.07	3
10569	C12H14O4	diethyl phthalate	84-66-2	8.65935	2740.2970	200.809	150.50	299.47	3
10570	C12H15NO	2-tert-butyl-6-methylphenyl isocyanate	13680-30-3	6.51660	1648.1291	188.788	109.97	305.44	3
10571	C12H15NO	2-ethyl-6-isopropylphenyl isocyanate	102561-41-1	6.49155	1637.7807	189.066	109.17	305.77	3
10572	C12H16	cyclohexylbenzene	827-52-1	7.69570	1953.1721	184.470	107.24	248.24	3
10573	C12H16	1-ethyl-[1,2,3,4-tetrahydronaphthalene]	13556-58-6	6.98944	1762.0378	189.463	104.73	273.31	1,2
10574	C12H16	2-ethyl-[1,2,3,4-tetrahydronaphthalene]	32367-54-7	6.88196	1739.7149	188.622	107.15	281.56	2
10575	C12H16	5-ethyl-1,2,3,4-tetrahydronaphthalene	42775-75-7	6.90131	1752.8311	187.954	109.07	283.31	1,2
10576	C12H16	6-ethyl-1,2,3,4-tetrahydronaphthalene	22531-20-0	6.92442	1756.6029	188.232	108.27	281.12	2
10577	C12H16	1,2,3,4-tetrahydro-1,3-dimethylnaphthalene	5195-37-9	6.63543	1641.5013	191.012	100.27	284.29	2
10578	C12H16	1,2,3,4-tetrahydro-1,4-dimethylnaphthalene	4175-54-6	6.42610	1557.8675	193.236	93.87	286.96	2
10579	C12H16	1,2,3,4-tetrahydro-1,5-dimethylnaphthalene	21564-91-0	6.77585	1697.4781	189.622	104.27	282.69	2
10580	C12H16	1,2,3,4-tetrahydro-2,2-dimethylnaphthalene	13556-55-3	6.52852	1598.8163	192.124	97.07	285.61	2
10581	C12H16	1,2,3,4-tetrahydro-2,3-dimethylnaphthalene	21564-92-1	6.63576	1642.0735	191.127	100.24	284.30	2
10582	C12H16	1,2,3,4-tetrahydro-2,5-dimethylnaphthalene	25419-37-8	6.69066	1663.5310	190.456	101.87	283.64	2
10583	C12H16	1,2,3,4-tetrahydro-2,6-dimethylnaphthalene	7524-63-2	6.80489	1709.0426	189.344	105.07	282.37	2
10584	C12H16	1,2,3,4-tetrahydro-2,7-dimethylnaphthalene	13065-07-1	6.71874	1674.7243	190.178	102.67	283.32	2
10585	C12H16	1,2,3,4-tetrahydro-2,8-dimethylnaphthalene	25419-36-7	6.69066	1663.5310	190.456	101.87	283.64	2
10586	C12H16	1,2,3,4-tetrahydro-5,6-dimethylnaphthalene	20027-77-4	7.18092	1858.4678	186.008	114.67	278.72	2
10587	C12H16	1,2,3,4-tetrahydro-5,7-dimethylnaphthalene	21693-54-9	7.21475	1871.8835	185.730	115.47	278.42	2
10588	C12H16	1,2,3,4-tetrahydro-5,8-dimethylnaphthalene	14108-88-4	7.24899	1885.4602	185.452	116.27	278.13	2
10589	C12H16	1,2,3,4-tetrahydro-6,7-dimethylnaphthalene	1076-61-5	7.18092	1858.4678	186.008	114.67	278.72	2
10590	C12H16	1,2,3,4-tetrahydro-1,1-dimethylnaphthalene	1985-59-7	6.30397	1508.9607	194.626	89.87	288.69	2
10591	C12H16	1,2,3,4-tetrahydro-1,2-dimethylnaphthalene	5195-40-4	6.66290	1652.4573	190.734	101.07	283.97	2
10592	C12H16	2,3-dihydro-1,1,5-trimethyl-1H-indene	40650-41-7	6.63576	1642.0735	191.127	100.24	284.30	3
10593	C12H16	2,3-dihydro-1,4,7-trimethyl-1H-indene	54340-87-3	6.63576	1642.0735	191.127	100.24	284.30	3
10594	C12H16	2-hexenylbenzene	67590-77-6	7.63125	1958.6542	191.127	104.24	249.08	2
10595	C12H16	3-hexenylbenzene	35008-86-7	7.19220	1791.5180	194.348	94.97	252.37	2
10596	C12H16	5-hexenylbenzene	1588-44-9	7.15851	1762.4824	196.016	90.17	247.19	1,2
10597	C12H16	p-isopropenylisopropylbenzene	2388-14-9	7.15039	1775.5691	194.682	94.01	252.73	2
10598	C12H16	(1-methyl-1-pentenyl)benzene	20247-89-6	7.22753	1804.9905	194.070	95.77	252.08	2
10599	C12H16	4-tert-butylstyrene	1746-23-2	6.98358	1740.3248	193.000	97.85	264.77	2
10600	C12H16	4-isobutylstyrene	63444-56-4	7.88022	2087.3072	186.328	117.05	257.93	2
10601	C12H16	4-isopropyl-1-isopropenylbenzene	2715-29-9	7.41947	1956.9656	209.994	94.85	251.81	3
10602	C12H16	dicyclohexadiene	62357-80-6	4.65705	396.0443	1.785	103.85	266.68	3
10603	C12H16	1,4,4a,5,6,8a-hexahydro-1,2-ethanonaphthalene	900000-01-3	4.66565	398.7916	2.250	103.85	266.51	3
10604	C12H16O2	3-methylbutyl benzoate	94-46-2	8.85616	3512.9207	325.852	121.30	293.24	1,2
10605	C12H16O2	pentamethylbenzoic acid	2243-32-5	5.22516	1180.3712	183.548	95.82	394.13	2
10606	C12H16O2	4-pentylbenzoic acid	26311-45-5	6.38119	1746.3030	183.590	140.93	362.24	1,2
10607	C12H17Br	1-bromo-4-n-hexylbenzene	23703-22-2	6.85842	1842.0498	179.378	135.05	321.65	2
10608	C12H17Cl	pentamethylbenzyl chloride	484-65-1	6.00912	1478.0409	190.220	104.85	332.56	2
10609	C12H18	hexylbenzene	1077-16-3	7.29541	1948.0068	215.155	94.28	258.40	1,2
10610	C12H18	1,4-dipropylbenzene	4815-57-0	6.68093	1603.9049	198.069	84.26	260.31	2
10611	C12H18	diisopropylbenzene	25321-09-9	7.27025	1759.2398	200.339	80.23	229.96	1,2
10612	C12H18	1,2-diisopropylbenzene	577-55-9	6.61333	1420.4116	176.551	76.49	237.38	1,2
10613	C12H18	m-diisopropylbenzene	99-62-7	7.01959	1711.8089	210.423	73.95	235.62	1,2
10614	C12H18	p-diisopropylbenzene	100-18-5	6.71671	1617.6928	197.726	85.25	259.91	2
10615	C12H18	triethylbenzene; (mixed isomers)	25340-18-5	7.28462	1819.3692	195.585	93.91	247.86	1,2
10616	C12H18	1,2,3-triethylbenzene	42205-08-3	7.22336	1839.3535	206.055	89.50	249.06	1,2
10617	C12H18	1,2,4-triethylbenzene	877-44-1	7.30162	1926.9692	217.886	87.90	249.85	1,2
10618	C12H18	1,3,5-triethylbenzene	102-25-0	7.20355	1812.0744	203.296	88.81	247.28	1,2
10619	C12H18	1-tert-butyl-3,5-dimethylbenzene	98-19-1	7.27585	1782.2686	198.518	85.47	236.82	1,2
10620	C12H18	(1,1-dimethylbutyl)benzene	1985-57-5	7.27458	1776.9945	198.935	84.27	235.25	1,2
10621	C12H18	2,4-dimethyl-1-sec-butylbenzene	1483-60-9	6.68093	1603.9049	198.069	84.26	260.31	2
10622	C12H18	(1-ethylbutyl)benzene	4468-42-2	7.27754	1789.3011	197.962	87.07	238.91	1,2
10623	C12H18	(1-ethyl-1-methylpropyl)benzene	1985-97-3	7.27416	1775.2365	199.074	83.87	234.72	1,2
10624	C12H18	(1-methylpentyl)benzene	6031-02-3	7.27670	1785.7848	198.240	86.27	237.86	1,2
10625	C12H18	(3-methylpentyl)benzene	54410-69-4	7.28662	1827.9864	194.904	95.87	250.43	1,2
10626	C12H18	(4-methylpentyl)benzene	4215-86-5	7.28417	1817.4348	195.738	93.47	247.29	1,2
10627	C12H18	1,2,4-trimethyl-5-isopropylbenzene	10222-95-4	7.28743	1831.5037	194.626	96.67	251.47	1,2
10628	C12H18	4-tert-butyl-o-xylene	7397-06-0	7.27416	1775.2365	199.074	83.87	234.72	1,2
10629	C12H18	hexamethyldewarbenzene	7641-77-2	5.71080	1227.3057	209.680	50.85	275.62	2
10630	C12H18	hexamethylbenzene	87-85-4	7.18646	1903.5329	178.651	129.04	296.68	1,2
10631	C12H18	p-tert-butyl ethylbenzene	7364-19-4	7.15458	1748.8262	197.101	87.05	243.11	1,2
10632	C12H18	1,5,9-cyclododecatriene	706-31-0	6.30485	1472.0819	188.927	88.57	282.44	3
10633	C12H18	1,2,3-triethylebenzene	42205-08-3	7.16007	1767.9105	195.585	91.41	248.81	1,2
10634	C12H18	1,5,9-cyclododecatriene	4904-61-4	6.80879	1789.8543	214.670	93.46	278.82	3
10635	C12H18	cis,cis,cis-1,5,9-cyclododecatriene	4736-48-5	5.62024	1202.7953	198.069	62.26	295.20	3
10636	C12H18	cis,trans,trans-1,5,9-cyclododecatriene	53859-78-2	5.62024	1202.7953	198.069	62.26	295.20	3
10637	C12H18	3,6-diethyl-2,6-octadien-4-yne	100319-48-0	5.66236	1231.6747	208.804	55.37	287.74	2
10638	C12H18	3,9-dodecadiyne	61827-89-2	6.84102	1730.8794	198.069	98.26	274.95	2
10639	C12H18	5,7-dodecadiyne	1120-29-2	6.84102	1730.8794	198.069	98.26	274.95	2
10640	C12H18O	2-tert-butyl-4,5-dimethylphenol	1445-23-4	7.52274	2063.6069	184.201	132.17	291.19	2

Table 1 Vapor Pressure – Organic Compounds

log ₁₀ P = A - B/(T + C) (P - mmHg, T - C)									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
10641	C12H18O	2-tert-butyl-4,6-dimethylphenol	1879-09-0	8.11129	2214.5424	186.842	124.57	262.41	1,2
10642	C12H18O	4-tert-butyl-2,5-dimethylphenol	17696-37-6	7.73136	2148.9334	182.672	136.57	289.67	2
10643	C12H18O	4-tert-butyl-2,6-dimethylphenol	879-97-0	7.58573	2047.4388	187.120	123.77	277.80	1,2
10644	C12H18O	2,6-dipropylphenol	6626-32-0	7.10303	1922.8599	184.896	88.66	305.48	3
10645	C12H18O	4-(1,1-dimethylpropyl)-2-methylphenol	71745-63-6	7.57820	2086.3042	183.784	133.37	290.77	2
10646	C12H18O	2,6-dipropylphenol	6626-32-0	7.43257	2026.6868	184.896	130.17	291.89	2
10647	C12H18O	5-methyl-2-pentylphenol	1300-94-3	7.26449	1957.7873	186.252	126.27	293.29	2
10648	C12H18O	6-n-amy-1-m-cresol	53043-14-4	7.50448	2056.1331	184.340	131.77	291.33	2
10649	C12H18O	2-tert-butyl-4-ethylphenol	96-70-8	7.63211	2068.7831	186.564	125.37	278.30	1,2
10650	C12H18O	3,5-bis(1-methylethyl)phenol	26886-05-5	7.26449	1957.7873	186.252	126.27	293.29	2
10651	C12H18O	2,4-bis(1-methylethyl)phenol	2934-05-6	7.26449	1957.7873	186.252	126.27	293.29	2
10652	C12H18O	2-hexylphenol	3226-32-2	7.26449	1957.7873	186.252	126.27	293.29	2
10653	C12H19N	2,6-diisopropylaniline	24544-04-5	7.33732	1968.2971	184.618	125.97	289.05	1,2
10654	C12H19N	N,N-dipropylaniline	2217-07-4	7.24089	1889.4819	188.788	113.97	276.71	2
10655	C12H19N	4-tert-butyl-N,N-dimethylaniline	2909-79-7	7.33349	1948.9244	186.147	121.57	283.29	1,2
10656	C12H19N	N,N-diisopropylaniline	4107-98-6	7.85326	2132.5664	184.306	126.87	272.21	2
10657	C12H19N	4-hexylaniline	33228-45-4	7.42353	2028.0999	181.880	133.85	296.26	2
10658	C12H19N	n-butyl-α-methylbenzylamine	5412-64-6	6.92937	1836.1814	184.306	125.37	305.67	2
10659	C12H20	1-dodecen-3-yne	74744-36-8	6.62324	1601.1511	201.048	83.69	264.21	2
10660	C12H20	1-ethyladamantane	770-69-4	7.18140	1988.4984	235.589	86.10	261.59	3
10661	C12H20O	2-dodecynal	---	6.48193	1752.4437	183.506	136.17	347.52	2
10662	C12H20O	3-dodecynal	---	6.48193	1752.4437	183.506	136.17	347.52	2
10663	C12H20O	4-dodecynal	---	6.48193	1752.4437	183.506	136.17	347.52	2
10664	C12H20O	5-dodecynal	---	6.48193	1752.4437	183.506	136.17	347.52	2
10665	C12H20O	6-dodecynal	---	6.48193	1752.4437	183.506	136.17	347.52	2
10666	C12H20O	7-dodecynal	---	6.48193	1752.4437	183.506	136.17	347.52	2
10667	C12H20O	8-dodecynal	---	6.48193	1752.4437	183.506	136.17	347.52	2
10668	C12H20O	9-dodecynal	---	6.48193	1752.4437	183.506	136.17	347.52	2
10669	C12H20O	10-dodecynal	---	6.48193	1752.4437	183.506	136.17	347.52	2
10670	C12H20O	11-dodecynal	---	6.48193	1752.4437	183.506	136.17	347.52	2
10671	C12H20O	2-methyl-10-undecynal	---	6.26116	1654.4049	186.286	128.17	350.98	2
10672	C12H20O	3-methyl-10-undecynal	---	6.26116	1654.4049	186.286	128.17	350.98	2
10673	C12H20O	4-methyl-10-undecynal	---	6.26116	1654.4049	186.286	128.17	350.98	2
10674	C12H20O	5-methyl-10-undecynal	---	6.26116	1654.4049	186.286	128.17	350.98	2
10675	C12H20O	6-methyl-10-undecynal	---	6.26116	1654.4049	186.286	128.17	350.98	2
10676	C12H20O	7-methyl-10-undecynal	---	6.26116	1654.4049	186.286	128.17	350.98	2
10677	C12H20O	8-methyl-10-undecynal	---	6.26116	1654.4049	186.286	128.17	350.98	2
10678	C12H20O	9-methyl-10-undecynal	---	6.26116	1654.4049	186.286	128.17	350.98	2
10679	C12H20O	4-methyl-2-undecynal	---	6.26116	1654.4049	186.286	128.17	350.98	2
10680	C12H20O	5-methyl-2-undecynal	---	6.26116	1654.4049	186.286	128.17	350.98	2
10681	C12H20O	6-methyl-2-undecynal	---	6.26116	1654.4049	186.286	128.17	350.98	2
10682	C12H20O	7-methyl-2-undecynal	---	6.26116	1654.4049	186.286	128.17	350.98	2
10683	C12H20O	8-methyl-2-undecynal	---	6.26116	1654.4049	186.286	128.17	350.98	2
10684	C12H20O	9-methyl-2-undecynal	---	6.26116	1654.4049	186.286	128.17	350.98	2
10685	C12H20O	10-methyl-2-undecynal	---	6.26116	1654.4049	186.286	128.17	350.98	2
10686	C12H20O	2,5-di-tert-butylfuran	4789-40-6	7.43457	1856.7232	197.684	90.87	238.91	1,2
10687	C12H20O2	2-dodecynoic acid	---	7.70960	2478.2740	157.045	212	390	3
10688	C12H20O2	3-dodecynoic acid	---	7.70960	2478.2740	157.045	212	390	3
10689	C12H20O2	4-dodecynoic acid	---	7.70960	2478.2740	157.045	212	390	3
10690	C12H20O2	5-dodecynoic acid	---	7.70960	2478.2740	157.045	212	390	3
10691	C12H20O2	6-dodecynoic acid	---	7.70960	2478.2740	157.045	212	390	3
10692	C12H20O2	7-dodecynoic acid	---	7.70960	2478.2740	157.045	212	390	3
10693	C12H20O2	8-dodecynoic acid	---	7.70960	2478.2740	157.045	212	390	3
10694	C12H20O2	9-dodecynoic acid	---	7.70960	2478.2740	157.045	212	390	3
10695	C12H20O2	10-dodecynoic acid	---	7.70960	2478.2740	157.045	212	390	3
10696	C12H20O2	11-dodecynoic acid	---	7.70960	2478.2740	157.045	212	390	3
10697	C12H20O2	4-methyl-2-undecynoic acid	---	7.70960	2478.2740	157.045	212	390	3
10698	C12H20O2	5-methyl-2-undecynoic acid	---	7.70960	2478.2740	157.045	212	390	3
10699	C12H20O2	6-methyl-2-undecynoic acid	---	7.70960	2478.2740	157.045	212	390	3
10700	C12H20O2	7-methyl-2-undecynoic acid	---	7.70960	2478.2740	157.045	212	390	3
10701	C12H20O2	8-methyl-2-undecynoic acid	---	7.70960	2478.2740	157.045	212	390	3
10702	C12H20O2	9-methyl-2-undecynoic acid	---	7.70960	2478.2740	157.045	212	390	3
10703	C12H20O2	10-methyl-2-undecynoic acid	---	7.70960	2478.2740	157.045	212	390	3
10704	C12H20O2	2-methyl-3-undecynoic acid	---	7.70960	2478.2740	157.045	212	390	3
10705	C12H20O2	5-methyl-3-undecynoic acid	---	7.70960	2478.2740	157.045	212	390	3
10706	C12H20O2	6-methyl-3-undecynoic acid	---	7.70960	2478.2740	157.045	212	390	3
10707	C12H20O2	7-methyl-3-undecynoic acid	---	7.70960	2478.2740	157.045	212	390	3
10708	C12H20O2	8-methyl-3-undecynoic acid	---	7.70960	2478.2740	157.045	212	390	3
10709	C12H20O2	9-methyl-3-undecynoic acid	---	7.70960	2478.2740	157.045	212	390	3
10710	C12H20O2	10-methyl-3-undecynoic acid	---	7.70960	2478.2740	157.045	212	390	3
10711	C12H20O2	2-methyl-4-undecynoic acid	---	7.70960	2478.2740	157.045	212	390	3
10712	C12H20O2	3-methyl-4-undecynoic acid	---	7.70960	2478.2740	157.045	212	390	3
10713	C12H20O2	6-methyl-4-undecynoic acid	---	7.70960	2478.2740	157.045	212	390	3
10714	C12H20O2	7-methyl-4-undecynoic acid	---	7.70960	2478.2740	157.045	212	390	3
10715	C12H20O2	8-methyl-4-undecynoic acid	---	7.70960	2478.2740	157.045	212	390	3
10716	C12H20O2	9-methyl-4-undecynoic acid	---	7.70960	2478.2740	157.045	212	390	3
10717	C12H20O2	10-methyl-4-undecynoic acid	---	7.70960	2478.2740	157.045	212	390	3
10718	C12H20O2	4-ethyl-2-decynoic acid	---	7.70960	2478.2740	157.045	212	390	3
10719	C12H20O2	5-ethyl-2-decynoic acid	---	7.70960	2478.2740	157.045	212	390	3
10720	C12H20O2	6-ethyl-2-decynoic acid	---	7.70960	2478.2740	157.045	212	390	3

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mmHg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
10721	C12H20O2	7-ethyl-2-decyanoic acid	---	7.70960	2478.2740	157.045	212	390	3
10722	C12H20O2	8-ethyl-2-decyanoic acid	---	7.70960	2478.2740	157.045	212	390	3
10723	C12H20O2	9-ethyl-2-decyanoic acid	---	7.70960	2478.2740	157.045	212	390	3
10724	C12H20O2	geranyl acetate	105-87-3	8.39642	2785.0349	261.464	115.07	272.62	1,2
10725	C12H20O4	dibutyl maleate	105-76-0	8.62151	3318.2955	296.980	138.41	313.04	1,2
10726	C12H20S	2-octylthiophene	880-36-4	7.53450	2052.3925	182.756	131.33	288.77	2
10727	C12H20S	3-octylthiophene	65016-62-8	7.60957	2082.8718	182.200	132.93	288.22	2
10728	C12H20S	2-isooctylthiophene	---	7.35485	1979.3799	184.146	127.33	290.18	2
10729	C12H20S	3-isooctylthiophene	---	7.42537	2008.0557	183.590	128.93	289.61	2
10730	C12H20S	2-sec-octylthiophene	---	7.18584	1910.5949	185.536	123.33	291.64	2
10731	C12H20S	3-sec-octylthiophene	---	7.25223	1937.6259	184.980	124.93	291.05	2
10732	C12H20S	2-tert-octylthiophene	---	7.02657	1845.6722	186.926	119.33	293.13	2
10733	C12H20S	3-tert-octylthiophene	---	7.08917	1871.1994	186.370	120.93	292.53	2
10734	C12H20S	2-methyl-3-heptylthiophene	---	7.57180	2067.5376	182.478	132.13	288.49	2
10735	C12H20S	2-methyl-4-heptyl thiophene	---	7.60957	2082.8718	182.200	132.93	288.22	2
10736	C12H20S	2-methyl-5-heptyl thiophene	---	7.64783	2098.3986	181.922	133.73	287.94	2
10737	C12H20S	3-methyl-2-heptylthiophene	---	7.64783	2098.3986	181.922	133.73	287.94	2
10738	C12H20S	3-methyl-4-heptyl thiophene	---	7.68658	2114.1218	181.644	134.53	287.67	2
10739	C12H20S	3-methyl-5-heptylthiophene	---	7.72584	2130.0451	181.366	135.33	287.39	2
10740	C12H21N2O3PS	diazinon	333-41-5	11.50170	4566.0000	273.150	161.64	275.66	3
10741	C12H22	bicyclohexyl	92-51-3	7.41107	2055.2727	218.827	101.76	267.14	1,2
10742	C12H22	1-dodecyne	765-03-7	7.24075	1841.8761	207.604	87.53	246.18	1,2
10743	C12H22	2-dodecyne	629-49-2	8.07636	2118.7071	193.236	106.17	239.64	2
10744	C12H22	3-dodecyne	6790-27-8	7.77801	2006.0280	195.071	100.89	241.39	2
10745	C12H22	4-dodecyne	22058-01-3	6.58901	1300.9107	136.264	96.50	245.55	2
10746	C12H22	5-dodecyne	19780-12-2	7.08631	1645.0615	176.613	93.68	244.72	2
10747	C12H22	6-dodecyne	6975-99-1	7.65953	1969.9807	197.684	98.13	242.27	2
10748	C12H22	3-methyl-1-undecyne	---	7.47483	1891.2866	197.128	94.97	243.42	2
10749	C12H22	4-methyl-1-undecyne	---	7.47483	1891.2866	197.128	94.97	243.42	2
10750	C12H22	5-methyl-1-undecyne	---	7.47483	1891.2866	197.128	94.97	243.42	2
10751	C12H22	6-methyl-1-undecyne	---	7.47483	1891.2866	197.128	94.97	243.42	2
10752	C12H22	7-methyl-1-undecyne	---	7.47483	1891.2866	197.128	94.97	243.42	2
10753	C12H22	8-methyl-1-undecyne	---	7.47483	1891.2866	197.128	94.97	243.42	2
10754	C12H22	9-methyl-1-undecyne	---	7.47483	1891.2866	197.128	94.97	243.42	2
10755	C12H22	10-methyl-1-undecyne	---	7.47483	1891.2866	197.128	94.97	243.42	2
10756	C12H22	4-methyl-2-undecyne	---	7.47483	1891.2866	197.128	94.97	243.42	2
10757	C12H22	5-methyl-2-undecyne	---	7.47483	1891.2866	197.128	94.97	243.42	2
10758	C12H22	6-methyl-2-undecyne	---	7.47483	1891.2866	197.128	94.97	243.42	2
10759	C12H22	7-methyl-2-undecyne	---	7.47483	1891.2866	197.128	94.97	243.42	2
10760	C12H22	8-methyl-2-undecyne	---	7.47483	1891.2866	197.128	94.97	243.42	2
10761	C12H22	9-methyl-2-undecyne	---	7.47483	1891.2866	197.128	94.97	243.42	2
10762	C12H22	10-methyl-2-undecyne	---	7.47483	1891.2866	197.128	94.97	243.42	2
10763	C12H22	5-methyl-3-undecyne	---	7.47483	1891.2866	197.128	94.97	243.42	2
10764	C12H22	6-methyl-3-undecyne	---	7.47483	1891.2866	197.128	94.97	243.42	2
10765	C12H22	7-methyl-3-undecyne	---	7.47483	1891.2866	197.128	94.97	243.42	2
10766	C12H22	8-methyl-3-undecyne	---	7.47483	1891.2866	197.128	94.97	243.42	2
10767	C12H22	9-methyl-3-undecyne	---	7.47483	1891.2866	197.128	94.97	243.42	2
10768	C12H22	10-methyl-3-undecyne	---	7.47483	1891.2866	197.128	94.97	243.42	2
10769	C12H22	3,3-dimethyl-1-decyne	---	7.21443	1792.5157	199.074	89.37	245.43	2
10770	C12H22	3,4-dimethyl-1-decyne	---	7.21443	1792.5157	199.074	89.37	245.43	2
10771	C12H22	3,5-dimethyl-1-decyne	---	7.21443	1792.5157	199.074	89.37	245.43	2
10772	C12H22	3,6-dimethyl-1-decyne	---	7.21443	1792.5157	199.074	89.37	245.43	2
10773	C12H22	3,7-dimethyl-1-decyne	---	7.21443	1792.5157	199.074	89.37	245.43	2
10774	C12H22	3,8-dimethyl-1-decyne	---	7.21443	1792.5157	199.074	89.37	245.43	2
10775	C12H22	3,9-dimethyl-1-decyne	---	7.21443	1792.5157	199.074	89.37	245.43	2
10776	C12H22	4,4-dimethyl-2-decyne	---	7.21443	1792.5157	199.074	89.37	245.43	2
10777	C12H22	4,5-dimethyl-2-decyne	---	7.21443	1792.5157	199.074	89.37	245.43	2
10778	C12H22	4,6-dimethyl-2-decyne	---	7.21443	1792.5157	199.074	89.37	245.43	2
10779	C12H22	4,7-dimethyl-2-decyne	---	7.21443	1792.5157	199.074	89.37	245.43	2
10780	C12H22	4,8-dimethyl-2-decyne	---	7.21443	1792.5157	199.074	89.37	245.43	2
10781	C12H22	4,9-dimethyl-2-decyne	---	7.21443	1792.5157	199.074	89.37	245.43	2
10782	C12H22	3,3-dimethyl-4-decyne	70732-45-5	7.21443	1792.5157	199.074	89.37	245.43	2
10783	C12H22	3-ethyl-1-decyne	---	7.47483	1891.2866	197.128	94.97	243.42	2
10784	C12H22	4-ethyl-1-decyne	---	7.47483	1891.2866	197.128	94.97	243.42	2
10785	C12H22	5-ethyl-1-decyne	---	7.47483	1891.2866	197.128	94.97	243.42	2
10786	C12H22	6-ethyl-1-decyne	---	7.47483	1891.2866	197.128	94.97	243.42	2
10787	C12H22	7-ethyl-1-decyne	---	7.47483	1891.2866	197.128	94.97	243.42	2
10788	C12H22	8-ethyl-1-decyne	---	7.47483	1891.2866	197.128	94.97	243.42	2
10789	C12H22	9-ethyl-1-decyne	---	7.47483	1891.2866	197.128	94.97	243.42	2
10790	C12H22	4a-ethyl-cis-decahydronaphthalene	66553-61-5	7.01531	1739.9917	191.290	97.97	262.60	2
10791	C12H22	4a-ethyl-trans-decahydronaphthalene	66553-62-6	6.76663	1643.9758	193.514	91.57	265.08	2
10792	C12H22	1-ethyl,cis-decahydronaphthalene	---	8.06829	2144.1969	183.784	119.57	255.02	2
10793	C12H22	1-ethyl-trans-decahydronaphthalene	---	7.84319	2058.0499	185.174	115.57	256.34	2
10794	C12H22	2-ethyl-cis-decahydronaphthalene	1618-23-1	7.34604	1842.2836	190.734	99.57	251.68	1,2
10795	C12H22	2-ethyl-trans-decahydronaphthalene	---	6.85714	1678.9497	192.680	93.97	264.14	2
10796	C12H22	1,4a-dimethyl-cis-decahydronaphthalene	---	6.62259	1588.2364	194.904	87.57	266.69	2
10797	C12H22	1,4a-dimethyl-trans-decahydronaphthalene	---	6.43404	1515.1218	196.850	81.97	269.03	2
10798	C12H22	1-heptylcyclopentene	4292-00-6	7.29341	1817.7562	197.390	91.44	244.72	2
10799	C12H22	1,11-dodecadiene	5876-87-9	7.42034	1873.2704	198.101	93.67	243.86	2
10800	C12H22	spiro[5.6]dodecane	181-15-7	13.09660	5135.5403	273.150	151.39	244.82	3

Table 1 Vapor Pressure – Organic Compounds

log ₁₀ P = A - B/(T + C) (P - mmHg, T - C)									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
10801	C12H22O	2-dodecyn-1-ol	---	7.96941	2352.7588	176.632	161	315	3
10802	C12H22O	3-dodecyn-1-ol	---	7.96941	2352.7588	176.632	161	315	3
10803	C12H22O	4-dodecyn-1-ol	---	7.96941	2352.7588	176.632	161	315	3
10804	C12H22O	5-dodecyn-1-ol	---	7.96941	2352.7588	176.632	161	315	3
10805	C12H22O	6-dodecyn-1-ol	---	7.96941	2352.7588	176.632	161	315	3
10806	C12H22O	7-dodecyn-1-ol	---	7.96941	2352.7588	176.632	161	315	3
10807	C12H22O	8-dodecyn-1-ol	---	7.96941	2352.7588	176.632	161	315	3
10808	C12H22O	9-dodecyn-1-ol	---	7.96941	2352.7588	176.632	161	315	3
10809	C12H22O	10-dodecyn-1-ol	---	7.96941	2352.7588	176.632	161	315	3
10810	C12H22O	11-dodecyn-1-ol	---	7.96941	2352.7588	176.632	161	315	3
10811	C12H22O	3-dodecyn-2-ol	---	7.96941	2352.7588	176.632	161	315	3
10812	C12H22O	4-dodecyn-2-ol	---	7.96941	2352.7588	176.632	161	315	3
10813	C12H22O	5-dodecyn-2-ol	---	7.96941	2352.7588	176.632	161	315	3
10814	C12H22O	6-dodecyn-2-ol	---	7.96941	2352.7588	176.632	161	315	3
10815	C12H22O	7-dodecyn-2-ol	---	7.96941	2352.7588	176.632	161	315	3
10816	C12H22O	8-dodecyn-2-ol	---	7.96941	2352.7588	176.632	161	315	3
10817	C12H22O	9-dodecyn-2-ol	---	7.96941	2352.7588	176.632	161	315	3
10818	C12H22O	10-dodecyn-2-ol	---	7.96941	2352.7588	176.632	161	315	3
10819	C12H22O	11-dodecyn-2-ol	---	7.96941	2352.7588	176.632	161	315	3
10820	C12H22O	4-dodecyn-3-ol	---	7.96941	2352.7588	176.632	161	315	3
10821	C12H22O	5-dodecyn-3-ol	---	7.96941	2352.7588	176.632	161	315	3
10822	C12H22O	6-dodecyn-3-ol	---	7.96941	2352.7588	176.632	161	315	3
10823	C12H22O	7-dodecyn-3-ol	---	7.96941	2352.7588	176.632	161	315	3
10824	C12H22O	8-dodecyn-3-ol	---	7.96941	2352.7588	176.632	161	315	3
10825	C12H22O	9-dodecyn-3-ol	---	7.96941	2352.7588	176.632	161	315	3
10826	C12H22O	10-dodecyn-3-ol	---	7.96941	2352.7588	176.632	161	315	3
10827	C12H22O	11-dodecyn-3-ol	---	7.96941	2352.7588	176.632	161	315	3
10828	C12H22O	5-dodecyn-4-ol	---	7.96941	2352.7588	176.632	161	315	3
10829	C12H22O	6-dodecyn-4-ol	---	7.96941	2352.7588	176.632	161	315	3
10830	C12H22O	7-dodecyn-4-ol	---	7.96941	2352.7588	176.632	161	315	3
10831	C12H22O	8-dodecyn-4-ol	---	7.96941	2352.7588	176.632	161	315	3
10832	C12H22O	9-dodecyn-4-ol	---	7.96941	2352.7588	176.632	161	315	3
10833	C12H22O	10-dodecyn-4-ol	---	7.96941	2352.7588	176.632	161	315	3
10834	C12H22O	11-dodecyn-4-ol	---	7.96941	2352.7588	176.632	161	315	3
10835	C12H22O	6-dodecyn-5-ol	---	7.96941	2352.7588	176.632	161	315	3
10836	C12H22O	7-dodecyn-5-ol	---	7.96941	2352.7588	176.632	161	315	3
10837	C12H22O	8-dodecyn-5-ol	---	7.96941	2352.7588	176.632	161	315	3
10838	C12H22O	9-dodecyn-5-ol	---	7.96941	2352.7588	176.632	161	315	3
10839	C12H22O	10-dodecyn-5-ol	---	7.96941	2352.7588	176.632	161	315	3
10840	C12H22O	11-dodecyn-5-ol	---	7.96941	2352.7588	176.632	161	315	3
10841	C12H22O	1-methyl-2-undecyn-1-ol	---	7.96941	2352.7588	176.632	161	315	3
10842	C12H22O	4-methyl-2-undecyn-1-ol	---	7.96941	2352.7588	176.632	161	315	3
10843	C12H22O	5-methyl-2-undecyn-1-ol	---	7.96941	2352.7588	176.632	161	315	3
10844	C12H22O	6-methyl-2-undecyn-1-ol	---	7.96941	2352.7588	176.632	161	315	3
10845	C12H22O	7-methyl-2-undecyn-1-ol	---	7.96941	2352.7588	176.632	161	315	3
10846	C12H22O	8-methyl-2-undecyn-1-ol	---	7.96941	2352.7588	176.632	161	315	3
10847	C12H22O	9-methyl-2-undecyn-1-ol	---	7.96941	2352.7588	176.632	161	315	3
10848	C12H22O	10-methyl-2-undecyn-1-ol	---	7.96941	2352.7588	176.632	161	315	3
10849	C12H22O	1-methyl-3-undecyn-1-ol	---	7.96941	2352.7588	176.632	161	315	3
10850	C12H22O	2-methyl-3-undecyn-1-ol	---	7.96941	2352.7588	176.632	161	315	3
10851	C12H22O	5-methyl-3-undecyn-1-ol	---	7.96941	2352.7588	176.632	161	315	3
10852	C12H22O	6-methyl-3-undecyn-1-ol	---	7.96941	2352.7588	176.632	161	315	3
10853	C12H22O	7-methyl-3-undecyn-1-ol	---	7.96941	2352.7588	176.632	161	315	3
10854	C12H22O	8-methyl-3-undecyn-1-ol	---	7.96941	2352.7588	176.632	161	315	3
10855	C12H22O	9-methyl-3-undecyn-1-ol	---	7.96941	2352.7588	176.632	161	315	3
10856	C12H22O	10-methyl-3-undecyn-1-ol	---	7.96941	2352.7588	176.632	161	315	3
10857	C12H22O	1-methyl-4-undecyn-1-ol	---	7.96941	2352.7588	176.632	161	315	3
10858	C12H22O	2-methyl-4-undecyn-1-ol	---	7.96941	2352.7588	176.632	161	315	3
10859	C12H22O	3-methyl-4-undecyn-1-ol	---	7.96941	2352.7588	176.632	161	315	3
10860	C12H22O	6-methyl-4-undecyn-1-ol	---	7.96941	2352.7588	176.632	161	315	3
10861	C12H22O	7-methyl-4-undecyn-1-ol	---	7.96941	2352.7588	176.632	161	315	3
10862	C12H22O	8-methyl-4-undecyn-1-ol	---	7.96941	2352.7588	176.632	161	315	3
10863	C12H22O	9-methyl-4-undecyn-1-ol	---	7.96941	2352.7588	176.632	161	315	3
10864	C12H22O	10-methyl-4-undecyn-1-ol	---	7.96941	2352.7588	176.632	161	315	3
10865	C12H22O	1-methyl-5-undecyn-1-ol	---	7.96941	2352.7588	176.632	161	315	3
10866	C12H22O	2-methyl-5-undecyn-1-ol	---	7.96941	2352.7588	176.632	161	315	3
10867	C12H22O	3-methyl-5-undecyn-1-ol	---	7.96941	2352.7588	176.632	161	315	3
10868	C12H22O	4-methyl-5-undecyn-1-ol	---	7.96941	2352.7588	176.632	161	315	3
10869	C12H22O	7-methyl-5-undecyn-1-ol	---	7.96941	2352.7588	176.632	161	315	3
10870	C12H22O	8-methyl-5-undecyn-1-ol	---	7.96941	2352.7588	176.632	161	315	3
10871	C12H22O	9-methyl-5-undecyn-1-ol	---	7.96941	2352.7588	176.632	161	315	3
10872	C12H22O	10-methyl-5-undecyn-1-ol	---	7.96941	2352.7588	176.632	161	315	3
10873	C12H22O	1-methyl-6-undecyn-1-ol	---	7.96941	2352.7588	176.632	161	315	3
10874	C12H22O	2-methyl-6-undecyn-1-ol	---	7.96941	2352.7588	176.632	161	315	3
10875	C12H22O	3-methyl-6-undecyn-1-ol	---	7.96941	2352.7588	176.632	161	315	3
10876	C12H22O	4-methyl-6-undecyn-1-ol	---	7.96941	2352.7588	176.632	161	315	3
10877	C12H22O	5-methyl-6-undecyn-1-ol	---	7.96941	2352.7588	176.632	161	315	3
10878	C12H22O	8-methyl-6-undecyn-1-ol	---	7.96941	2352.7588	176.632	161	315	3
10879	C12H22O	9-methyl-6-undecyn-1-ol	---	7.96941	2352.7588	176.632	161	315	3
10880	C12H22O	10-methyl-6-undecyn-1-ol	---	7.96941	2352.7588	176.632	161	315	3

Table 1 Vapor Pressure – Organic Compounds

log ₁₀ P = A - B/(T + C) (P - mmHg, T - C)									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
10881	C12H22O	1-methyl-7-undecyn-1-ol	---	7.96941	2352.7588	176.632	161	315	3
10882	C12H22O	2-methyl-7-undecyn-1-ol	---	7.96941	2352.7588	176.632	161	315	3
10883	C12H22O	3-methyl-7-undecyn-1-ol	---	7.96941	2352.7588	176.632	161	315	3
10884	C12H22O	4-methyl-7-undecyn-1-ol	---	7.96941	2352.7588	176.632	161	315	3
10885	C12H22O	5-methyl-7-undecyn-1-ol	---	7.96941	2352.7588	176.632	161	315	3
10886	C12H22O	6-methyl-7-undecyn-1-ol	---	7.96941	2352.7588	176.632	161	315	3
10887	C12H22O	1-methyl-8-undecyn-1-ol	---	7.96941	2352.7588	176.632	161	315	3
10888	C12H22O	2-methyl-8-undecyn-1-ol	---	7.96941	2352.7588	176.632	161	315	3
10889	C12H22O	3-methyl-8-undecyn-1-ol	---	7.96941	2352.7588	176.632	161	315	3
10890	C12H22O	4-methyl-8-undecyn-1-ol	---	7.96941	2352.7588	176.632	161	315	3
10891	C12H22O	5-methyl-8-undecyn-1-ol	---	7.96941	2352.7588	176.632	161	315	3
10892	C12H22O	6-methyl-8-undecyn-1-ol	---	7.96941	2352.7588	176.632	161	315	3
10893	C12H22O	7-methyl-8-undecyn-1-ol	---	7.96941	2352.7588	176.632	161	315	3
10894	C12H22O	1-methyl-9-undecyn-1-ol	---	7.96941	2352.7588	176.632	161	315	3
10895	C12H22O	2-methyl-9-undecyn-1-ol	---	7.96941	2352.7588	176.632	161	315	3
10896	C12H22O	3-methyl-9-undecyn-1-ol	---	7.96941	2352.7588	176.632	161	315	3
10897	C12H22O	4-methyl-9-undecyn-1-ol	---	7.96941	2352.7588	176.632	161	315	3
10898	C12H22O	5-methyl-9-undecyn-1-ol	---	7.96941	2352.7588	176.632	161	315	3
10899	C12H22O	6-methyl-9-undecyn-1-ol	---	7.96941	2352.7588	176.632	161	315	3
10900	C12H22O	7-methyl-9-undecyn-1-ol	---	7.96941	2352.7588	176.632	161	315	3
10901	C12H22O	1-methyl-10-undecyn-1-ol	---	7.96941	2352.7588	176.632	161	315	3
10902	C12H22O	2-methyl-10-undecyn-1-ol	---	7.96941	2352.7588	176.632	161	315	3
10903	C12H22O	3-methyl-10-undecyn-1-ol	---	7.96941	2352.7588	176.632	161	315	3
10904	C12H22O	4-methyl-10-undecyn-1-ol	---	7.96941	2352.7588	176.632	161	315	3
10905	C12H22O	5-methyl-10-undecyn-1-ol	---	7.96941	2352.7588	176.632	161	315	3
10906	C12H22O	6-methyl-10-undecyn-1-ol	---	7.96941	2352.7588	176.632	161	315	3
10907	C12H22O	7-methyl-10-undecyn-1-ol	---	7.96941	2352.7588	176.632	161	315	3
10908	C12H22O	2-dodecenal	4826-62-4	7.11884	1903.0961	185.452	125.57	297.94	1,2
10909	C12H22O	trans-2-dodecenal	20407-84-5	7.05455	1883.0992	185.452	125.57	300.80	2
10910	C12H22O	3-dodecenal	68083-57-8	7.05455	1883.0992	185.452	125.57	300.80	2
10911	C12H22O	4-dodecenal	21944-98-9	7.05455	1883.0992	185.452	125.57	300.80	2
10912	C12H22O	5-dodecenal	---	7.05455	1883.0992	185.452	125.57	300.80	2
10913	C12H22O	6-dodecenal	---	7.05455	1883.0992	185.452	125.57	300.80	2
10914	C12H22O	7-dodecenal	---	7.05455	1883.0992	185.452	125.57	300.80	2
10915	C12H22O	8-dodecenal	---	7.05455	1883.0992	185.452	125.57	300.80	2
10916	C12H22O	9-dodecenal	---	7.05455	1883.0992	185.452	125.57	300.80	2
10917	C12H22O	10-dodecenal	---	7.05455	1883.0992	185.452	125.57	300.80	2
10918	C12H22O	11-dodecenal	---	7.05455	1883.0992	185.452	125.57	300.80	2
10919	C12H22O	2-methyl-2-undecenal	110-41-8	6.76291	1762.3115	188.232	117.57	303.89	2
10920	C12H22O	3-methyl-2-undecenal	---	6.76291	1762.3115	188.232	117.57	303.89	2
10921	C12H22O	4-methyl-2-undecenal	---	6.76291	1762.3115	188.232	117.57	303.89	2
10922	C12H22O	5-methyl-2-undecenal	---	6.76291	1762.3115	188.232	117.57	303.89	2
10923	C12H22O	6-methyl-2-undecenal	---	6.76291	1762.3115	188.232	117.57	303.89	2
10924	C12H22O	7-methyl-2-undecenal	---	6.76291	1762.3115	188.232	117.57	303.89	2
10925	C12H22O	8-methyl-2-undecenal	---	6.76291	1762.3115	188.232	117.57	303.89	2
10926	C12H22O	9-methyl-2-undecenal	---	6.76291	1762.3115	188.232	117.57	303.89	2
10927	C12H22O	10-methyl-2-undecenal	---	6.76291	1762.3115	188.232	117.57	303.89	2
10928	C12H22O	2-methyl-3-undecenal	---	6.76291	1762.3115	188.232	117.57	303.89	2
10929	C12H22O	3-methyl-3-undecenal	---	6.76291	1762.3115	188.232	117.57	303.89	2
10930	C12H22O	4-methyl-3-undecenal	---	6.76291	1762.3115	188.232	117.57	303.89	2
10931	C12H22O	5-methyl-3-undecenal	---	6.76291	1762.3115	188.232	117.57	303.89	2
10932	C12H22O	6-methyl-3-undecenal	---	6.76291	1762.3115	188.232	117.57	303.89	2
10933	C12H22O	7-methyl-3-undecenal	---	6.76291	1762.3115	188.232	117.57	303.89	2
10934	C12H22O	8-methyl-3-undecenal	---	6.76291	1762.3115	188.232	117.57	303.89	2
10935	C12H22O	9-methyl-3-undecenal	---	6.76291	1762.3115	188.232	117.57	303.89	2
10936	C12H22O	10-methyl-3-undecenal	---	6.76291	1762.3115	188.232	117.57	303.89	2
10937	C12H22O	2-methyl-4-undecenal	---	6.76291	1762.3115	188.232	117.57	303.89	2
10938	C12H22O	3-methyl-4-undecenal	---	6.76291	1762.3115	188.232	117.57	303.89	2
10939	C12H22O	4-methyl-4-undecenal	---	6.76291	1762.3115	188.232	117.57	303.89	2
10940	C12H22O	5-methyl-4-undecenal	---	6.76291	1762.3115	188.232	117.57	303.89	2
10941	C12H22O	6-methyl-4-undecenal	---	6.76291	1762.3115	188.232	117.57	303.89	2
10942	C12H22O	7-methyl-4-undecenal	---	6.76291	1762.3115	188.232	117.57	303.89	2
10943	C12H22O	8-methyl-4-undecenal	---	6.76291	1762.3115	188.232	117.57	303.89	2
10944	C12H22O	9-methyl-4-undecenal	---	6.76291	1762.3115	188.232	117.57	303.89	2
10945	C12H22O	10-methyl-4-undecenal	---	6.76291	1762.3115	188.232	117.57	303.89	2
10946	C12H22O	2-methyl-5-undecenal	---	6.76291	1762.3115	188.232	117.57	303.89	2
10947	C12H22O	3-methyl-5-undecenal	---	6.76291	1762.3115	188.232	117.57	303.89	2
10948	C12H22O	4-methyl-5-undecenal	---	6.76291	1762.3115	188.232	117.57	303.89	2
10949	C12H22O	5-methyl-5-undecenal	---	6.76291	1762.3115	188.232	117.57	303.89	2
10950	C12H22O	6-methyl-5-undecenal	---	6.76291	1762.3115	188.232	117.57	303.89	2
10951	C12H22O	7-methyl-5-undecenal	---	6.76291	1762.3115	188.232	117.57	303.89	2
10952	C12H22O	8-methyl-5-undecenal	---	6.76291	1762.3115	188.232	117.57	303.89	2
10953	C12H22O	9-methyl-5-undecenal	---	6.76291	1762.3115	188.232	117.57	303.89	2
10954	C12H22O	10-methyl-5-undecenal	---	6.76291	1762.3115	188.232	117.57	303.89	2
10955	C12H22O	2-methyl-6-undecenal	---	6.76291	1762.3115	188.232	117.57	303.89	2
10956	C12H22O	3-methyl-6-undecenal	---	6.76291	1762.3115	188.232	117.57	303.89	2
10957	C12H22O	4-methyl-6-undecenal	---	6.76291	1762.3115	188.232	117.57	303.89	2
10958	C12H22O	5-methyl-6-undecenal	---	6.76291	1762.3115	188.232	117.57	303.89	2
10959	C12H22O	6-methyl-6-undecenal	---	6.76291	1762.3115	188.232	117.57	303.89	2
10960	C12H22O	7-methyl-6-undecenal	---	6.76291	1762.3115	188.232	117.57	303.89	2

Table 1 Vapor Pressure – Organic Compounds

log ₁₀ P = A - B/(T + C) (P - mmHg, T - C)									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
10961	C12H22O	8-methyl-6-undecenal	---	6.76291	1762.3115	188.232	117.57	303.89	2
10962	C12H22O	9-methyl-6-undecenal	---	6.76291	1762.3115	188.232	117.57	303.89	2
10963	C12H22O	10-methyl-6-undecenal	---	6.76291	1762.3115	188.232	117.57	303.89	2
10964	C12H22O	2-methyl-7-undecenal	---	6.76291	1762.3115	188.232	117.57	303.89	2
10965	C12H22O	3-methyl-7-undecenal	---	6.76291	1762.3115	188.232	117.57	303.89	2
10966	C12H22O	4-methyl-7-undecenal	---	6.76291	1762.3115	188.232	117.57	303.89	2
10967	C12H22O	5-methyl-7-undecenal	---	6.76291	1762.3115	188.232	117.57	303.89	2
10968	C12H22O	6-methyl-7-undecenal	---	6.76291	1762.3115	188.232	117.57	303.89	2
10969	C12H22O	7-methyl-7-undecenal	---	6.76291	1762.3115	188.232	117.57	303.89	2
10970	C12H22O	8-methyl-7-undecenal	---	6.76291	1762.3115	188.232	117.57	303.89	2
10971	C12H22O	9-methyl-7-undecenal	---	6.76291	1762.3115	188.232	117.57	303.89	2
10972	C12H22O	10-methyl-7-undecenal	---	6.76291	1762.3115	188.232	117.57	303.89	2
10973	C12H22O	2-methyl-8-undecenal	---	6.76291	1762.3115	188.232	117.57	303.89	2
10974	C12H22O	3-methyl-8-undecenal	---	6.76291	1762.3115	188.232	117.57	303.89	2
10975	C12H22O	4-methyl-8-undecenal	---	6.76291	1762.3115	188.232	117.57	303.89	2
10976	C12H22O	5-methyl-8-undecenal	---	6.76291	1762.3115	188.232	117.57	303.89	2
10977	C12H22O	6-methyl-8-undecenal	---	6.76291	1762.3115	188.232	117.57	303.89	2
10978	C12H22O	7-methyl-8-undecenal	---	6.76291	1762.3115	188.232	117.57	303.89	2
10979	C12H22O	8-methyl-8-undecenal	---	6.76291	1762.3115	188.232	117.57	303.89	2
10980	C12H22O	9-methyl-8-undecenal	---	6.76291	1762.3115	188.232	117.57	303.89	2
10981	C12H22O	10-methyl-8-undecenal	---	6.76291	1762.3115	188.232	117.57	303.89	2
10982	C12H22O	2-methyl-9-undecenal	---	6.76291	1762.3115	188.232	117.57	303.89	2
10983	C12H22O	3-methyl-9-undecenal	---	6.76291	1762.3115	188.232	117.57	303.89	2
10984	C12H22O	4-methyl-9-undecenal	---	6.76291	1762.3115	188.232	117.57	303.89	2
10985	C12H22O	5-methyl-9-undecenal	---	6.76291	1762.3115	188.232	117.57	303.89	2
10986	C12H22O	6-methyl-9-undecenal	---	6.76291	1762.3115	188.232	117.57	303.89	2
10987	C12H22O	7-methyl-9-undecenal	---	6.76291	1762.3115	188.232	117.57	303.89	2
10988	C12H22O	8-methyl-9-undecenal	---	6.76291	1762.3115	188.232	117.57	303.89	2
10989	C12H22O	9-methyl-9-undecenal	---	6.76291	1762.3115	188.232	117.57	303.89	2
10990	C12H22O	10-methyl-9-undecenal	---	6.76291	1762.3115	188.232	117.57	303.89	2
10991	C12H22O	2-methyl-10-undecenal	---	6.76291	1762.3115	188.232	117.57	303.89	2
10992	C12H22O	3-methyl-10-undecenal	---	6.76291	1762.3115	188.232	117.57	303.89	2
10993	C12H22O	4-methyl-10-undecenal	---	6.76291	1762.3115	188.232	117.57	303.89	2
10994	C12H22O	5-methyl-10-undecenal	---	6.76291	1762.3115	188.232	117.57	303.89	2
10995	C12H22O	6-methyl-10-undecenal	---	6.76291	1762.3115	188.232	117.57	303.89	2
10996	C12H22O	7-methyl-10-undecenal	---	6.76291	1762.3115	188.232	117.57	303.89	2
10997	C12H22O	8-methyl-10-undecenal	---	6.76291	1762.3115	188.232	117.57	303.89	2
10998	C12H22O	9-methyl-10-undecenal	---	6.76291	1762.3115	188.232	117.57	303.89	2
10999	C12H22O	10-methyl-10-undecenal	---	6.76291	1762.3115	188.232	117.57	303.89	2
11000	C12H22O	2,2-dimethyl-2-decenal	---	6.50116	1653.5503	191.012	109.57	307.15	2
11001	C12H22O	2,3-dimethyl-2-decenal	---	6.50116	1653.5503	191.012	109.57	307.15	2
11002	C12H22O	2,4-dimethyl-2-decenal	---	6.50116	1653.5503	191.012	109.57	307.15	2
11003	C12H22O	2,5-dimethyl-2-decenal	---	6.50116	1653.5503	191.012	109.57	307.15	2
11004	C12H22O	2,6-dimethyl-2-decenal	---	6.50116	1653.5503	191.012	109.57	307.15	2
11005	C12H22O	2,7-dimethyl-2-decenal	---	6.50116	1653.5503	191.012	109.57	307.15	2
11006	C12H22O	2,8-dimethyl-2-decenal	---	6.50116	1653.5503	191.012	109.57	307.15	2
11007	C12H22O	2,9-dimethyl-2-decenal	---	6.50116	1653.5503	191.012	109.57	307.15	2
11008	C12H22O	2,2-dimethyl-3-decenal	---	6.50116	1653.5503	191.012	109.57	307.15	2
11009	C12H22O	2,3-dimethyl-3-decenal	---	6.50116	1653.5503	191.012	109.57	307.15	2
11010	C12H22O	2,4-dimethyl-3-decenal	---	6.50116	1653.5503	191.012	109.57	307.15	2
11011	C12H22O	2,5-dimethyl-3-decenal	---	6.50116	1653.5503	191.012	109.57	307.15	2
11012	C12H22O	2,6-dimethyl-3-decenal	---	6.50116	1653.5503	191.012	109.57	307.15	2
11013	C12H22O	2,7-dimethyl-3-decenal	---	6.50116	1653.5503	191.012	109.57	307.15	2
11014	C12H22O	2,8-dimethyl-3-decenal	---	6.50116	1653.5503	191.012	109.57	307.15	2
11015	C12H22O	2,9-dimethyl-3-decenal	---	6.50116	1653.5503	191.012	109.57	307.15	2
11016	C12H22O	2,2-dimethyl-4-decenal	---	6.50116	1653.5503	191.012	109.57	307.15	2
11017	C12H22O	2,3-dimethyl-4-decenal	---	6.50116	1653.5503	191.012	109.57	307.15	2
11018	C12H22O	2,4-dimethyl-4-decenal	---	6.50116	1653.5503	191.012	109.57	307.15	2
11019	C12H22O	2,5-dimethyl-4-decenal	---	6.50116	1653.5503	191.012	109.57	307.15	2
11020	C12H22O	2,6-dimethyl-4-decenal	---	6.50116	1653.5503	191.012	109.57	307.15	2
11021	C12H22O	2,7-dimethyl-4-decenal	---	6.50116	1653.5503	191.012	109.57	307.15	2
11022	C12H22O	2,8-dimethyl-4-decenal	---	6.50116	1653.5503	191.012	109.57	307.15	2
11023	C12H22O	2,9-dimethyl-4-decenal	---	6.50116	1653.5503	191.012	109.57	307.15	2
11024	C12H22O	2,2-dimethyl-5-decenal	---	6.50116	1653.5503	191.012	109.57	307.15	2
11025	C12H22O	2,3-dimethyl-5-decenal	---	6.50116	1653.5503	191.012	109.57	307.15	2
11026	C12H22O	2,4-dimethyl-5-decenal	---	6.50116	1653.5503	191.012	109.57	307.15	2
11027	C12H22O	2,5-dimethyl-5-decenal	---	6.50116	1653.5503	191.012	109.57	307.15	2
11028	C12H22O	2,6-dimethyl-5-decenal	106-72-9	6.50116	1653.5503	191.012	109.57	307.15	2
11029	C12H22O	2,7-dimethyl-5-decenal	---	6.50116	1653.5503	191.012	109.57	307.15	2
11030	C12H22O	2,8-dimethyl-5-decenal	---	6.50116	1653.5503	191.012	109.57	307.15	2
11031	C12H22O	2,9-dimethyl-5-decenal	---	6.50116	1653.5503	191.012	109.57	307.15	2
11032	C12H22O	2,2-dimethyl-6-decenal	---	6.50116	1653.5503	191.012	109.57	307.15	2
11033	C12H22O	2,3-dimethyl-6-decenal	---	6.50116	1653.5503	191.012	109.57	307.15	2
11034	C12H22O	2,4-dimethyl-6-decenal	---	6.50116	1653.5503	191.012	109.57	307.15	2
11035	C12H22O	2,5-dimethyl-6-decenal	---	6.50116	1653.5503	191.012	109.57	307.15	2
11036	C12H22O	2,6-dimethyl-6-decenal	---	6.50116	1653.5503	191.012	109.57	307.15	2
11037	C12H22O	2,7-dimethyl-6-decenal	---	6.50116	1653.5503	191.012	109.57	307.15	2
11038	C12H22O	2,8-dimethyl-6-decenal	---	6.50116	1653.5503	191.012	109.57	307.15	2
11039	C12H22O	2,9-dimethyl-6-decenal	---	6.50116	1653.5503	191.012	109.57	307.15	2
11040	C12H22O	2,2-dimethyl-7-decenal	---	6.50116	1653.5503	191.012	109.57	307.15	2

Table 1 Vapor Pressure – Organic Compounds

log ₁₀ P = A - B/(T + C) (P - mmHg, T - C)									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
11041	C12H22O	2,3-dimethyl-7-decenal	---	6.50116	1653.5503	191.012	109.57	307.15	2
11042	C12H22O	2,4-dimethyl-7-decenal	---	6.50116	1653.5503	191.012	109.57	307.15	2
11043	C12H22O	2,5-dimethyl-7-decenal	---	6.50116	1653.5503	191.012	109.57	307.15	2
11044	C12H22O	2,6-dimethyl-7-decenal	---	6.50116	1653.5503	191.012	109.57	307.15	2
11045	C12H22O	2,7-dimethyl-7-decenal	---	6.50116	1653.5503	191.012	109.57	307.15	2
11046	C12H22O	2,8-dimethyl-7-decenal	---	6.50116	1653.5503	191.012	109.57	307.15	2
11047	C12H22O	2,9-dimethyl-7-decenal	---	6.50116	1653.5503	191.012	109.57	307.15	2
11048	C12H22O	2,2-dimethyl-8-decenal	---	6.50116	1653.5503	191.012	109.57	307.15	2
11049	C12H22O	2,3-dimethyl-8-decenal	---	6.50116	1653.5503	191.012	109.57	307.15	2
11050	C12H22O	2,4-dimethyl-8-decenal	---	6.50116	1653.5503	191.012	109.57	307.15	2
11051	C12H22O	2,5-dimethyl-8-decenal	---	6.50116	1653.5503	191.012	109.57	307.15	2
11052	C12H22O	2,6-dimethyl-8-decenal	---	6.50116	1653.5503	191.012	109.57	307.15	2
11053	C12H22O	2,7-dimethyl-8-decenal	---	6.50116	1653.5503	191.012	109.57	307.15	2
11054	C12H22O	2,8-dimethyl-8-decenal	---	6.50116	1653.5503	191.012	109.57	307.15	2
11055	C12H22O	2,9-dimethyl-8-decenal	---	6.50116	1653.5503	191.012	109.57	307.15	2
11056	C12H22O	2,2-dimethyl-9-decenal	---	6.50116	1653.5503	191.012	109.57	307.15	2
11057	C12H22O	2,3-dimethyl-9-decenal	---	6.50116	1653.5503	191.012	109.57	307.15	2
11058	C12H22O	2,4-dimethyl-9-decenal	---	6.50116	1653.5503	191.012	109.57	307.15	2
11059	C12H22O	2,5-dimethyl-9-decenal	---	6.50116	1653.5503	191.012	109.57	307.15	2
11060	C12H22O	2,6-dimethyl-9-decenal	---	6.50116	1653.5503	191.012	109.57	307.15	2
11061	C12H22O	2,7-dimethyl-9-decenal	---	6.50116	1653.5503	191.012	109.57	307.15	2
11062	C12H22O	2,8-dimethyl-9-decenal	---	6.50116	1653.5503	191.012	109.57	307.15	2
11063	C12H22O	2,9-dimethyl-9-decenal	---	6.50116	1653.5503	191.012	109.57	307.15	2
11064	C12H22O	2,2-dimethyl-9-decenal	---	6.50116	1653.5503	191.012	109.57	307.15	2
11065	C12H22O	2,3-dimethyl-9-decenal	---	6.50116	1653.5503	191.012	109.57	307.15	2
11066	C12H22O	2,4-dimethyl-9-decenal	---	6.50116	1653.5503	191.012	109.57	307.15	2
11067	C12H22O	2,5-dimethyl-9-decenal	---	6.50116	1653.5503	191.012	109.57	307.15	2
11068	C12H22O	2,6-dimethyl-9-decenal	---	6.50116	1653.5503	191.012	109.57	307.15	2
11069	C12H22O	2,7-dimethyl-9-decenal	---	6.50116	1653.5503	191.012	109.57	307.15	2
11070	C12H22O	2,8-dimethyl-9-decenal	---	6.50116	1653.5503	191.012	109.57	307.15	2
11071	C12H22O	2,9-dimethyl-9-decenal	---	6.50116	1653.5503	191.012	109.57	307.15	2
11072	C12H22O2	2-dodecenoic acid	4412-16-2	6.92650	2002.8386	173.776	164.17	361.08	2
11073	C12H22O2	3-dodecenoic acid	---	6.92650	2002.8386	173.776	164.17	361.08	2
11074	C12H22O2	trans-3-dodecenoic acid	4998-71-4	6.92650	2002.8386	173.776	164.17	361.08	2
11075	C12H22O2	4-dodecenoic acid	505-92-0	6.92650	2002.8386	173.776	164.17	361.08	2
11076	C12H22O2	5-dodecenoic acid	2761-84-4	6.92650	2002.8386	173.776	164.17	361.08	2
11077	C12H22O2	cis-5-dodecenoic acid	2430-94-6	6.92650	2002.8386	173.776	164.17	361.08	2
11078	C12H22O2	6-dodecenoic acid	---	6.92650	2002.8386	173.776	164.17	361.08	2
11079	C12H22O2	7-dodecenoic acid	---	6.92650	2002.8386	173.776	164.17	361.08	2
11080	C12H22O2	8-dodecenoic acid	---	6.92650	2002.8386	173.776	164.17	361.08	2
11081	C12H22O2	9-dodecenoic acid	---	6.92650	2002.8386	173.776	164.17	361.08	2
11082	C12H22O2	10-dodecenoic acid	---	6.92650	2002.8386	173.776	164.17	361.08	2
11083	C12H22O2	11-dodecenoic acid	65423-25-8	6.92650	2002.8386	173.776	164.17	361.08	2
11084	C12H22O2	2-methyl-2-undecenoic acid	---	6.72011	1909.2027	176.000	157.77	363.59	2
11085	C12H22O2	3-methyl-2-undecenoic acid	---	6.72011	1909.2027	176.000	157.77	363.59	2
11086	C12H22O2	4-methyl-2-undecenoic acid	---	6.72011	1909.2027	176.000	157.77	363.59	2
11087	C12H22O2	5-methyl-2-undecenoic acid	---	6.72011	1909.2027	176.000	157.77	363.59	2
11088	C12H22O2	6-methyl-2-undecenoic acid	---	6.72011	1909.2027	176.000	157.77	363.59	2
11089	C12H22O2	7-methyl-2-undecenoic acid	---	6.72011	1909.2027	176.000	157.77	363.59	2
11090	C12H22O2	8-methyl-2-undecenoic acid	---	6.72011	1909.2027	176.000	157.77	363.59	2
11091	C12H22O2	9-methyl-2-undecenoic acid	---	6.72011	1909.2027	176.000	157.77	363.59	2
11092	C12H22O2	10-methyl-2-undecenoic acid	---	6.72011	1909.2027	176.000	157.77	363.59	2
11093	C12H22O2	2-methyl-3-undecenoic acid	---	6.72011	1909.2027	176.000	157.77	363.59	2
11094	C12H22O2	3-methyl-3-undecenoic acid	---	6.72011	1909.2027	176.000	157.77	363.59	2
11095	C12H22O2	4-methyl-3-undecenoic acid	---	6.72011	1909.2027	176.000	157.77	363.59	2
11096	C12H22O2	5-methyl-3-undecenoic acid	---	6.72011	1909.2027	176.000	157.77	363.59	2
11097	C12H22O2	6-methyl-3-undecenoic acid	---	6.72011	1909.2027	176.000	157.77	363.59	2
11098	C12H22O2	7-methyl-3-undecenoic acid	---	6.72011	1909.2027	176.000	157.77	363.59	2
11099	C12H22O2	8-methyl-3-undecenoic acid	---	6.72011	1909.2027	176.000	157.77	363.59	2
11100	C12H22O2	9-methyl-3-undecenoic acid	---	6.72011	1909.2027	176.000	157.77	363.59	2
11101	C12H22O2	10-methyl-3-undecenoic acid	---	6.72011	1909.2027	176.000	157.77	363.59	2
11102	C12H22O2	2-methyl-4-undecenoic acid	---	6.72011	1909.2027	176.000	157.77	363.59	2
11103	C12H22O2	3-methyl-4-undecenoic acid	---	6.72011	1909.2027	176.000	157.77	363.59	2
11104	C12H22O2	4-methyl-4-undecenoic acid	---	6.72011	1909.2027	176.000	157.77	363.59	2
11105	C12H22O2	5-methyl-4-undecenoic acid	---	6.72011	1909.2027	176.000	157.77	363.59	2
11106	C12H22O2	6-methyl-4-undecenoic acid	---	6.72011	1909.2027	176.000	157.77	363.59	2
11107	C12H22O2	7-methyl-4-undecenoic acid	---	6.72011	1909.2027	176.000	157.77	363.59	2
11108	C12H22O2	8-methyl-4-undecenoic acid	---	6.72011	1909.2027	176.000	157.77	363.59	2
11109	C12H22O2	9-methyl-4-undecenoic acid	---	6.72011	1909.2027	176.000	157.77	363.59	2
11110	C12H22O2	10-methyl-4-undecenoic acid	---	6.72011	1909.2027	176.000	157.77	363.59	2
11111	C12H22O2	2,3-dimethyl-2-decenoic acid	---	6.52927	1822.4151	178.224	151.37	366.20	2
11112	C12H22O2	2,4-dimethyl-2-decenoic acid	---	6.52927	1822.4151	178.224	151.37	366.20	2
11113	C12H22O2	2,5-dimethyl-2-decenoic acid	---	6.52927	1822.4151	178.224	151.37	366.20	2
11114	C12H22O2	2,6-dimethyl-2-decenoic acid	---	6.52927	1822.4151	178.224	151.37	366.20	2
11115	C12H22O2	2,7-dimethyl-2-decenoic acid	---	6.52927	1822.4151	178.224	151.37	366.20	2
11116	C12H22O2	2,8-dimethyl-2-decenoic acid	---	6.52927	1822.4151	178.224	151.37	366.20	2
11117	C12H22O2	2,9-dimethyl-2-decenoic acid	---	6.52927	1822.4151	178.224	151.37	366.20	2
11118	C12H22O2	2-ethyl-2-decenoic acid	---	6.62286	1865.0021	177.112	154.57	364.88	2
11119	C12H22O2	3-ethyl-2-decenoic acid	---	6.62286	1865.0021	177.112	154.57	364.88	2
11120	C12H22O2	4-ethyl-2-decenoic acid	---	6.62286	1865.0021	177.112	154.57	364.88	2

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mmHg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
11121	C12H22O2	5-ethyl-2-decenoic acid	---	6.62286	1865.0021	177.112	154.57	364.88	2
11122	C12H22O2	6-ethyl-2-decenoic acid	---	6.62286	1865.0021	177.112	154.57	364.88	2
11123	C12H22O2	7-ethyl-2-decenoic acid	---	6.62286	1865.0021	177.112	154.57	364.88	2
11124	C12H22O2	8-ethyl-2-decenoic acid	---	6.62286	1865.0021	177.112	154.57	364.88	2
11125	C12H22O2	9-ethyl-2-decenoic acid	---	6.62286	1865.0021	177.112	154.57	364.88	2
11126	C12H22O2	acetic acid 2-isopropyl-5-methyl-2-hexen-1-yl ester	40853-56-3	7.60767	2232.5887	176.320	161.56	328.13	3
11127	C12H22O2	2-ethylhexyl methacrylate	688-84-6	7.21930	1892.6678	190.618	113.70	278.16	2
11128	C12H22O2	methyl 10-undecenoate	111-81-9	7.62303	2063.6723	187.120	124.47	277.55	1,2
11129	C12H22O2	citronellyl acetate	150-84-5	7.04170	1822.6146	192.402	109.27	279.79	2
11130	C12H22O2	menthyl acetate	89-48-5	7.01028	1809.9968	192.680	108.47	280.10	2
11131	C12H22O2	(1R)-(-)-neomenthyl acetate	146502-80-9	7.21930	1892.6678	190.618	113.70	278.16	2
11132	C12H22O2	(1S)-(+)-neomenthyl acetate	2552-91-2	7.21930	1892.6678	190.618	113.70	278.16	2
11133	C12H22O2	vinyl decanoate	4704-31-8	7.21930	1892.6678	190.618	113.70	278.16	2
11134	C12H22O2	allyl 3,5,5-trimethylhexanoate	71500-21-5	7.21930	1892.6678	190.618	113.70	278.16	2
11135	C12H22O2	cis-3-hexenyl caproate	31501-11-8	7.21930	1892.6678	190.618	113.70	278.16	2
11136	C12H22O4	dimethyl sebacate	106-79-6	9.86904	5208.9106	453.087	134.23	325.85	3
11137	C12H22O4	dodecanedioic acid	693-23-2	7.67899	2647.3698	149.051	247.32	439.63	3
11138	C12H22O4S	thiodiglycolic acid, dibutyl ester	4121-12-4	9.38010	3955.0000	273.150	198.80	364.93	3
11139	C12H23Br	1-bromo-1-dodecene	---	8.09713	2302.3814	179.920	144.49	288.49	2
11140	C12H23Br	cis-1-bromo-1-dodecene	66553-39-7	7.94862	2236.8309	179.920	141.99	289.33	2
11141	C12H23Br	trans-1-bromo-1-dodecene	66553-40-0	7.94862	2236.8309	179.920	141.99	289.33	2
11142	C12H23Br	2-bromo-1-dodecene	---	8.11924	2311.4123	179.781	144.89	288.36	2
11143	C12H23Br	3-bromo-1-dodecene	---	8.14151	2320.5043	179.642	145.29	288.23	2
11144	C12H23Br	4-bromo-1-dodecene	---	8.16392	2329.6580	179.503	145.69	288.10	2
11145	C12H23Br	5-bromo-1-dodecene	---	8.18649	2338.8739	179.364	146.09	287.98	2
11146	C12H23Br	6-bromo-1-dodecene	---	8.20922	2348.1527	179.225	146.49	287.85	2
11147	C12H23Br	7-bromo-1-dodecene	---	8.23211	2357.4952	179.086	146.89	287.72	2
11148	C12H23Br	8-bromo-1-dodecene	---	8.25516	2366.9019	178.947	147.29	287.59	2
11149	C12H23Br	9-bromo-1-dodecene	---	8.27837	2376.3736	178.808	147.69	287.47	2
11150	C12H23Br	10-bromo-1-dodecene	---	8.30174	2385.9109	178.669	148.09	287.34	2
11151	C12H23Br	11-bromo-1-dodecene	---	8.32528	2395.5145	178.530	148.49	287.21	2
11152	C12H23Br	12-bromo-1-dodecene	---	8.34899	2405.1852	178.391	148.89	287.09	2
11153	C12H23Br	1-bromo-2-dodecene	---	8.37286	2414.9236	178.252	149.29	286.96	2
11154	C12H23Br	2-bromo-2-dodecene	---	8.39691	2424.7305	178.113	149.69	286.83	2
11155	C12H23Br	3-bromo-2-dodecene	---	8.42113	2434.6067	177.974	150.09	286.71	2
11156	C12H23Br	4-bromo-2-dodecene	---	8.44553	2444.5528	177.835	150.49	286.58	2
11157	C12H23Br	5-bromo-2-dodecene	---	8.47010	2454.5696	177.696	150.89	286.46	2
11158	C12H23Br	6-bromo-2-dodecene	---	8.49484	2464.6579	177.557	151.29	286.33	2
11159	C12H23Br	7-bromo-2-dodecene	---	8.51977	2474.8185	177.418	151.69	286.21	2
11160	C12H23Br	8-bromo-2-dodecene	---	8.54489	2485.0522	177.279	152.09	286.09	2
11161	C12H23Br	9-bromo-2-dodecene	---	8.57018	2495.3598	177.140	152.49	285.96	2
11162	C12H23Br	10-bromo-2-dodecene	---	8.59566	2505.7420	177.001	152.89	285.84	2
11163	C12H23Br	11-bromo-2-dodecene	---	8.62134	2516.1998	176.862	153.29	285.72	2
11164	C12H23Br	12-bromo-2-dodecene	---	8.64720	2526.7339	176.723	153.69	285.60	2
11165	C12H23Br3	1,1,1-tribromododecane	62127-69-9	7.84134	2438.3528	161.544	194.87	361.76	2
11166	C12H23Cl	1-chloro-1-dodecene	---	6.92258	1875.8015	182.950	133.77	318.50	2
11167	C12H23Cl	cis-1-chloro-1-dodecene	66553-41-1	6.92258	1875.8015	182.950	133.77	318.50	2
11168	C12H23Cl	trans-1-chloro-1-dodecene	66553-42-2	6.92258	1875.8015	182.950	133.77	318.50	2
11169	C12H23Cl	2-chloro-1-dodecene	---	6.95134	1888.0158	182.672	134.57	318.19	2
11170	C12H23Cl	3-chloro-1-dodecene	---	6.96583	1894.1717	182.533	134.97	318.04	2
11171	C12H23Cl	4-chloro-1-dodecene	---	6.98041	1900.3604	182.394	135.37	317.89	2
11172	C12H23Cl	5-chloro-1-dodecene	---	6.99506	1906.5822	182.255	135.77	317.74	2
11173	C12H23Cl	6-chloro-1-dodecene	---	7.00980	1912.8374	182.116	136.17	317.59	2
11174	C12H23Cl	7-chloro-1-dodecene	---	7.02462	1919.1263	181.977	136.57	317.43	2
11175	C12H23Cl	8-chloro-1-dodecene	---	7.03952	1925.4491	181.838	136.97	317.28	2
11176	C12H23Cl	9-chloro-1-dodecene	---	7.05450	1931.8062	181.699	137.37	317.13	2
11177	C12H23Cl	10-chloro-1-dodecene	---	7.06957	1938.1978	181.560	137.77	316.98	2
11178	C12H23Cl	11-chloro-1-dodecene	---	7.08472	1944.6241	181.421	138.17	316.83	2
11179	C12H23Cl	12-chloro-1-dodecene	---	7.09996	1951.0856	181.282	138.57	316.68	2
11180	C12H23Cl	1-chloro-2-dodecene	---	7.11528	1957.5825	181.143	138.97	316.53	2
11181	C12H23Cl	2-chloro-2-dodecene	---	7.13069	1964.1151	181.004	139.37	316.39	2
11182	C12H23Cl	3-chloro-2-dodecene	---	7.14618	1970.6837	180.865	139.77	316.24	2
11183	C12H23Cl	4-chloro-2-dodecene	---	7.16177	1977.2885	180.726	140.17	316.09	2
11184	C12H23Cl	5-chloro-2-dodecene	---	7.17744	1983.9300	180.587	140.57	315.94	2
11185	C12H23Cl	6-chloro-2-dodecene	---	7.19320	1990.6085	180.448	140.97	315.79	2
11186	C12H23Cl	7-chloro-2-dodecene	---	7.20905	1997.3241	180.309	141.37	315.65	2
11187	C12H23Cl	8-chloro-2-dodecene	---	7.22500	2004.0774	180.170	141.77	315.50	2
11188	C12H23Cl	9-chloro-2-dodecene	---	7.24103	2010.8685	180.031	142.17	315.36	2
11189	C12H23Cl	10-chloro-2-dodecene	---	7.25716	2017.6978	179.892	142.57	315.21	2
11190	C12H23Cl	11-chloro-2-dodecene	---	7.27338	2024.5657	179.753	142.97	315.06	2
11191	C12H23Cl	12-chloro-2-dodecene	---	7.28969	2031.4725	179.614	143.37	314.92	2
11192	C12H23Cl3	1,1,1-trichlorododecane	62108-57-0	7.11525	2042.2999	173.498	160.47	345.72	3
11193	C12H23F	1-fluoro-1-dodecene	---	6.58571	1669.2343	194.070	104.77	296.32	2
11194	C12H23F	cis-1-fluoro-1-dodecene	66553-43-3	6.58571	1669.2343	194.070	104.77	296.32	2
11195	C12H23F	trans-1-fluoro-1-dodecene	66553-44-4	6.58571	1669.2343	194.070	104.77	296.32	2
11196	C12H23F	2-fluoro-1-dodecene	---	6.59875	1674.5921	193.931	105.17	296.16	2
11197	C12H23F	3-fluoro-1-dodecene	---	6.61185	1679.9773	193.792	105.57	296.00	2
11198	C12H23F	4-fluoro-1-dodecene	---	6.62503	1685.3902	193.653	105.97	295.83	2
11199	C12H23F	5-fluoro-1-dodecene	---	6.63828	1690.8311	193.514	106.37	295.67	2
11200	C12H23F	6-fluoro-1-dodecene	---	6.65160	1696.3002	193.375	106.77	295.51	2

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mmHg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
11201	C12H23F	7-fluoro-1-dodecene	---	6.66499	1701.7976	193.236	107.17	295.34	2
11202	C12H23F	8-fluoro-1-dodecene	---	6.67845	1707.3237	193.097	107.57	295.18	2
11203	C12H23F	9-fluoro-1-dodecene	---	6.69198	1712.8786	192.958	107.97	295.02	2
11204	C12H23F	10-fluoro-1-dodecene	---	6.70559	1718.4626	192.819	108.37	294.86	2
11205	C12H23F	11-fluoro-1-dodecene	---	6.71927	1724.0759	192.680	108.77	294.70	2
11206	C12H23F	12-fluoro-1-dodecene	---	6.73303	1729.7188	192.541	109.17	294.54	2
11207	C12H23F	1-fluoro-2-dodecene	---	6.74686	1735.3914	192.402	109.57	294.38	2
11208	C12H23F	2-fluoro-2-dodecene	---	6.76076	1741.0942	192.263	109.97	294.22	2
11209	C12H23F	3-fluoro-2-dodecene	---	6.77474	1746.8272	192.124	110.37	294.06	2
11210	C12H23F	4-fluoro-2-dodecene	---	6.78880	1752.5907	191.985	110.77	293.91	2
11211	C12H23F	5-fluoro-2-dodecene	---	6.80294	1758.3850	191.846	111.17	293.75	2
11212	C12H23F	6-fluoro-2-dodecene	---	6.81715	1764.2104	191.707	111.57	293.59	2
11213	C12H23F	7-fluoro-2-dodecene	---	6.83145	1770.0671	191.568	111.97	293.43	2
11214	C12H23F	8-fluoro-2-dodecene	---	6.84582	1775.9554	191.429	112.37	293.28	2
11215	C12H23F	9-fluoro-2-dodecene	---	6.86027	1781.8755	191.290	112.77	293.12	2
11216	C12H23F	10-fluoro-2-dodecene	---	6.87480	1787.8276	191.151	113.17	292.97	2
11217	C12H23F	11-fluoro-2-dodecene	---	6.88942	1793.8122	191.012	113.57	292.81	2
11218	C12H23F	12-fluoro-2-dodecene	---	6.90411	1799.8294	190.873	113.97	292.66	2
11219	C12H23F3	1,1,1-trifluorododecane	764-84-1	6.57567	1610.8707	204.550	84.36	270.10	3
11220	C12H23I	1-iodo-1-dodecene	---	9.00138	2658.0926	176.834	155.37	279.92	2
11221	C12H23I	cis-1-iodo-1-dodecene	66553-45-5	9.00138	2658.0926	176.834	155.37	279.92	2
11222	C12H23I	trans-1-iodo-1-dodecene	66553-46-6	9.00138	2658.0926	176.834	155.37	279.92	2
11223	C12H23I	2-iodo-1-dodecene	---	9.01291	2662.7610	176.779	155.53	279.87	2
11224	C12H23I	3-iodo-1-dodecene	---	9.02448	2667.4438	176.723	155.69	279.82	2
11225	C12H23I	4-iodo-1-dodecene	---	9.03609	2672.1412	176.668	155.85	279.78	2
11226	C12H23I	5-iodo-1-dodecene	---	9.04774	2676.8531	176.612	156.01	279.73	2
11227	C12H23I	6-iodo-1-dodecene	---	9.05942	2681.5798	176.556	156.17	279.68	2
11228	C12H23I	7-iodo-1-dodecene	---	9.07113	2686.3211	176.501	156.33	279.64	2
11229	C12H23I	8-iodo-1-dodecene	---	9.08289	2691.0773	176.445	156.49	279.59	2
11230	C12H23I	9-iodo-1-dodecene	---	9.09468	2695.8484	176.390	156.65	279.54	2
11231	C12H23I	10-iodo-1-dodecene	---	9.10651	2700.6344	176.334	156.81	279.50	2
11232	C12H23I	11-iodo-1-dodecene	---	9.11838	2705.4354	176.278	156.97	279.45	2
11233	C12H23I	12-iodo-1-dodecene	---	9.13028	2710.2516	176.223	157.13	279.40	2
11234	C12H23I	1-iodo-2-dodecene	---	9.14223	2715.0829	176.167	157.29	279.35	2
11235	C12H23I	2-iodo-2-dodecene	---	9.15421	2719.9294	176.112	157.45	279.31	2
11236	C12H23I	3-iodo-2-dodecene	---	9.16623	2724.7913	176.056	157.61	279.26	2
11237	C12H23I	4-iodo-2-dodecene	---	9.17828	2729.6685	176.000	157.77	279.21	2
11238	C12H23I	5-iodo-2-dodecene	---	9.19038	2734.5613	175.945	157.93	279.17	2
11239	C12H23I	6-iodo-2-dodecene	---	9.20252	2739.4695	175.889	158.09	279.12	2
11240	C12H23I	7-iodo-2-dodecene	---	9.21469	2744.3934	175.834	158.25	279.07	2
11241	C12H23I	8-iodo-2-dodecene	---	9.22691	2749.3329	175.778	158.41	279.03	2
11242	C12H23I	9-iodo-2-dodecene	---	9.23916	2754.2882	175.722	158.57	278.98	2
11243	C12H23I	10-iodo-2-dodecene	---	9.25146	2759.2594	175.667	158.73	278.94	2
11244	C12H23I	11-iodo-2-dodecene	---	9.26379	2764.2465	175.611	158.89	278.89	2
11245	C12H23I	12-iodo-2-dodecene	---	9.27616	2769.2495	175.556	159.05	278.84	2
11246	C12H23N	dicyclohexylamine	101-83-7	7.43368	2147.5996	215.653	118.15	289.45	1,2
11247	C12H23N	dodecanenitrile	2437-25-4	7.28097	2006.9472	179.058	140.47	310.55	1,2
11248	C12H24	heptylcyclopentane	5617-42-5	7.29809	1844.9657	193.751	99.19	254.47	1,2
11249	C12H24	hexylcyclohexane	4292-75-5	7.05226	1741.4416	192.758	94.98	257.18	1,2
11250	C12H24	1-methyl-2-pentylcyclohexane	54411-01-7	7.19311	1780.3300	195.599	91.87	248.23	1,2
11251	C12H24	cyclododecane	294-62-2	7.22864	1851.6989	193.590	103.70	263.98	3
11252	C12H24	1-dodecene	112-41-4	7.26119	1820.1374	202.471	88.23	243.71	1,2
11253	C12H24	2-dodecene	---	8.44915	2230.3224	193.236	106.17	230.19	2
11254	C12H24	cis-2-dodecene	7206-26-0	7.32915	1725.8331	180.672	92.01	235.46	2
11255	C12H24	trans-2-dodecene	7206-13-5	7.34032	1727.4785	180.070	92.39	235.34	2
11256	C12H24	3-dodecene	---	8.11196	2104.8631	195.071	100.89	231.87	2
11257	C12H24	cis-3-dodecene	7239-23-8	7.19632	1681.2457	182.282	89.05	236.51	2
11258	C12H24	4-dodecene	---	8.11196	2104.8631	195.071	100.89	231.87	2
11259	C12H24	cis-4-dodecene	7206-27-1	7.16423	1674.7809	183.692	88.00	236.86	2
11260	C12H24	trans-4-dodecene	7206-15-7	7.17759	1674.5992	182.434	88.64	236.66	2
11261	C12H24	5-dodecene	---	8.11196	2104.8631	195.071	100.89	231.87	2
11262	C12H24	trans-5-dodecene	7206-16-8	7.17540	1674.1698	182.532	88.57	236.69	2
11263	C12H24	6-dodecene	---	8.11196	2104.8631	195.071	100.89	231.87	2
11264	C12H24	cis-6-dodecene	7206-29-3	7.13370	1662.7066	183.659	87.42	237.08	2
11265	C12H24	trans-6-dodecene	7206-17-9	6.96657	1522.8498	165.421	89.81	236.95	2
11266	C12H24	2-methyl-1-undecene	18516-37-5	7.31039	1798.8377	198.796	86.26	236.91	2
11267	C12H24	3-methyl-1-undecene	---	7.77159	1977.9703	197.128	94.97	233.83	2
11268	C12H24	4-methyl-1-undecene	---	7.77159	1977.9703	197.128	94.97	233.83	2
11269	C12H24	5-methyl-1-undecene	---	7.77159	1977.9703	197.128	94.97	233.83	2
11270	C12H24	6-methyl-1-undecene	---	7.77159	1977.9703	197.128	94.97	233.83	2
11271	C12H24	7-methyl-1-undecene	---	7.77159	1977.9703	197.128	94.97	233.83	2
11272	C12H24	8-methyl-1-undecene	---	7.77159	1977.9703	197.128	94.97	233.83	2
11273	C12H24	9-methyl-1-undecene	---	7.77159	1977.9703	197.128	94.97	233.83	2
11274	C12H24	10-methyl-1-undecene	---	7.77159	1977.9703	197.128	94.97	233.83	2
11275	C12H24	3-methyl-2-undecene	---	7.77159	1977.9703	197.128	94.97	233.83	2
11276	C12H24	4-methyl-2-undecene	---	7.77159	1977.9703	197.128	94.97	233.83	2
11277	C12H24	5-methyl-2-undecene	---	7.77159	1977.9703	197.128	94.97	233.83	2
11278	C12H24	6-methyl-2-undecene	---	7.77159	1977.9703	197.128	94.97	233.83	2
11279	C12H24	7-methyl-2-undecene	---	7.77159	1977.9703	197.128	94.97	233.83	2
11280	C12H24	8-methyl-2-undecene	---	7.77159	1977.9703	197.128	94.97	233.83	2

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C)$ (P - mmHg, T - C)									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
11281	C12H24	9-methyl-2-undecene	---	7.77159	1977.9703	197.128	94.97	233.83	2
11282	C12H24	10-methyl-2-undecene	---	7.77159	1977.9703	197.128	94.97	233.83	2
11283	C12H24	4-methyl-3-undecene	---	7.77159	1977.9703	197.128	94.97	233.83	2
11284	C12H24	5-methyl-3-undecene	---	7.77159	1977.9703	197.128	94.97	233.83	2
11285	C12H24	6-methyl-3-undecene	---	7.77159	1977.9703	197.128	94.97	233.83	2
11286	C12H24	7-methyl-3-undecene	---	7.77159	1977.9703	197.128	94.97	233.83	2
11287	C12H24	8-methyl-3-undecene	---	7.77159	1977.9703	197.128	94.97	233.83	2
11288	C12H24	9-methyl-3-undecene	---	7.77159	1977.9703	197.128	94.97	233.83	2
11289	C12H24	10-methyl-3-undecene	---	7.77159	1977.9703	197.128	94.97	233.83	2
11290	C12H24	2,3-dimethyl-1-decene	---	7.48107	1869.4287	199.074	89.37	235.75	2
11291	C12H24	3,3-dimethyl-1-decene	---	7.48107	1869.4287	199.074	89.37	235.75	2
11292	C12H24	3,4-dimethyl-1-decene	---	7.48107	1869.4287	199.074	89.37	235.75	2
11293	C12H24	3,5-dimethyl-1-decene	---	7.48107	1869.4287	199.074	89.37	235.75	2
11294	C12H24	3,6-dimethyl-1-decene	---	7.48107	1869.4287	199.074	89.37	235.75	2
11295	C12H24	3,7-dimethyl-1-decene	---	7.48107	1869.4287	199.074	89.37	235.75	2
11296	C12H24	3,8-dimethyl-1-decene	---	7.48107	1869.4287	199.074	89.37	235.75	2
11297	C12H24	3,9-dimethyl-1-decene	---	7.48107	1869.4287	199.074	89.37	235.75	2
11298	C12H24	3,4-dimethyl-2-decene	---	7.48107	1869.4287	199.074	89.37	235.75	2
11299	C12H24	4,4-dimethyl-2-decene	---	7.48107	1869.4287	199.074	89.37	235.75	2
11300	C12H24	4,5-dimethyl-2-decene	---	7.48107	1869.4287	199.074	89.37	235.75	2
11301	C12H24	4,6-dimethyl-2-decene	---	7.48107	1869.4287	199.074	89.37	235.75	2
11302	C12H24	4,7-dimethyl-2-decene	---	7.48107	1869.4287	199.074	89.37	235.75	2
11303	C12H24	4,8-dimethyl-2-decene	---	7.48107	1869.4287	199.074	89.37	235.75	2
11304	C12H24	4,9-dimethyl-2-decene	---	7.48107	1869.4287	199.074	89.37	235.75	2
11305	C12H24	3,3-dimethyl-4-decene	---	7.48107	1869.4287	199.074	89.37	235.75	2
11306	C12H24	isobutene, trimer	7756-94-7	6.53575	1510.6737	206.024	66.87	244.40	2
11307	C12H24	4,4-dimethyl-2-neopentyl-1-pentene	141-70-8	7.94348	2042.0860	196.062	98.04	232.80	2
11308	C12H24	2,2,4,6,6-pentamethyl-3-heptene	123-48-8	7.41811	1753.3079	205.871	67.31	208.01	1,2
11309	C12H24	trans-2,2,4,6,6-pentamethyl-3-heptene	27656-50-4	6.65203	1558.1589	205.871	69.81	243.14	2
11310	C12H24	3-ethyl-1-decene	---	7.77159	1977.9703	197.128	94.97	233.83	2
11311	C12H24	4-ethyl-1-decene	---	7.77159	1977.9703	197.128	94.97	233.83	2
11312	C12H24	5-ethyl-1-decene	---	7.77159	1977.9703	197.128	94.97	233.83	2
11313	C12H24	6-ethyl-1-decene	---	7.77159	1977.9703	197.128	94.97	233.83	2
11314	C12H24	7-ethyl-1-decene	---	7.77159	1977.9703	197.128	94.97	233.83	2
11315	C12H24	8-ethyl-1-decene	---	7.77159	1977.9703	197.128	94.97	233.83	2
11316	C12H24	9-ethyl-1-decene	---	7.77159	1977.9703	197.128	94.97	233.83	2
11317	C12H24Br2	1,1-dibromododecane	62168-29-0	7.89683	2374.5659	169.328	174.97	334.29	2
11318	C12H24Br2	1,2-dibromododecane	---	7.93576	2391.5897	169.050	175.77	334.03	2
11319	C12H24Br2	1,3-dibromododecane	---	7.97517	2408.8228	168.772	176.57	333.76	2
11320	C12H24Br2	1,4-dibromododecane	---	8.01509	2426.2693	168.494	177.37	333.50	2
11321	C12H24Br2	1,5-dibromododecane	---	8.05551	2443.9331	168.216	178.17	333.24	2
11322	C12H24Br2	1,6-dibromododecane	---	8.09645	2461.8186	167.938	178.97	332.98	2
11323	C12H24Br2	1,7-dibromododecane	---	8.13792	2479.9298	167.660	179.77	332.72	2
11324	C12H24Br2	1,8-dibromododecane	---	8.17992	2498.2713	167.382	180.57	332.46	2
11325	C12H24Br2	1,9-dibromododecane	---	8.22248	2516.8475	167.104	181.37	332.21	2
11326	C12H24Br2	1,10-dibromododecane	---	8.26559	2535.6630	166.826	182.17	331.95	2
11327	C12H24Br2	1,11-dibromododecane	---	8.30927	2554.7226	166.548	182.97	331.70	2
11328	C12H24Br2	1,12-dibromododecane	3344-70-5	8.35353	2574.0312	166.270	183.77	331.45	2
11329	C12H24Br2	2,2-dibromododecane	---	7.53252	2215.0360	172.108	166.97	337.02	2
11330	C12H24Br2	2,3-dibromododecane	---	7.56703	2230.1643	171.830	167.77	336.74	2
11331	C12H24Br2	2,4-dibromododecane	---	7.60194	2245.4672	171.552	168.57	336.46	2
11332	C12H24Br2	2,5-dibromododecane	---	7.63727	2260.9478	171.274	169.37	336.19	2
11333	C12H24Br2	2,6-dibromododecane	---	7.67302	2276.6093	170.996	170.17	335.91	2
11334	C12H24Br2	2,7-dibromododecane	---	7.70920	2292.4550	170.718	170.97	335.64	2
11335	C12H24Br2	2,8-dibromododecane	---	7.74582	2308.4882	170.440	171.77	335.37	2
11336	C12H24Br2	2,9-dibromododecane	---	7.78288	2324.7124	170.162	172.57	335.10	2
11337	C12H24Br2	2,10-dibromododecane	---	7.82040	2341.1309	169.884	173.37	334.83	2
11338	C12H24Br2	2,11-dibromododecane	---	7.85838	2357.7475	169.606	174.17	334.56	2
11339	C12H24Cl2	1,1-dichlorododecane	62017-17-8	7.02374	1990.8837	179.336	151.17	338.87	2
11340	C12H24Cl2	1,2-dichlorododecane	---	6.85633	1909.3278	179.058	146.97	340.56	2
11341	C12H24Cl2	1,3-dichlorododecane	---	6.88345	1921.2425	178.780	147.77	340.25	2
11342	C12H24Cl2	1,4-dichlorododecane	---	6.91086	1933.2786	178.502	148.57	339.94	2
11343	C12H24Cl2	1,5-dichlorododecane	---	6.93856	1945.4378	178.224	149.37	339.63	2
11344	C12H24Cl2	1,6-dichlorododecane	---	6.96655	1957.7223	177.946	150.17	339.33	2
11345	C12H24Cl2	1,7-dichlorododecane	---	6.99484	1970.1340	177.668	150.97	339.02	2
11346	C12H24Cl2	1,8-dichlorododecane	---	7.02343	1982.6749	177.390	151.77	338.72	2
11347	C12H24Cl2	1,9-dichlorododecane	---	7.05233	1995.3471	177.112	152.57	338.42	2
11348	C12H24Cl2	1,10-dichlorododecane	---	7.08155	2008.1527	176.834	153.37	338.12	2
11349	C12H24Cl2	1,11-dichlorododecane	---	7.11108	2021.0940	176.556	154.17	337.82	2
11350	C12H24Cl2	1,12-dichlorododecane	3922-28-9	7.35832	2137.9740	176.278	159.97	335.63	2
11351	C12H24Cl2	2,2-dichlorododecane	---	6.57552	1785.7616	182.116	138.17	344.09	2
11352	C12H24Cl2	2,3-dichlorododecane	---	6.59979	1796.4578	181.838	138.97	343.76	2
11353	C12H24Cl2	2,4-dichlorododecane	---	6.62430	1807.2566	181.560	139.77	343.43	2
11354	C12H24Cl2	2,5-dichlorododecane	---	6.64905	1818.1596	181.282	140.57	343.11	2
11355	C12H24Cl2	2,6-dichlorododecane	---	6.67405	1829.1684	181.004	141.37	342.78	2
11356	C12H24Cl2	2,7-dichlorododecane	---	6.69930	1840.2844	180.726	142.17	342.46	2
11357	C12H24Cl2	2,8-dichlorododecane	---	6.72481	1851.5094	180.448	142.97	342.14	2
11358	C12H24Cl2	2,9-dichlorododecane	---	6.75058	1862.8450	180.170	143.77	341.82	2
11359	C12H24Cl2	2,10-dichlorododecane	---	6.77661	1874.2928	179.892	144.57	341.50	2
11360	C12H24Cl2	2,11-dichlorododecane	---	6.80291	1885.8548	179.614	145.37	341.19	2

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mmHg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
11361	C12H24F2	1,1-difluorododecane	62127-45-1	6.51321	1658.1111	195.182	105.57	302.54	3
11362	C12H24F2	1,2-difluorododecane	---	6.53831	1668.5492	194.904	106.37	302.21	3
11363	C12H24F2	1,3-difluorododecane	---	6.56366	1679.0921	194.626	107.17	301.88	3
11364	C12H24F2	1,4-difluorododecane	---	6.58928	1689.7414	194.348	107.97	301.55	3
11365	C12H24F2	1,5-difluorododecane	---	6.61517	1700.4989	194.070	108.77	301.22	3
11366	C12H24F2	1,6-difluorododecane	---	6.64133	1711.3662	193.792	109.57	300.90	3
11367	C12H24F2	1,7-difluorododecane	---	6.66777	1722.3451	193.514	110.37	300.57	3
11368	C12H24F2	1,8-difluorododecane	---	6.69449	1733.4373	193.236	111.17	300.25	3
11369	C12H24F2	1,9-difluorododecane	---	6.72149	1744.6448	192.958	111.97	299.93	3
11370	C12H24F2	1,10-difluorododecane	---	6.74879	1755.9693	192.680	112.77	299.61	3
11371	C12H24F2	1,11-difluorododecane	---	6.77638	1767.4128	192.402	113.57	299.29	3
11372	C12H24F2	1,12-difluorododecane	---	6.80427	1778.9772	192.124	114.37	298.98	3
11373	C12H24F2	2,2-difluorododecane	---	6.27576	1559.1575	197.962	97.57	305.98	3
11374	C12H24F2	2,3-difluorododecane	---	6.29846	1568.6307	197.684	98.37	305.63	3
11375	C12H24F2	2,4-difluorododecane	---	6.32138	1578.1939	197.406	99.17	305.28	3
11376	C12H24F2	2,5-difluorododecane	---	6.34452	1587.8487	197.128	99.97	304.93	3
11377	C12H24F2	2,6-difluorododecane	---	6.36790	1597.5962	196.850	100.77	304.58	3
11378	C12H24F2	2,7-difluorododecane	---	6.39151	1607.4380	196.572	101.57	304.24	3
11379	C12H24F2	2,8-difluorododecane	---	6.41536	1617.3754	196.294	102.37	303.90	3
11380	C12H24F2	2,9-difluorododecane	---	6.43945	1627.4100	196.016	103.17	303.56	3
11381	C12H24F2	2,10-difluorododecane	---	6.46379	1637.5431	195.738	103.97	303.22	3
11382	C12H24F2	2,11-difluorododecane	---	6.48837	1647.7763	195.460	104.77	302.88	3
11383	C12H24I2	1,1-diiodododecane	66553-33-1	8.23124	2758.3805	152.204	229.25	394.08	2
11384	C12H24I2	1,2-diiodododecane	---	8.27071	2777.2350	151.926	230.05	393.82	2
11385	C12H24I2	1,3-diiodododecane	---	8.31067	2796.3131	151.648	230.85	393.57	2
11386	C12H24I2	1,4-diiodododecane	---	8.35111	2815.6188	151.370	231.65	393.31	2
11387	C12H24I2	1,5-diiodododecane	---	8.39205	2835.1564	151.092	232.45	393.06	2
11388	C12H24I2	1,6-diiodododecane	---	8.43348	2854.9301	150.814	233.25	392.81	2
11389	C12H24I2	1,7-diiodododecane	---	8.47544	2874.9442	150.536	234.05	392.56	2
11390	C12H24I2	1,8-diiodododecane	---	8.51791	2895.2033	150.258	234.85	392.32	2
11391	C12H24I2	1,9-diiodododecane	---	8.56092	2915.7120	149.980	235.65	392.07	2
11392	C12H24I2	1,10-diiodododecane	---	8.60446	2936.4750	149.702	236.45	391.82	2
11393	C12H24I2	1,11-diiodododecane	---	8.64856	2957.4971	149.424	237.25	391.58	2
11394	C12H24I2	1,12-diiodododecane	---	8.69323	2978.7834	149.146	238.05	391.33	2
11395	C12H24I2	2,2-diiodododecane	---	7.86090	2581.3010	154.984	221.25	396.69	2
11396	C12H24I2	2,3-diiodododecane	---	7.89605	2598.1239	154.706	222.05	396.42	2
11397	C12H24I2	2,4-diiodododecane	---	7.93159	2615.1346	154.428	222.85	396.16	2
11398	C12H24I2	2,5-diiodododecane	---	7.96755	2632.3362	154.150	223.65	395.89	2
11399	C12H24I2	2,6-diiodododecane	---	8.00392	2649.7320	153.872	224.45	395.63	2
11400	C12H24I2	2,7-diiodododecane	---	8.04071	2667.3255	153.594	225.25	395.37	2
11401	C12H24I2	2,8-diiodododecane	---	8.07792	2685.1199	153.316	226.05	395.11	2
11402	C12H24I2	2,9-diiodododecane	---	8.11558	2703.1190	153.038	226.85	394.85	2
11403	C12H24I2	2,10-diiodododecane	---	8.15368	2721.3263	152.760	227.65	394.59	2
11404	C12H24I2	2,11-diiodododecane	---	8.19223	2739.7455	152.482	228.45	394.33	2
11405	C12H24O	dodecanal	112-54-9	8.20318	2261.1680	186.842	127.07	263.47	1,2
11406	C12H24O	2-methylundecanal	110-41-8	7.60973	2061.5658	187.649	124.25	277.94	2
11407	C12H24O	3-methylundecanal	---	7.40571	1979.5398	189.178	119.85	279.48	2
11408	C12H24O	4-methylundecanal	---	7.40571	1979.5398	189.178	119.85	279.48	2
11409	C12H24O	5-methylundecanal	---	7.40571	1979.5398	189.178	119.85	279.48	2
11410	C12H24O	6-methylundecanal	---	7.40571	1979.5398	189.178	119.85	279.48	2
11411	C12H24O	7-methylundecanal	---	7.40571	1979.5398	189.178	119.85	279.48	2
11412	C12H24O	8-methylundecanal	---	7.40571	1979.5398	189.178	119.85	279.48	2
11413	C12H24O	9-methylundecanal	---	7.40571	1979.5398	189.178	119.85	279.48	2
11414	C12H24O	10-methylundecanal	---	7.40571	1979.5398	189.178	119.85	279.48	2
11415	C12H24O	2,2-dimethyldecanal	---	7.22863	1908.2348	190.595	115.77	280.95	2
11416	C12H24O	2,3-dimethyldecanal	---	7.22863	1908.2348	190.595	115.77	280.95	2
11417	C12H24O	2,4-dimethyldecanal	---	7.22863	1908.2348	190.595	115.77	280.95	2
11418	C12H24O	2,5-dimethyldecanal	---	7.22863	1908.2348	190.595	115.77	280.95	2
11419	C12H24O	2,6-dimethyldecanal	---	7.22863	1908.2348	190.595	115.77	280.95	2
11420	C12H24O	2,7-dimethyldecanal	---	7.22863	1908.2348	190.595	115.77	280.95	2
11421	C12H24O	2,8-dimethyldecanal	---	7.22863	1908.2348	190.595	115.77	280.95	2
11422	C12H24O	2,9-dimethyldecanal	---	7.22863	1908.2348	190.595	115.77	280.95	2
11423	C12H24O	2-dodecanone	6175-49-1	7.46423	1989.1201	187.482	120.23	277.01	1,2
11424	C12H24O	3-dodecanone	1534-27-6	7.50335	1994.9045	188.260	118.49	273.36	2
11425	C12H24O	4-dodecanone	6137-26-4	7.50335	1994.9045	188.260	118.49	273.36	2
11426	C12H24O	5-dodecanone	19780-10-0	7.50335	1994.9045	188.260	118.49	273.36	2
11427	C12H24O	6-dodecanone	6064-27-3	7.50335	1994.9045	188.260	118.49	273.36	2
11428	C12H24O	3-methyl-2-undecanone	---	7.48467	1987.4795	188.399	118.09	273.50	2
11429	C12H24O	4-methyl-2-undecanone	---	7.48467	1987.4795	188.399	118.09	273.50	2
11430	C12H24O	5-methyl-2-undecanone	---	7.48467	1987.4795	188.399	118.09	273.50	2
11431	C12H24O	6-methyl-2-undecanone	---	7.48467	1987.4795	188.399	118.09	273.50	2
11432	C12H24O	7-methyl-2-undecanone	---	7.48467	1987.4795	188.399	118.09	273.50	2
11433	C12H24O	8-methyl-2-undecanone	---	7.48467	1987.4795	188.399	118.09	273.50	2
11434	C12H24O	9-methyl-2-undecanone	---	7.48467	1987.4795	188.399	118.09	273.50	2
11435	C12H24O	10-methyl-2-undecanone	---	7.48467	1987.4795	188.399	118.09	273.50	2
11436	C12H24O	2-methyl-3-undecanone	6315-95-3	7.48467	1987.4795	188.399	118.09	273.50	2
11437	C12H24O	4-methyl-3-undecanone	---	7.48467	1987.4795	188.399	118.09	273.50	2
11438	C12H24O	5-methyl-3-undecanone	---	7.48467	1987.4795	188.399	118.09	273.50	2
11439	C12H24O	6-methyl-3-undecanone	---	7.48467	1987.4795	188.399	118.09	273.50	2
11440	C12H24O	7-methyl-3-undecanone	---	7.48467	1987.4795	188.399	118.09	273.50	2

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mmHg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
11441	C12H24O	8-methyl-3-undecanone	---	7.48467	1987.4795	188.399	118.09	273.50	2
11442	C12H24O	9-methyl-3-undecanone	---	7.48467	1987.4795	188.399	118.09	273.50	2
11443	C12H24O	10-methyl-3-undecanone	---	7.48467	1987.4795	188.399	118.09	273.50	2
11444	C12H24O	2-methyl-4-undecanone	---	7.48467	1987.4795	188.399	118.09	273.50	2
11445	C12H24O	3-methyl-4-undecanone	---	7.48467	1987.4795	188.399	118.09	273.50	2
11446	C12H24O	5-methyl-4-undecanone	---	7.48467	1987.4795	188.399	118.09	273.50	2
11447	C12H24O	6-methyl-4-undecanone	---	7.48467	1987.4795	188.399	118.09	273.50	2
11448	C12H24O	7-methyl-4-undecanone	---	7.48467	1987.4795	188.399	118.09	273.50	2
11449	C12H24O	8-methyl-4-undecanone	---	7.48467	1987.4795	188.399	118.09	273.50	2
11450	C12H24O	9-methyl-4-undecanone	---	7.48467	1987.4795	188.399	118.09	273.50	2
11451	C12H24O	10-methyl-4-undecanone	---	7.48467	1987.4795	188.399	118.09	273.50	2
11452	C12H24O	2-methyl-5-undecanone	50639-02-6	7.20111	1874.6766	190.623	111.69	275.80	2
11453	C12H24O	3-methyl-5-undecanone	---	7.20111	1874.6766	190.623	111.69	275.80	2
11454	C12H24O	4-methyl-5-undecanone	---	7.20111	1874.6766	190.623	111.69	275.80	2
11455	C12H24O	6-methyl-5-undecanone	---	7.20111	1874.6766	190.623	111.69	275.80	2
11456	C12H24O	7-methyl-5-undecanone	---	7.20111	1874.6766	190.623	111.69	275.80	2
11457	C12H24O	8-methyl-5-undecanone	---	7.20111	1874.6766	190.623	111.69	275.80	2
11458	C12H24O	9-methyl-5-undecanone	---	7.20111	1874.6766	190.623	111.69	275.80	2
11459	C12H24O	10-methyl-5-undecanone	---	7.20111	1874.6766	190.623	111.69	275.80	2
11460	C12H24O	isobutyl heptyl ketone	---	6.67739	1665.5239	195.391	97.97	281.08	2
11461	C12H24O	trimethyl nonanone	1331-50-6	6.57027	1621.8625	196.294	94.87	282.35	2
11462	C12H24O	decyl vinyl ether	765-05-9	7.13279	1804.1816	196.016	98.17	260.63	2
11463	C12H24O	2-dodecen-1-ol	69064-37-5	7.17124	1998.0263	182.394	141.37	318.44	2
11464	C12H24O	cis-2-dodecen-1-ol	22104-81-0	7.17124	1998.0263	182.394	141.37	318.44	2
11465	C12H24O	trans-2-dodecen-1-ol	69064-37-6	7.17124	1998.0263	182.394	141.37	318.44	2
11466	C12H24O	3-dodecen-1-ol	---	7.17124	1998.0263	182.394	141.37	318.44	2
11467	C12H24O	trans-3-dodecen-1-ol	68900-87-8	7.17124	1998.0263	182.394	141.37	318.44	2
11468	C12H24O	4-dodecen-1-ol	---	7.17124	1998.0263	182.394	141.37	318.44	2
11469	C12H24O	4-dodecen-1-ol	62936-12-3	7.17124	1998.0263	182.394	141.37	318.44	2
11470	C12H24O	5-dodecen-1-ol	---	7.17124	1998.0263	182.394	141.37	318.44	2
11471	C12H24O	cis-5-dodecen-1-ol	40642-38-4	7.17124	1998.0263	182.394	141.37	318.44	2
11472	C12H24O	6-dodecen-1-ol	---	7.17124	1998.0263	182.394	141.37	318.44	2
11473	C12H24O	7-dodecen-1-ol	---	7.17124	1998.0263	182.394	141.37	318.44	2
11474	C12H24O	trans-7-dodecen-1-ol	20056-92-2	7.17124	1998.0263	182.394	141.37	318.44	2
11475	C12H24O	8-dodecen-1-ol	---	7.17124	1998.0263	182.394	141.37	318.44	2
11476	C12H24O	9-dodecen-1-ol	---	7.17124	1998.0263	182.394	141.37	318.44	2
11477	C12H24O	10-dodecen-1-ol	---	7.17124	1998.0263	182.394	141.37	318.44	2
11478	C12H24O	11-dodecen-1-ol	35289-31-7	7.17124	1998.0263	182.394	141.37	318.44	2
11479	C12H24O	1-methyl-2-undecen-1-ol	---	6.87683	1872.0292	185.174	133.37	321.47	2
11480	C12H24O	2-methyl-2-undecen-1-ol	---	6.87683	1872.0292	185.174	133.37	321.47	2
11481	C12H24O	3-methyl-2-undecen-1-ol	---	6.87683	1872.0292	185.174	133.37	321.47	2
11482	C12H24O	4-methyl-2-undecen-1-ol	---	6.87683	1872.0292	185.174	133.37	321.47	2
11483	C12H24O	5-methyl-2-undecen-1-ol	---	6.87683	1872.0292	185.174	133.37	321.47	2
11484	C12H24O	6-methyl-2-undecen-1-ol	---	6.87683	1872.0292	185.174	133.37	321.47	2
11485	C12H24O	7-methyl-2-undecen-1-ol	---	6.87683	1872.0292	185.174	133.37	321.47	2
11486	C12H24O	8-methyl-2-undecen-1-ol	---	6.87683	1872.0292	185.174	133.37	321.47	2
11487	C12H24O	9-methyl-2-undecen-1-ol	---	6.87683	1872.0292	185.174	133.37	321.47	2
11488	C12H24O	10-methyl-2-undecen-1-ol	---	6.87683	1872.0292	185.174	133.37	321.47	2
11489	C12H24O	1-methyl-3-undecen-1-ol	---	6.87683	1872.0292	185.174	133.37	321.47	2
11490	C12H24O	2-methyl-3-undecen-1-ol	---	6.87683	1872.0292	185.174	133.37	321.47	2
11491	C12H24O	3-methyl-3-undecen-1-ol	---	6.87683	1872.0292	185.174	133.37	321.47	2
11492	C12H24O	4-methyl-3-undecen-1-ol	---	6.87683	1872.0292	185.174	133.37	321.47	2
11493	C12H24O	5-methyl-3-undecen-1-ol	---	6.87683	1872.0292	185.174	133.37	321.47	2
11494	C12H24O	6-methyl-3-undecen-1-ol	---	6.87683	1872.0292	185.174	133.37	321.47	2
11495	C12H24O	7-methyl-3-undecen-1-ol	---	6.87683	1872.0292	185.174	133.37	321.47	2
11496	C12H24O	8-methyl-3-undecen-1-ol	---	6.87683	1872.0292	185.174	133.37	321.47	2
11497	C12H24O	9-methyl-3-undecen-1-ol	---	6.87683	1872.0292	185.174	133.37	321.47	2
11498	C12H24O	10-methyl-3-undecen-1-ol	---	6.87683	1872.0292	185.174	133.37	321.47	2
11499	C12H24O	1-methyl-4-undecen-1-ol	---	6.87683	1872.0292	185.174	133.37	321.47	2
11500	C12H24O	2-methyl-4-undecen-1-ol	---	6.87683	1872.0292	185.174	133.37	321.47	2
11501	C12H24O	3-methyl-4-undecen-1-ol	---	6.87683	1872.0292	185.174	133.37	321.47	2
11502	C12H24O	4-methyl-4-undecen-1-ol	---	6.87683	1872.0292	185.174	133.37	321.47	2
11503	C12H24O	5-methyl-4-undecen-1-ol	---	6.87683	1872.0292	185.174	133.37	321.47	2
11504	C12H24O	6-methyl-4-undecen-1-ol	---	6.87683	1872.0292	185.174	133.37	321.47	2
11505	C12H24O	7-methyl-4-undecen-1-ol	---	6.87683	1872.0292	185.174	133.37	321.47	2
11506	C12H24O	8-methyl-4-undecen-1-ol	---	6.87683	1872.0292	185.174	133.37	321.47	2
11507	C12H24O	9-methyl-4-undecen-1-ol	---	6.87683	1872.0292	185.174	133.37	321.47	2
11508	C12H24O	10-methyl-4-undecen-1-ol	---	6.87683	1872.0292	185.174	133.37	321.47	2
11509	C12H24O	1-methyl-5-undecen-1-ol	---	6.87683	1872.0292	185.174	133.37	321.47	2
11510	C12H24O	2-methyl-5-undecen-1-ol	---	6.87683	1872.0292	185.174	133.37	321.47	2
11511	C12H24O	3-methyl-5-undecen-1-ol	---	6.87683	1872.0292	185.174	133.37	321.47	2
11512	C12H24O	4-methyl-5-undecen-1-ol	---	6.87683	1872.0292	185.174	133.37	321.47	2
11513	C12H24O	5-methyl-5-undecen-1-ol	---	6.87683	1872.0292	185.174	133.37	321.47	2
11514	C12H24O	6-methyl-5-undecen-1-ol	---	6.87683	1872.0292	185.174	133.37	321.47	2
11515	C12H24O	7-methyl-5-undecen-1-ol	---	6.87683	1872.0292	185.174	133.37	321.47	2
11516	C12H24O	8-methyl-5-undecen-1-ol	---	6.87683	1872.0292	185.174	133.37	321.47	2
11517	C12H24O	9-methyl-5-undecen-1-ol	---	6.87683	1872.0292	185.174	133.37	321.47	2
11518	C12H24O	10-methyl-5-undecen-1-ol	---	6.87683	1872.0292	185.174	133.37	321.47	2
11519	C12H24O	1-methyl-6-undecen-1-ol	---	6.87683	1872.0292	185.174	133.37	321.47	2
11520	C12H24O	2-methyl-6-undecen-1-ol	---	6.87683	1872.0292	185.174	133.37	321.47	2

Table 1 Vapor Pressure – Organic Compounds

log ₁₀ P = A - B/(T + C) (P - mmHg, T - C)									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
11521	C12H24O	3-methyl-6-undecen-1-ol	---	6.87683	1872.0292	185.174	133.37	321.47	2
11522	C12H24O	4-methyl-6-undecen-1-ol	---	6.87683	1872.0292	185.174	133.37	321.47	2
11523	C12H24O	5-methyl-6-undecen-1-ol	---	6.87683	1872.0292	185.174	133.37	321.47	2
11524	C12H24O	6-methyl-6-undecen-1-ol	---	6.87683	1872.0292	185.174	133.37	321.47	2
11525	C12H24O	7-methyl-6-undecen-1-ol	---	6.87683	1872.0292	185.174	133.37	321.47	2
11526	C12H24O	8-methyl-6-undecen-1-ol	---	6.87683	1872.0292	185.174	133.37	321.47	2
11527	C12H24O	9-methyl-6-undecen-1-ol	---	6.87683	1872.0292	185.174	133.37	321.47	2
11528	C12H24O	10-methyl-6-undecen-1-ol	---	6.87683	1872.0292	185.174	133.37	321.47	2
11529	C12H24O	1-methyl-7-undecen-1-ol	---	6.87683	1872.0292	185.174	133.37	321.47	2
11530	C12H24O	2-methyl-7-undecen-1-ol	---	6.87683	1872.0292	185.174	133.37	321.47	2
11531	C12H24O	3-methyl-7-undecen-1-ol	---	6.87683	1872.0292	185.174	133.37	321.47	2
11532	C12H24O	4-methyl-7-undecen-1-ol	---	6.87683	1872.0292	185.174	133.37	321.47	2
11533	C12H24O	5-methyl-7-undecen-1-ol	---	6.87683	1872.0292	185.174	133.37	321.47	2
11534	C12H24O	6-methyl-7-undecen-1-ol	---	6.87683	1872.0292	185.174	133.37	321.47	2
11535	C12H24O	7-methyl-7-undecen-1-ol	---	6.87683	1872.0292	185.174	133.37	321.47	2
11536	C12H24O	8-methyl-7-undecen-1-ol	---	6.87683	1872.0292	185.174	133.37	321.47	2
11537	C12H24O	9-methyl-7-undecen-1-ol	---	6.87683	1872.0292	185.174	133.37	321.47	2
11538	C12H24O	10-methyl-7-undecen-1-ol	---	6.87683	1872.0292	185.174	133.37	321.47	2
11539	C12H24O	1-methyl-8-undecen-1-ol	---	6.87683	1872.0292	185.174	133.37	321.47	2
11540	C12H24O	2-methyl-8-undecen-1-ol	---	6.87683	1872.0292	185.174	133.37	321.47	2
11541	C12H24O	3-methyl-8-undecen-1-ol	---	6.87683	1872.0292	185.174	133.37	321.47	2
11542	C12H24O	4-methyl-8-undecen-1-ol	---	6.87683	1872.0292	185.174	133.37	321.47	2
11543	C12H24O	5-methyl-8-undecen-1-ol	---	6.87683	1872.0292	185.174	133.37	321.47	2
11544	C12H24O	6-methyl-8-undecen-1-ol	---	6.87683	1872.0292	185.174	133.37	321.47	2
11545	C12H24O	7-methyl-8-undecen-1-ol	---	6.87683	1872.0292	185.174	133.37	321.47	2
11546	C12H24O	8-methyl-8-undecen-1-ol	---	6.87683	1872.0292	185.174	133.37	321.47	2
11547	C12H24O	9-methyl-8-undecen-1-ol	---	6.87683	1872.0292	185.174	133.37	321.47	2
11548	C12H24O	10-methyl-8-undecen-1-ol	---	6.87683	1872.0292	185.174	133.37	321.47	2
11549	C12H24O	1-methyl-9-undecen-1-ol	---	6.87683	1872.0292	185.174	133.37	321.47	2
11550	C12H24O	2-methyl-9-undecen-1-ol	---	6.87683	1872.0292	185.174	133.37	321.47	2
11551	C12H24O	3-methyl-9-undecen-1-ol	---	6.87683	1872.0292	185.174	133.37	321.47	2
11552	C12H24O	4-methyl-9-undecen-1-ol	---	6.87683	1872.0292	185.174	133.37	321.47	2
11553	C12H24O	5-methyl-9-undecen-1-ol	---	6.87683	1872.0292	185.174	133.37	321.47	2
11554	C12H24O	6-methyl-9-undecen-1-ol	---	6.87683	1872.0292	185.174	133.37	321.47	2
11555	C12H24O	7-methyl-9-undecen-1-ol	---	6.87683	1872.0292	185.174	133.37	321.47	2
11556	C12H24O	8-methyl-9-undecen-1-ol	---	6.87683	1872.0292	185.174	133.37	321.47	2
11557	C12H24O	9-methyl-9-undecen-1-ol	---	6.87683	1872.0292	185.174	133.37	321.47	2
11558	C12H24O	10-methyl-9-undecen-1-ol	---	6.87683	1872.0292	185.174	133.37	321.47	2
11559	C12H24O	1-methyl-10-undecen-1-ol	---	6.87683	1872.0292	185.174	133.37	321.47	2
11560	C12H24O	2-methyl-10-undecen-1-ol	---	6.87683	1872.0292	185.174	133.37	321.47	2
11561	C12H24O	3-methyl-10-undecen-1-ol	---	6.87683	1872.0292	185.174	133.37	321.47	2
11562	C12H24O	4-methyl-10-undecen-1-ol	---	6.87683	1872.0292	185.174	133.37	321.47	2
11563	C12H24O	5-methyl-10-undecen-1-ol	---	6.87683	1872.0292	185.174	133.37	321.47	2
11564	C12H24O	6-methyl-10-undecen-1-ol	---	6.87683	1872.0292	185.174	133.37	321.47	2
11565	C12H24O	7-methyl-10-undecen-1-ol	---	6.87683	1872.0292	185.174	133.37	321.47	2
11566	C12H24O	8-methyl-10-undecen-1-ol	---	6.87683	1872.0292	185.174	133.37	321.47	2
11567	C12H24O	9-methyl-10-undecen-1-ol	---	6.87683	1872.0292	185.174	133.37	321.47	2
11568	C12H24O	10-methyl-10-undecen-1-ol	---	6.87683	1872.0292	185.174	133.37	321.47	2
11569	C12H24O2	dodecanoic acid	143-07-7	7.74121	2288.3705	172.970	166.49	328.94	1,2
11570	C12H24O2	2-methylundecanoic acid	24323-25-9	7.61623	2218.6617	175.166	160.17	325.16	2
11571	C12H24O2	3-methylundecanoic acid	65781-38-6	7.61623	2218.6617	175.166	160.17	325.16	2
11572	C12H24O2	4-methylundecanoic acid	---	7.61623	2218.6617	175.166	160.17	325.16	2
11573	C12H24O2	5-methylundecanoic acid	---	7.61623	2218.6617	175.166	160.17	325.16	2
11574	C12H24O2	6-methylundecanoic acid	---	7.61623	2218.6617	175.166	160.17	325.16	2
11575	C12H24O2	7-methylundecanoic acid	---	7.61623	2218.6617	175.166	160.17	325.16	2
11576	C12H24O2	8-methylundecanoic acid	---	7.61623	2218.6617	175.166	160.17	325.16	2
11577	C12H24O2	9-methylundecanoic acid	---	7.61623	2218.6617	175.166	160.17	325.16	2
11578	C12H24O2	10-methylundecanoic acid	2724-56-3	7.61623	2218.6617	175.166	160.17	325.16	2
11579	C12H24O2	2,2-dimethyldecanoic acid	5343-54-4	7.34285	2100.4995	177.390	153.77	327.42	2
11580	C12H24O2	2,3-dimethyldecanoic acid	---	7.34285	2100.4995	177.390	153.77	327.42	2
11581	C12H24O2	2,4-dimethyldecanoic acid	---	7.34285	2100.4995	177.390	153.77	327.42	2
11582	C12H24O2	2,5-dimethyldecanoic acid	---	7.34285	2100.4995	177.390	153.77	327.42	2
11583	C12H24O2	2,6-dimethyldecanoic acid	---	7.34285	2100.4995	177.390	153.77	327.42	2
11584	C12H24O2	2,7-dimethyldecanoic acid	---	7.34285	2100.4995	177.390	153.77	327.42	2
11585	C12H24O2	2,8-dimethyldecanoic acid	---	7.34285	2100.4995	177.390	153.77	327.42	2
11586	C12H24O2	2,9-dimethyldecanoic acid	---	7.34285	2100.4995	177.390	153.77	327.42	2
11587	C12H24O2	2-ethyldecanoic acid	2874-76-2	7.47633	2158.2265	176.278	156.97	326.28	2
11588	C12H24O2	3-ethyldecanoic acid	---	7.47633	2158.2265	176.278	156.97	326.28	2
11589	C12H24O2	4-ethyldecanoic acid	---	7.47633	2158.2265	176.278	156.97	326.28	2
11590	C12H24O2	5-ethyldecanoic acid	---	7.47633	2158.2265	176.278	156.97	326.28	2
11591	C12H24O2	6-ethyldecanoic acid	---	7.47633	2158.2265	176.278	156.97	326.28	2
11592	C12H24O2	7-ethyldecanoic acid	---	7.47633	2158.2265	176.278	156.97	326.28	2
11593	C12H24O2	8-ethyldecanoic acid	---	7.47633	2158.2265	176.278	156.97	326.28	2
11594	C12H24O2	2-butyloctanoic acid	27610-92-0	6.01736	1522.7391	192.124	61.97	344.90	2
11595	C12H24O2	undecyl formate	5454-24-0	8.85378	2511.3573	182.394	137.37	260.37	2
11596	C12H24O2	1-methyldecyl formate	---	8.32381	2303.6640	185.174	129.37	262.84	2
11597	C12H24O2	2-methyldecyl formate	---	8.32381	2303.6640	185.174	129.37	262.84	2
11598	C12H24O2	3-methyldecyl formate	---	8.32381	2303.6640	185.174	129.37	262.84	2
11599	C12H24O2	4-methyldecyl formate	---	8.32381	2303.6640	185.174	129.37	262.84	2
11600	C12H24O2	5-methyldecyl formate	---	8.32381	2303.6640	185.174	129.37	262.84	2

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mmHg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
11601	C12H24O2	6-methyldecyl formate	---	8.32381	2303.6640	185.174	129.37	262.84	2
11602	C12H24O2	7-methyldecyl formate	---	8.32381	2303.6640	185.174	129.37	262.84	2
11603	C12H24O2	8-methyldecyl formate	---	8.32381	2303.6640	185.174	129.37	262.84	2
11604	C12H24O2	9-methyldecyl formate	---	8.32381	2303.6640	185.174	129.37	262.84	2
11605	C12H24O2	1,1-dimethylnonyl formate	---	7.86652	2123.9808	187.954	121.37	265.43	2
11606	C12H24O2	1,2-dimethylnonyl formate	---	7.86652	2123.9808	187.954	121.37	265.43	2
11607	C12H24O2	1,3-dimethylnonyl formate	---	7.86652	2123.9808	187.954	121.37	265.43	2
11608	C12H24O2	1,4-dimethylnonyl formate	---	7.86652	2123.9808	187.954	121.37	265.43	2
11609	C12H24O2	1,5-dimethylnonyl formate	---	7.86652	2123.9808	187.954	121.37	265.43	2
11610	C12H24O2	1,6-dimethylnonyl formate	---	7.86652	2123.9808	187.954	121.37	265.43	2
11611	C12H24O2	1,7-dimethylnonyl formate	---	7.86652	2123.9808	187.954	121.37	265.43	2
11612	C12H24O2	1,8-dimethylnonyl formate	---	7.86652	2123.9808	187.954	121.37	265.43	2
11613	C12H24O2	1-ethylnonyl formate	---	8.04170	2192.8720	186.842	124.57	264.38	2
11614	C12H24O2	2-ethylnonyl formate	---	8.04170	2192.8720	186.842	124.57	264.38	2
11615	C12H24O2	3-ethylnonyl formate	---	8.04170	2192.8720	186.842	124.57	264.38	2
11616	C12H24O2	4-ethylnonyl formate	---	8.04170	2192.8720	186.842	124.57	264.38	2
11617	C12H24O2	5-ethylnonyl formate	---	8.04170	2192.8720	186.842	124.57	264.38	2
11618	C12H24O2	6-ethylnonyl formate	---	8.04170	2192.8720	186.842	124.57	264.38	2
11619	C12H24O2	7-ethylnonyl formate	---	8.04170	2192.8720	186.842	124.57	264.38	2
11620	C12H24O2	8-ethylnonyl formate	---	8.04170	2192.8720	186.842	124.57	264.38	2
11621	C12H24O2	decyl acetate	112-17-4	8.21576	2259.4167	185.452	127.67	263.39	2
11622	C12H24O2	1-methylnonyl acetate	---	7.82421	2107.3328	188.232	120.57	265.70	2
11623	C12H24O2	2-methylnonyl acetate	---	7.82421	2107.3328	188.232	120.57	265.70	2
11624	C12H24O2	3-methylnonyl acetate	---	7.82421	2107.3328	188.232	120.57	265.70	2
11625	C12H24O2	4-methylnonyl acetate	---	7.82421	2107.3328	188.232	120.57	265.70	2
11626	C12H24O2	5-methylnonyl acetate	---	7.82421	2107.3328	188.232	120.57	265.70	2
11627	C12H24O2	6-methylnonyl acetate	---	7.82421	2107.3328	188.232	120.57	265.70	2
11628	C12H24O2	7-methylnonyl acetate	---	7.82421	2107.3328	188.232	120.57	265.70	2
11629	C12H24O2	8-methylnonyl acetate	---	7.82421	2107.3328	188.232	120.57	265.70	2
11630	C12H24O2	1,1-dimethyloctyl acetate	---	7.43083	1952.2876	191.012	112.57	268.46	2
11631	C12H24O2	1,2-dimethyloctyl acetate	---	7.43083	1952.2876	191.012	112.57	268.46	2
11632	C12H24O2	1,3-dimethyloctyl acetate	---	7.43083	1952.2876	191.012	112.57	268.46	2
11633	C12H24O2	1,4-dimethyloctyl acetate	---	7.43083	1952.2876	191.012	112.57	268.46	2
11634	C12H24O2	1,5-dimethyloctyl acetate	---	7.43083	1952.2876	191.012	112.57	268.46	2
11635	C12H24O2	1,6-dimethyloctyl acetate	---	7.43083	1952.2876	191.012	112.57	268.46	2
11636	C12H24O2	1,7-dimethyloctyl acetate	---	7.43083	1952.2876	191.012	112.57	268.46	2
11637	C12H24O2	3,7-dimethyloctyl acetate	20780-49-8	7.43083	1952.2876	191.012	112.57	268.46	2
11638	C12H24O2	1-ethyloctyl acetate	---	7.58201	2011.9250	189.900	115.77	267.34	2
11639	C12H24O2	2-ethyloctyl acetate	---	7.58201	2011.9250	189.900	115.77	267.34	2
11640	C12H24O2	3-ethyloctyl acetate	---	7.58201	2011.9250	189.900	115.77	267.34	2
11641	C12H24O2	4-ethyloctyl acetate	---	7.58201	2011.9250	189.900	115.77	267.34	2
11642	C12H24O2	5-ethyloctyl acetate	---	7.58201	2011.9250	189.900	115.77	267.34	2
11643	C12H24O2	6-ethyloctyl acetate	---	7.58201	2011.9250	189.900	115.77	267.34	2
11644	C12H24O2	7-ethyloctyl acetate	---	7.58201	2011.9250	189.900	115.77	267.34	2
11645	C12H24O2	nonyl propanoate	53184-67-1	7.85532	2115.7513	187.259	121.37	265.46	2
11646	C12H24O2	1-methyloctyl propanoate	---	7.45742	1959.2406	190.039	113.37	268.20	2
11647	C12H24O2	2-methyloctyl propanoate	---	7.45742	1959.2406	190.039	113.37	268.20	2
11648	C12H24O2	3-methyloctyl propanoate	---	7.45742	1959.2406	190.039	113.37	268.20	2
11649	C12H24O2	4-methyloctyl propanoate	---	7.45742	1959.2406	190.039	113.37	268.20	2
11650	C12H24O2	5-methyloctyl propanoate	---	7.45742	1959.2406	190.039	113.37	268.20	2
11651	C12H24O2	6-methyloctyl propanoate	---	7.45742	1959.2406	190.039	113.37	268.20	2
11652	C12H24O2	7-methyloctyl propanoate	65155-45-5	7.45742	1959.2406	190.039	113.37	268.20	2
11653	C12H24O2	1,1-dimethylheptyl propanoate	---	7.10750	1821.1909	192.819	105.37	271.10	2
11654	C12H24O2	1,2-dimethylheptyl propanoate	---	7.10750	1821.1909	192.819	105.37	271.10	2
11655	C12H24O2	1,3-dimethylheptyl propanoate	---	7.10750	1821.1909	192.819	105.37	271.10	2
11656	C12H24O2	1,4-dimethylheptyl propanoate	---	7.10750	1821.1909	192.819	105.37	271.10	2
11657	C12H24O2	1,5-dimethylheptyl propanoate	---	7.10750	1821.1909	192.819	105.37	271.10	2
11658	C12H24O2	1,6-dimethylheptyl propanoate	---	7.10750	1821.1909	192.819	105.37	271.10	2
11659	C12H24O2	1-ethylheptyl propanoate	---	7.24228	1874.4144	191.707	108.57	269.92	2
11660	C12H24O2	2-ethylheptyl propanoate	---	7.24228	1874.4144	191.707	108.57	269.92	2
11661	C12H24O2	3-ethylheptyl propanoate	---	7.24228	1874.4144	191.707	108.57	269.92	2
11662	C12H24O2	4-ethylheptyl propanoate	---	7.24228	1874.4144	191.707	108.57	269.92	2
11663	C12H24O2	5-ethylheptyl propanoate	---	7.24228	1874.4144	191.707	108.57	269.92	2
11664	C12H24O2	6-ethylheptyl propanoate	---	7.24228	1874.4144	191.707	108.57	269.92	2
11665	C12H24O2	octyl butanoate	110-39-4	7.87003	2100.8717	188.232	117.57	259.89	1,2
11666	C12H24O2	1-methylheptyl butanoate	---	7.32995	1909.0012	191.012	110.57	269.20	2
11667	C12H24O2	2-methylheptyl butanoate	---	7.32995	1909.0012	191.012	110.57	269.20	2
11668	C12H24O2	3-methylheptyl butanoate	---	7.32995	1909.0012	191.012	110.57	269.20	2
11669	C12H24O2	4-methylheptyl butanoate	---	7.32995	1909.0012	191.012	110.57	269.20	2
11670	C12H24O2	5-methylheptyl butanoate	---	7.32995	1909.0012	191.012	110.57	269.20	2
11671	C12H24O2	6-methylheptyl butanoate	---	7.32995	1909.0012	191.012	110.57	269.20	2
11672	C12H24O2	1,1-dimethylhexyl butanoate	---	6.99479	1776.6297	193.792	102.57	272.15	2
11673	C12H24O2	1,2-dimethylhexyl butanoate	---	6.99479	1776.6297	193.792	102.57	272.15	2
11674	C12H24O2	1,3-dimethylhexyl butanoate	---	6.99479	1776.6297	193.792	102.57	272.15	2
11675	C12H24O2	1,4-dimethylhexyl butanoate	---	6.99479	1776.6297	193.792	102.57	272.15	2
11676	C12H24O2	1,5-dimethylhexyl butanoate	---	6.99479	1776.6297	193.792	102.57	272.15	2
11677	C12H24O2	1-ethylhexyl butanoate	20286-45-7	7.12399	1827.7066	192.680	105.77	270.95	2
11678	C12H24O2	2-ethylhexyl butanoate	25415-84-3	7.12399	1827.7066	192.680	105.77	270.95	2
11679	C12H24O2	3-ethylhexyl butanoate	---	7.12399	1827.7066	192.680	105.77	270.95	2
11680	C12H24O2	4-ethylhexyl butanoate	---	7.12399	1827.7066	192.680	105.77	270.95	2

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mmHg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
11681	C12H24O2	5-ethylhexyl butanoate	---	7.12399	1827.7066	192.680	105.77	270.95	2
11682	C12H24O2	octyl isobutanoate	109-15-9	7.32995	1909.0012	191.012	110.57	269.20	2
11683	C12H24O2	1-methylheptyl isobutanoate	---	6.99479	1776.6297	193.792	102.57	272.15	2
11684	C12H24O2	2-methylheptyl isobutanoate	---	6.99479	1776.6297	193.792	102.57	272.15	2
11685	C12H24O2	3-methylheptyl isobutanoate	---	6.99479	1776.6297	193.792	102.57	272.15	2
11686	C12H24O2	4-methylheptyl isobutanoate	---	6.99479	1776.6297	193.792	102.57	272.15	2
11687	C12H24O2	5-methylheptyl isobutanoate	---	6.99479	1776.6297	193.792	102.57	272.15	2
11688	C12H24O2	6-methylheptyl isobutanoate	---	6.99479	1776.6297	193.792	102.57	272.15	2
11689	C12H24O2	1,1-dimethylhexyl isobutanoate	---	6.69700	1658.6380	196.572	94.57	275.28	2
11690	C12H24O2	1,2-dimethylhexyl isobutanoate	---	6.69700	1658.6380	196.572	94.57	275.28	2
11691	C12H24O2	1,3-dimethylhexyl isobutanoate	---	6.69700	1658.6380	196.572	94.57	275.28	2
11692	C12H24O2	1,4-dimethylhexyl isobutanoate	---	6.69700	1658.6380	196.572	94.57	275.28	2
11693	C12H24O2	1,5-dimethylhexyl isobutanoate	---	6.69700	1658.6380	196.572	94.57	275.28	2
11694	C12H24O2	1-ethylhexyl isobutanoate	---	6.81204	1704.2666	195.460	97.77	274.01	2
11695	C12H24O2	2-ethylhexyl isobutanoate	35061-61-1	6.81204	1704.2666	195.460	97.77	274.01	2
11696	C12H24O2	3-ethylhexyl isobutanoate	---	6.81204	1704.2666	195.460	97.77	274.01	2
11697	C12H24O2	4-ethylhexyl isobutanoate	---	6.81204	1704.2666	195.460	97.77	274.01	2
11698	C12H24O2	5-ethylhexyl isobutanoate	---	6.81204	1704.2666	195.460	97.77	274.01	2
11699	C12H24O2	heptyl pentanoate	5451-80-9	7.42175	1967.8076	187.899	118.53	276.22	1,2
11700	C12H24O2	1-methylhexyl pentanoate	7155-20-6	7.37302	1925.9816	190.679	111.53	268.85	2
11701	C12H24O2	2-methylhexyl pentanoate	---	7.37302	1925.9816	190.679	111.53	268.85	2
11702	C12H24O2	3-methylhexyl pentanoate	---	7.37302	1925.9816	190.679	111.53	268.85	2
11703	C12H24O2	4-methylhexyl pentanoate	---	7.37302	1925.9816	190.679	111.53	268.85	2
11704	C12H24O2	5-methylhexyl pentanoate	---	7.37302	1925.9816	190.679	111.53	268.85	2
11705	C12H24O2	1,1-dimethylpentyl pentanoate	---	7.03290	1791.7045	193.459	103.53	271.79	2
11706	C12H24O2	1,2-dimethylpentyl pentanoate	---	7.03290	1791.7045	193.459	103.53	271.79	2
11707	C12H24O2	1,3-dimethylpentyl pentanoate	---	7.03290	1791.7045	193.459	103.53	271.79	2
11708	C12H24O2	1,4-dimethylpentyl pentanoate	---	7.03290	1791.7045	193.459	103.53	271.79	2
11709	C12H24O2	1-ethylpentyl pentanoate	---	7.16398	1843.5021	192.347	106.73	270.60	2
11710	C12H24O2	2-ethylpentyl pentanoate	---	7.16398	1843.5021	192.347	106.73	270.60	2
11711	C12H24O2	3-ethylpentyl pentanoate	---	7.16398	1843.5021	192.347	106.73	270.60	2
11712	C12H24O2	4-ethylpentyl pentanoate	---	7.16398	1843.5021	192.347	106.73	270.60	2
11713	C12H24O2	heptyl isopentanoate	---	7.37302	1925.9816	190.679	111.53	268.85	2
11714	C12H24O2	1-methylhexyl isopentanoate	---	7.03290	1791.7045	193.459	103.53	271.79	2
11715	C12H24O2	2-methylhexyl isopentanoate	---	7.03290	1791.7045	193.459	103.53	271.79	2
11716	C12H24O2	3-methylhexyl isopentanoate	---	7.03290	1791.7045	193.459	103.53	271.79	2
11717	C12H24O2	4-methylhexyl isopentanoate	---	7.03290	1791.7045	193.459	103.53	271.79	2
11718	C12H24O2	5-methylhexyl isopentanoate	---	7.03290	1791.7045	193.459	103.53	271.79	2
11719	C12H24O2	1,1-dimethylpentyl isopentanoate	---	6.73097	1672.1179	196.239	95.53	274.90	2
11720	C12H24O2	1,2-dimethylpentyl isopentanoate	---	6.73097	1672.1179	196.239	95.53	274.90	2
11721	C12H24O2	1,3-dimethylpentyl isopentanoate	---	6.73097	1672.1179	196.239	95.53	274.90	2
11722	C12H24O2	1,4-dimethylpentyl isopentanoate	---	6.73097	1672.1179	196.239	95.53	274.90	2
11723	C12H24O2	1-ethylpentyl isopentanoate	---	6.84758	1718.3516	195.127	98.73	273.63	2
11724	C12H24O2	2-ethylpentyl isopentanoate	---	6.84758	1718.3516	195.127	98.73	273.63	2
11725	C12H24O2	3-ethylpentyl isopentanoate	---	6.84758	1718.3516	195.127	98.73	273.63	2
11726	C12H24O2	4-ethylpentyl isopentanoate	---	6.84758	1718.3516	195.127	98.73	273.63	2
11727	C12H24O2	heptyl sec-pentanoate	---	7.37302	1925.9816	190.679	111.53	268.85	2
11728	C12H24O2	1-methylhexyl sec-pentanoate	---	7.03290	1791.7045	193.459	103.53	271.79	2
11729	C12H24O2	2-methylhexyl sec-pentanoate	---	7.03290	1791.7045	193.459	103.53	271.79	2
11730	C12H24O2	3-methylhexyl sec-pentanoate	---	7.03290	1791.7045	193.459	103.53	271.79	2
11731	C12H24O2	4-methylhexyl sec-pentanoate	---	7.03290	1791.7045	193.459	103.53	271.79	2
11732	C12H24O2	5-methylhexyl sec-pentanoate	---	7.03290	1791.7045	193.459	103.53	271.79	2
11733	C12H24O2	1,1-dimethylpentyl sec-pentanoate	---	6.73097	1672.1179	196.239	95.53	274.90	2
11734	C12H24O2	1,2-dimethylpentyl sec-pentanoate	---	6.73097	1672.1179	196.239	95.53	274.90	2
11735	C12H24O2	1,3-dimethylpentyl sec-pentanoate	---	6.73097	1672.1179	196.239	95.53	274.90	2
11736	C12H24O2	1,4-dimethylpentyl sec-pentanoate	---	6.73097	1672.1179	196.239	95.53	274.90	2
11737	C12H24O2	1-ethylpentyl sec-pentanoate	---	6.84758	1718.3516	195.127	98.73	273.63	2
11738	C12H24O2	2-ethylpentyl sec-pentanoate	---	6.84758	1718.3516	195.127	98.73	273.63	2
11739	C12H24O2	3-ethylpentyl sec-pentanoate	---	6.84758	1718.3516	195.127	98.73	273.63	2
11740	C12H24O2	4-ethylpentyl sec-pentanoate	---	6.84758	1718.3516	195.127	98.73	273.63	2
11741	C12H24O2	heptyl tert-pentanoate	---	7.03290	1791.7045	193.459	103.53	271.79	2
11742	C12H24O2	1-methylhexyl tert-pentanoate	---	6.73097	1672.1179	196.239	95.53	274.90	2
11743	C12H24O2	2-methylhexyl tert-pentanoate	---	6.73097	1672.1179	196.239	95.53	274.90	2
11744	C12H24O2	3-methylhexyl tert-pentanoate	---	6.73097	1672.1179	196.239	95.53	274.90	2
11745	C12H24O2	4-methylhexyl tert-pentanoate	---	6.73097	1672.1179	196.239	95.53	274.90	2
11746	C12H24O2	5-methylhexyl tert-pentanoate	---	6.73097	1672.1179	196.239	95.53	274.90	2
11747	C12H24O2	1,1-dimethylpentyl tert-pentanoate	---	6.46113	1564.8797	199.019	87.53	278.18	2
11748	C12H24O2	1,2-dimethylpentyl tert-pentanoate	---	6.46113	1564.8797	199.019	87.53	278.18	2
11749	C12H24O2	1,3-dimethylpentyl tert-pentanoate	---	6.46113	1564.8797	199.019	87.53	278.18	2
11750	C12H24O2	1,4-dimethylpentyl tert-pentanoate	---	6.46113	1564.8797	199.019	87.53	278.18	2
11751	C12H24O2	1-ethylpentyl tert-pentanoate	---	6.56555	1606.4219	197.907	90.73	276.85	2
11752	C12H24O2	2-ethylpentyl tert-pentanoate	---	6.56555	1606.4219	197.907	90.73	276.85	2
11753	C12H24O2	3-ethylpentyl tert-pentanoate	---	6.56555	1606.4219	197.907	90.73	276.85	2
11754	C12H24O2	4-ethylpentyl tert-pentanoate	---	6.56555	1606.4219	197.907	90.73	276.85	2
11755	C12H24O2	hexyl hexanoate	6378-65-0	7.45170	1979.6817	187.676	119.17	275.96	1,2
11756	C12H24O2	pentyl heptanoate	7493-82-5	7.42939	1970.8198	187.843	118.69	276.15	1,2
11757	C12H24O2	butyl octanoate	589-75-3	7.27023	1905.9936	189.205	114.77	276.99	1,2
11758	C12H24O2	ethyl decanoate	110-38-3	7.30391	1919.5239	188.927	115.57	276.74	1,2
11759	C12H24O2	ethyl 3-methylnonanoate	86051-37-8	7.24228	1874.4144	191.707	108.57	269.92	2
11760	C12H24O2	methyl undecanoate	1731-86-8	7.61029	2019.4254	188.927	116.57	267.08	2

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C)$ (P - mmHg, T - C)									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
11761	C12H24S	thiacyclotridecane	295-05-6	6.24460	1626.5934	185.420	124.73	345.67	3
11762	C12H25Br	1-bromododecane	143-15-7	7.59087	2145.0246	179.364	146.09	307.14	1,2
11763	C12H25Br	2-bromododecane	13187-99-0	7.48139	2075.5617	182.144	138.09	300.60	2
11764	C12H25Br	3-bromododecane	---	7.48139	2075.5617	182.144	138.09	300.60	2
11765	C12H25Br	4-bromododecane	---	7.48139	2075.5617	182.144	138.09	300.60	2
11766	C12H25Br	5-bromododecane	---	7.48139	2075.5617	182.144	138.09	300.60	2
11767	C12H25Br	6-bromododecane	---	7.48139	2075.5617	182.144	138.09	300.60	2
11768	C12H25Br	1-bromo-2-methylundecane	---	7.48139	2075.5617	182.144	138.09	300.60	2
11769	C12H25Br	1-bromo-3-methylundecane	---	7.48139	2075.5617	182.144	138.09	300.60	2
11770	C12H25Br	1-bromo-4-methylundecane	---	7.48139	2075.5617	182.144	138.09	300.60	2
11771	C12H25Br	1-bromo-5-methylundecane	---	7.48139	2075.5617	182.144	138.09	300.60	2
11772	C12H25Br	1-bromo-6-methylundecane	---	7.48139	2075.5617	182.144	138.09	300.60	2
11773	C12H25Br	1-bromo-7-methylundecane	---	7.48139	2075.5617	182.144	138.09	300.60	2
11774	C12H25Br	1-bromo-8-methylundecane	---	7.48139	2075.5617	182.144	138.09	300.60	2
11775	C12H25Br	1-bromo-9-methylundecane	---	7.48139	2075.5617	182.144	138.09	300.60	2
11776	C12H25Br	1-bromo-10-methylundecane	---	7.48139	2075.5617	182.144	138.09	300.60	2
11777	C12H25Br	2-bromo-2-methylundecane	---	7.14578	1936.0070	184.924	130.09	303.48	2
11778	C12H25Br	2-bromo-3-methylundecane	---	7.14578	1936.0070	184.924	130.09	303.48	2
11779	C12H25Br	2-bromo-4-methylundecane	---	7.14578	1936.0070	184.924	130.09	303.48	2
11780	C12H25Br	2-bromo-5-methylundecane	---	7.14578	1936.0070	184.924	130.09	303.48	2
11781	C12H25Br	2-bromo-6-methylundecane	---	7.14578	1936.0070	184.924	130.09	303.48	2
11782	C12H25Br	2-bromo-7-methylundecane	---	7.14578	1936.0070	184.924	130.09	303.48	2
11783	C12H25Br	2-bromo-8-methylundecane	---	7.14578	1936.0070	184.924	130.09	303.48	2
11784	C12H25Br	2-bromo-9-methylundecane	---	7.14578	1936.0070	184.924	130.09	303.48	2
11785	C12H25Br	2-bromo-10-methylundecane	---	7.14578	1936.0070	184.924	130.09	303.48	2
11786	C12H25Br	3-bromo-2-methylundecane	---	7.14578	1936.0070	184.924	130.09	303.48	2
11787	C12H25Br	3-bromo-3-methylundecane	---	7.14578	1936.0070	184.924	130.09	303.48	2
11788	C12H25Br	3-bromo-4-methylundecane	---	7.14578	1936.0070	184.924	130.09	303.48	2
11789	C12H25Br	3-bromo-5-methylundecane	---	7.14578	1936.0070	184.924	130.09	303.48	2
11790	C12H25Br	3-bromo-6-methylundecane	---	7.14578	1936.0070	184.924	130.09	303.48	2
11791	C12H25Br	3-bromo-7-methylundecane	---	7.14578	1936.0070	184.924	130.09	303.48	2
11792	C12H25Br	3-bromo-8-methylundecane	---	7.14578	1936.0070	184.924	130.09	303.48	2
11793	C12H25Br	3-bromo-9-methylundecane	---	7.14578	1936.0070	184.924	130.09	303.48	2
11794	C12H25Br	3-bromo-10-methylundecane	---	7.14578	1936.0070	184.924	130.09	303.48	2
11795	C12H25Cl	1-chlorododecane	112-52-7	7.75229	2159.4801	182.900	136.91	289.59	2
11796	C12H25Cl	2-chlorododecane	2350-11-0	7.10220	1919.7171	185.680	128.91	304.00	2
11797	C12H25Cl	3-chlorododecane	2350-12-1	7.10220	1919.7171	185.680	128.91	304.00	2
11798	C12H25Cl	4-chlorododecane	2350-13-2	7.10220	1919.7171	185.680	128.91	304.00	2
11799	C12H25Cl	5-chlorododecane	2350-14-3	7.10220	1919.7171	185.680	128.91	304.00	2
11800	C12H25Cl	6-chlorododecane	26535-66-0	7.10220	1919.7171	185.680	128.91	304.00	2
11801	C12H25Cl	1-chloro-2-methylundecane	---	7.05897	1900.0591	185.680	127.91	304.39	2
11802	C12H25Cl	1-chloro-3-methylundecane	---	7.05897	1900.0591	185.680	127.91	304.39	2
11803	C12H25Cl	1-chloro-4-methylundecane	---	7.05897	1900.0591	185.680	127.91	304.39	2
11804	C12H25Cl	1-chloro-5-methylundecane	---	7.05897	1900.0591	185.680	127.91	304.39	2
11805	C12H25Cl	1-chloro-6-methylundecane	---	7.05897	1900.0591	185.680	127.91	304.39	2
11806	C12H25Cl	1-chloro-7-methylundecane	---	7.05897	1900.0591	185.680	127.91	304.39	2
11807	C12H25Cl	1-chloro-8-methylundecane	---	7.05897	1900.0591	185.680	127.91	304.39	2
11808	C12H25Cl	1-chloro-9-methylundecane	---	7.05897	1900.0591	185.680	127.91	304.39	2
11809	C12H25Cl	1-chloro-10-methylundecane	---	7.05897	1900.0591	185.680	127.91	304.39	2
11810	C12H25Cl	2-chloro-2-methylundecane	---	6.76907	1779.0336	188.460	119.91	307.48	2
11811	C12H25Cl	2-chloro-3-methylundecane	---	6.76907	1779.0336	188.460	119.91	307.48	2
11812	C12H25Cl	2-chloro-4-methylundecane	---	6.76907	1779.0336	188.460	119.91	307.48	2
11813	C12H25Cl	2-chloro-5-methylundecane	---	6.76907	1779.0336	188.460	119.91	307.48	2
11814	C12H25Cl	2-chloro-6-methylundecane	---	6.76907	1779.0336	188.460	119.91	307.48	2
11815	C12H25Cl	2-chloro-7-methylundecane	---	6.76907	1779.0336	188.460	119.91	307.48	2
11816	C12H25Cl	2-chloro-8-methylundecane	---	6.76907	1779.0336	188.460	119.91	307.48	2
11817	C12H25Cl	2-chloro-9-methylundecane	---	6.76907	1779.0336	188.460	119.91	307.48	2
11818	C12H25Cl	2-chloro-10-methylundecane	---	6.76907	1779.0336	188.460	119.91	307.48	2
11819	C12H25Cl	3-chloro-2-methylundecane	---	6.76907	1779.0336	188.460	119.91	307.48	2
11820	C12H25Cl	3-chloro-3-methylundecane	---	6.76907	1779.0336	188.460	119.91	307.48	2
11821	C12H25Cl	3-chloro-4-methylundecane	---	6.76907	1779.0336	188.460	119.91	307.48	2
11822	C12H25Cl	3-chloro-5-methylundecane	---	6.76907	1779.0336	188.460	119.91	307.48	2
11823	C12H25Cl	3-chloro-6-methylundecane	---	6.76907	1779.0336	188.460	119.91	307.48	2
11824	C12H25Cl	3-chloro-7-methylundecane	---	6.76907	1779.0336	188.460	119.91	307.48	2
11825	C12H25Cl	3-chloro-8-methylundecane	---	6.76907	1779.0336	188.460	119.91	307.48	2
11826	C12H25Cl	3-chloro-9-methylundecane	---	6.76907	1779.0336	188.460	119.91	307.48	2
11827	C12H25Cl	3-chloro-10-methylundecane	---	6.76907	1779.0336	188.460	119.91	307.48	2
11828	C12H25F	1-fluorododecane	334-68-9	6.71367	1679.1576	193.514	100.37	281.92	2
11829	C12H25F	1-fluorododecane	---	6.49865	1593.0041	195.738	93.97	284.54	2
11830	C12H25F	2-fluorododecane	---	6.49865	1593.0041	195.738	93.97	284.54	2
11831	C12H25F	3-fluorododecane	---	6.49865	1593.0041	195.738	93.97	284.54	2
11832	C12H25F	4-fluorododecane	---	6.49865	1593.0041	195.738	93.97	284.54	2
11833	C12H25F	5-fluorododecane	---	6.49865	1593.0041	195.738	93.97	284.54	2
11834	C12H25F	6-fluorododecane	---	6.49865	1593.0041	195.738	93.97	284.54	2
11835	C12H25F	1-fluoro-2-methylundecane	---	6.49865	1593.0041	195.738	93.97	284.54	2
11836	C12H25F	1-fluoro-3-methylundecane	---	6.49865	1593.0041	195.738	93.97	284.54	2
11837	C12H25F	1-fluoro-4-methylundecane	---	6.49865	1593.0041	195.738	93.97	284.54	2
11838	C12H25F	1-fluoro-5-methylundecane	---	6.49865	1593.0041	195.738	93.97	284.54	2
11839	C12H25F	1-fluoro-6-methylundecane	---	6.49865	1593.0041	195.738	93.97	284.54	2
11840	C12H25F	1-fluoro-7-methylundecane	---	6.49865	1593.0041	195.738	93.97	284.54	2

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mmHg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
11841	C12H25F	1-fluoro-8-methylundecane	---	6.49865	1593.0041	195.738	93.97	284.54	2
11842	C12H25F	1-fluoro-9-methylundecane	---	6.49865	1593.0041	195.738	93.97	284.54	2
11843	C12H25F	1-fluoro-10-methylundecane	---	6.49865	1593.0041	195.738	93.97	284.54	2
11844	C12H25F	2-fluoro-2-methylundecane	---	6.30116	1513.6515	197.962	87.57	287.29	2
11845	C12H25F	2-fluoro-3-methylundecane	---	6.30116	1513.6515	197.962	87.57	287.29	2
11846	C12H25F	2-fluoro-4-methylundecane	---	6.30116	1513.6515	197.962	87.57	287.29	2
11847	C12H25F	2-fluoro-5-methylundecane	---	6.30116	1513.6515	197.962	87.57	287.29	2
11848	C12H25F	2-fluoro-6-methylundecane	---	6.30116	1513.6515	197.962	87.57	287.29	2
11849	C12H25F	2-fluoro-7-methylundecane	---	6.30116	1513.6515	197.962	87.57	287.29	2
11850	C12H25F	2-fluoro-8-methylundecane	---	6.30116	1513.6515	197.962	87.57	287.29	2
11851	C12H25F	2-fluoro-9-methylundecane	---	6.30116	1513.6515	197.962	87.57	287.29	2
11852	C12H25F	2-fluoro-10-methylundecane	---	6.30116	1513.6515	197.962	87.57	287.29	2
11853	C12H25F	3-fluoro-2-methylundecane	---	6.30116	1513.6515	197.962	87.57	287.29	2
11854	C12H25F	3-fluoro-3-methylundecane	---	6.30116	1513.6515	197.962	87.57	287.29	2
11855	C12H25F	3-fluoro-4-methylundecane	---	6.30116	1513.6515	197.962	87.57	287.29	2
11856	C12H25F	3-fluoro-5-methylundecane	---	6.30116	1513.6515	197.962	87.57	287.29	2
11857	C12H25F	3-fluoro-6-methylundecane	---	6.30116	1513.6515	197.962	87.57	287.29	2
11858	C12H25F	3-fluoro-7-methylundecane	---	6.30116	1513.6515	197.962	87.57	287.29	2
11859	C12H25F	3-fluoro-8-methylundecane	---	6.30116	1513.6515	197.962	87.57	287.29	2
11860	C12H25F	3-fluoro-9-methylundecane	---	6.30116	1513.6515	197.962	87.57	287.29	2
11861	C12H25F	3-fluoro-10-methylundecane	---	6.30116	1513.6515	197.962	87.57	287.29	2
11862	C12H25I	1-iodododecane	4292-19-7	7.36408	2113.4762	173.165	158.93	332.18	1,2
11863	C12H25I	1-iodododecane	---	7.65472	2175.2610	175.945	150.93	310.38	2
11864	C12H25I	2-iodododecane	---	7.65472	2175.2610	175.945	150.93	310.38	2
11865	C12H25I	3-iodododecane	---	7.65472	2175.2610	175.945	150.93	310.38	2
11866	C12H25I	4-iodododecane	---	7.65472	2175.2610	175.945	150.93	310.38	2
11867	C12H25I	5-iodododecane	---	7.65472	2175.2610	175.945	150.93	310.38	2
11868	C12H25I	6-iodododecane	---	7.65472	2175.2610	175.945	150.93	310.38	2
11869	C12H25I	1-iodo-2-methylundecane	---	7.65472	2175.2610	175.945	150.93	310.38	2
11870	C12H25I	1-iodo-3-methylundecane	---	7.65472	2175.2610	175.945	150.93	310.38	2
11871	C12H25I	1-iodo-4-methylundecane	---	7.65472	2175.2610	175.945	150.93	310.38	2
11872	C12H25I	1-iodo-5-methylundecane	---	7.65472	2175.2610	175.945	150.93	310.38	2
11873	C12H25I	1-iodo-6-methylundecane	---	7.65472	2175.2610	175.945	150.93	310.38	2
11874	C12H25I	1-iodo-7-methylundecane	---	7.65472	2175.2610	175.945	150.93	310.38	2
11875	C12H25I	1-iodo-8-methylundecane	---	7.65472	2175.2610	175.945	150.93	310.38	2
11876	C12H25I	1-iodo-9-methylundecane	---	7.65472	2175.2610	175.945	150.93	310.38	2
11877	C12H25I	1-iodo-10-methylundecane	---	7.65472	2175.2610	175.945	150.93	310.38	2
11878	C12H25I	2-iodo-2-methylundecane	---	7.30373	2027.6251	178.725	142.93	313.19	2
11879	C12H25I	2-iodo-3-methylundecane	---	7.30373	2027.6251	178.725	142.93	313.19	2
11880	C12H25I	2-iodo-4-methylundecane	---	7.30373	2027.6251	178.725	142.93	313.19	2
11881	C12H25I	2-iodo-5-methylundecane	---	7.30373	2027.6251	178.725	142.93	313.19	2
11882	C12H25I	2-iodo-6-methylundecane	---	7.30373	2027.6251	178.725	142.93	313.19	2
11883	C12H25I	2-iodo-7-methylundecane	---	7.30373	2027.6251	178.725	142.93	313.19	2
11884	C12H25I	2-iodo-8-methylundecane	---	7.30373	2027.6251	178.725	142.93	313.19	2
11885	C12H25I	2-iodo-9-methylundecane	---	7.30373	2027.6251	178.725	142.93	313.19	2
11886	C12H25I	2-iodo-10-methylundecane	---	7.30373	2027.6251	178.725	142.93	313.19	2
11887	C12H25I	3-iodo-2-methylundecane	---	7.30373	2027.6251	178.725	142.93	313.19	2
11888	C12H25I	3-iodo-3-methylundecane	---	7.30373	2027.6251	178.725	142.93	313.19	2
11889	C12H25I	3-iodo-4-methylundecane	---	7.30373	2027.6251	178.725	142.93	313.19	2
11890	C12H25I	3-iodo-5-methylundecane	---	7.30373	2027.6251	178.725	142.93	313.19	2
11891	C12H25I	3-iodo-6-methylundecane	---	7.30373	2027.6251	178.725	142.93	313.19	2
11892	C12H25I	3-iodo-7-methylundecane	---	7.30373	2027.6251	178.725	142.93	313.19	2
11893	C12H25I	3-iodo-8-methylundecane	---	7.30373	2027.6251	178.725	142.93	313.19	2
11894	C12H25I	3-iodo-9-methylundecane	---	7.30373	2027.6251	178.725	142.93	313.19	2
11895	C12H25I	3-iodo-10-methylundecane	---	7.30373	2027.6251	178.725	142.93	313.19	2
11896	C12H25NO2	1-nitrododecane	16891-99-9	7.18689	2063.1327	173.498	159.97	341.63	3
11897	C12H26	dodecane	112-40-3	7.24104	1810.4995	199.381	90.72	246.64	1,2
11898	C12H26	2-methylundecane	7045-71-8	8.13077	2078.6046	197.448	94.05	222.56	2
11899	C12H26	3-methylundecane	1002-43-3	7.03780	1632.1810	181.835	88.49	241.45	1,2
11900	C12H26	4-methylundecane	2980-69-0	7.04488	1627.4643	181.835	87.39	239.46	1,2
11901	C12H26	5-methylundecane	1632-70-8	7.04061	1613.3175	181.835	85.24	236.26	1,2
11902	C12H26	6-methylundecane	17302-33-9	7.04061	1613.3175	181.835	85.24	236.26	1,2
11903	C12H26	2,2-dimethyldecane	17302-37-3	6.92696	1549.0058	181.835	79.51	231.77	1,2
11904	C12H26	2,3-dimethyldecane	17312-44-6	6.98981	1593.6152	181.835	84.22	236.66	1,2
11905	C12H26	2,4-dimethyldecane	2801-84-5	6.98128	1565.7025	181.835	79.93	230.25	1,2
11906	C12H26	2,5-dimethyldecane	17312-50-4	6.97839	1556.4027	181.835	78.50	228.12	1,2
11907	C12H26	2,6-dimethyldecane	13150-81-7	6.97839	1556.4027	181.835	78.50	228.12	1,2
11908	C12H26	2,7-dimethyldecane	17312-51-5	6.98415	1575.0045	181.835	81.36	232.39	1,2
11909	C12H26	2,8-dimethyldecane	17312-52-6	6.98699	1584.3088	181.835	82.79	234.52	1,2
11910	C12H26	2,9-dimethyldecane	1002-17-1	6.98699	1584.3088	181.835	82.79	234.52	1,2
11911	C12H26	3,3-dimethyldecane	17302-38-4	6.92976	1558.1755	181.835	80.94	233.91	1,2
11912	C12H26	3,4-dimethyldecane	17312-45-7	6.98841	1588.9617	181.835	83.50	235.59	1,2
11913	C12H26	3,5-dimethyldecane	17312-48-0	6.98128	1565.7025	181.835	79.93	230.25	1,2
11914	C12H26	3,6-dimethyldecane	17312-53-7	6.98272	1570.3532	181.835	80.65	231.32	1,2
11915	C12H26	3,7-dimethyldecane	17312-54-8	6.98415	1575.0045	181.835	81.36	232.39	1,2
11916	C12H26	3,8-dimethyldecane	17312-55-9	6.98841	1588.9617	181.835	83.50	235.59	1,2
11917	C12H26	4,4-dimethyldecane	17312-39-9	6.92413	1539.8383	181.835	78.09	229.63	1,2
11918	C12H26	4,5-dimethyldecane	17312-46-8	6.98415	1575.0045	181.835	81.36	232.39	1,2
11919	C12H26	4,6-dimethyldecane	17312-49-1	6.97839	1556.4027	181.835	78.50	228.12	1,2
11920	C12H26	4,7-dimethyldecane	17312-56-0	6.97984	1561.0523	181.835	79.22	229.19	1,2

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mmHg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
11921	C12H26	5,5-dimethyldecane	17453-92-8	6.92129	1530.6730	181.835	76.67	227.50	1,2
11922	C12H26	5,6-dimethyldecane	1636-43-7	6.98272	1570.3532	181.835	80.65	231.32	1,2
11923	C12H26	2,2,3-trimethylnonane	55499-04-2	6.87515	1525.1780	181.835	77.76	231.12	1,2
11924	C12H26	2,2,4-trimethylnonane	62184-50-3	6.86245	1484.4925	181.835	71.39	221.49	1,2
11925	C12H26	2,2,5-trimethylnonane	62184-51-4	6.86245	1484.4925	181.835	71.39	221.49	1,2
11926	C12H26	2,2,6-trimethylnonane	62184-52-5	6.86100	1479.9747	181.835	70.68	220.42	1,2
11927	C12H26	2,2,7-trimethylnonane	62184-53-6	6.86815	1502.5694	181.835	74.22	225.77	1,2
11928	C12H26	2,2,8-trimethylnonane	62184-54-7	6.86815	1502.5694	181.835	74.22	225.77	1,2
11929	C12H26	2,3,3-trimethylnonane	62184-55-8	6.87791	1534.2252	181.835	79.18	233.26	1,2
11930	C12H26	2,3,4-trimethylnonane	62184-56-9	6.93070	1546.3890	181.835	78.91	230.66	1,2
11931	C12H26	2,3,5-trimethylnonane	62184-57-0	6.92500	1528.0352	181.835	76.06	226.39	1,2
11932	C12H26	2,3,6-trimethylnonane	62184-58-1	6.92786	1537.2110	181.835	77.48	228.52	1,2
11933	C12H26	2,3,7-trimethylnonane	62184-59-2	6.93211	1550.9788	181.835	79.62	231.73	1,2
11934	C12H26	2,3,8-trimethylnonane	62184-60-5	6.93070	1546.3890	181.835	78.91	230.66	1,2
11935	C12H26	2,4,4-trimethylnonane	62184-61-6	6.86100	1479.9747	181.835	70.68	220.42	1,2
11936	C12H26	2,4,5-trimethylnonane	62184-62-7	6.92356	1523.4481	181.835	75.35	225.32	1,2
11937	C12H26	2,4,6-trimethylnonane	62184-10-5	6.91920	1509.6904	181.835	73.21	222.11	1,2
11938	C12H26	2,4,7-trimethylnonane	62184-11-6	6.92211	1518.8616	181.835	74.64	224.25	1,2
11939	C12H26	2,4,8-trimethylnonane	49542-74-7	6.91773	1505.1056	181.835	72.50	221.04	1,2
11940	C12H26	2,5,5-trimethylnonane	62184-12-7	6.86100	1479.9747	181.835	70.68	220.42	1,2
11941	C12H26	2,5,6-trimethylnonane	62184-13-8	6.92500	1528.0352	181.835	76.06	226.39	1,2
11942	C12H26	2,5,7-trimethylnonane	62184-14-9	6.92211	1518.8616	181.835	74.64	224.25	1,2
11943	C12H26	2,5,8-trimethylnonane	49557-09-7	6.91920	1509.6904	181.835	73.21	222.11	1,2
11944	C12H26	2,6,6-trimethylnonane	62184-15-0	6.86100	1479.9747	181.835	70.68	220.42	1,2
11945	C12H26	2,6,7-trimethylnonane	62184-16-1	6.92928	1541.7997	181.835	78.20	229.59	1,2
11946	C12H26	2,7,7-trimethylnonane	62184-17-2	6.87097	1511.6112	181.835	75.64	227.91	1,2
11947	C12H26	3,3,4-trimethylnonane	62184-18-3	6.87791	1534.2252	181.835	79.18	233.26	1,2
11948	C12H26	3,3,5-trimethylnonane	62184-19-4	6.86100	1479.9747	181.835	70.68	220.42	1,2
11949	C12H26	3,3,7-trimethylnonane	62184-21-8	6.86815	1502.5694	181.835	74.22	225.77	1,2
11950	C12H26	3,3,6-trimethylnonane	62184-20-7	6.87237	1516.1330	181.835	76.35	228.98	1,2
11951	C12H26	3,4,4-trimethylnonane	62184-22-9	6.87515	1525.1780	181.835	77.76	231.12	1,2
11952	C12H26	3,4,5-trimethylnonane	62184-23-0	6.93070	1546.3890	181.835	78.91	230.66	1,2
11953	C12H26	3,4,6-trimethylnonane	62184-24-1	6.92643	1532.6228	181.835	76.77	227.45	1,2
11954	C12H26	3,4,7-trimethylnonane	27802-85-3	6.93070	1546.3890	181.835	78.91	230.66	1,2
11955	C12H26	3,5,5-trimethylnonane	62184-25-2	6.86245	1484.4925	181.835	71.39	221.49	1,2
11956	C12H26	3,5,6-trimethylnonane	62184-26-3	6.92643	1532.6228	181.835	76.77	227.45	1,2
11957	C12H26	3,5,7-trimethylnonane	62184-27-4	6.92356	1523.4481	181.835	75.35	225.32	1,2
11958	C12H26	3,6,6-trimethylnonane	62184-28-5	6.86100	1479.9747	181.835	70.68	220.42	1,2
11959	C12H26	4,4,5-trimethylnonane	62184-29-6	6.87237	1516.1330	181.835	76.35	228.98	1,2
11960	C12H26	4,4,6-trimethylnonane	62184-30-9	6.86245	1484.4925	181.835	71.39	221.49	1,2
11961	C12H26	4,5,5-trimethylnonane	62184-31-0	6.87237	1516.1330	181.835	76.35	228.98	1,2
11962	C12H26	4,5,6-trimethylnonane	62211-85-2	6.92786	1537.2110	181.835	77.48	228.52	1,2
11963	C12H26	2,2,3,3-tetramethyloctane	62183-74-8	6.76997	1485.0157	181.835	75.53	232.03	1,2
11964	C12H26	2,2,3,4-tetramethyloctane	62183-75-9	6.81806	1483.6934	181.835	73.18	226.20	1,2
11965	C12H26	2,2,3,5-tetramethyloctane	62183-76-0	6.81387	1470.3161	181.835	71.06	222.98	1,2
11966	C12H26	2,2,3,6-tetramethyloctane	62183-77-1	6.81667	1479.2337	181.835	72.47	225.13	1,2
11967	C12H26	2,2,3,7-tetramethyloctane	62183-78-2	6.81667	1479.2337	181.835	72.47	225.13	1,2
11968	C12H26	2,2,4,4-tetramethyloctane	62183-79-3	6.75915	1449.8581	181.835	69.91	223.46	1,2
11969	C12H26	2,2,4,5-tetramethyloctane	62183-80-6	6.80677	1448.0317	181.835	67.53	217.63	1,2
11970	C12H26	2,2,4,6-tetramethyloctane	62183-81-7	6.80389	1439.1219	181.835	66.12	215.49	1,2
11971	C12H26	2,2,4,7-tetramethyloctane	62183-82-8	6.80360	1438.2311	181.835	65.98	215.27	1,2
11972	C12H26	2,2,5,5-tetramethyloctane	62183-83-9	6.74795	1414.7350	181.835	64.29	214.88	1,2
11973	C12H26	2,2,5,6-tetramethyloctane	62183-84-0	6.81105	1461.4007	181.835	69.65	220.84	1,2
11974	C12H26	2,2,5,7-tetramethyloctane	62199-19-3	6.80389	1439.1219	181.835	66.12	215.49	1,2
11975	C12H26	2,2,6,6-tetramethyloctane	62199-20-6	6.74937	1419.1235	181.835	65.00	215.95	1,2
11976	C12H26	2,2,6,7-tetramethyloctane	62199-21-7	6.81247	1465.8581	181.835	70.36	221.91	1,2
11977	C12H26	2,2,7,7-tetramethyloctane	1071-31-4	6.74937	1419.1235	181.835	65.00	215.95	1,2
11978	C12H26	2,3,3,4-tetramethyloctane	62199-22-8	6.82628	1510.4624	181.835	77.41	232.62	1,2
11979	C12H26	2,3,3,5-tetramethyloctane	62199-23-9	6.81667	1479.2337	181.835	72.47	225.13	1,2
11980	C12H26	2,3,3,6-tetramethyloctane	62199-24-0	6.81944	1488.1536	181.835	73.89	227.27	1,2
11981	C12H26	2,3,3,7-tetramethyloctane	62199-25-1	6.81944	1488.1536	181.835	73.89	227.27	1,2
11982	C12H26	2,3,4,4-tetramethyloctane	62199-26-2	6.81944	1488.1536	181.835	73.89	227.27	1,2
11983	C12H26	2,3,4,5-tetramethyloctane	62199-27-3	6.87605	1513.5366	181.835	75.74	227.87	1,2
11984	C12H26	2,3,4,6-tetramethyloctane	62199-28-4	6.87323	1504.4834	181.835	74.32	225.73	1,2
11985	C12H26	2,3,4,7-tetramethyloctane	62199-29-5	6.87181	1499.9576	181.835	73.62	224.66	1,2
11986	C12H26	2,3,5,5-tetramethyloctane	62199-30-8	6.81806	1483.6934	181.835	73.18	226.20	1,2
11987	C12H26	2,3,5,6-tetramethyloctane	62199-31-9	6.87323	1504.4834	181.835	74.32	225.73	1,2
11988	C12H26	2,3,5,7-tetramethyloctane	62199-32-0	6.86607	1481.8601	181.835	70.78	220.38	1,2
11989	C12H26	2,3,6,6-tetramethyloctane	62199-33-1	6.81527	1474.7746	181.835	71.77	224.06	1,2
11990	C12H26	2,3,6,7-tetramethyloctane	52670-34-5	6.87464	1509.0097	181.835	75.03	226.80	1,2
11991	C12H26	2,4,4,5-tetramethyloctane	62199-34-2	6.81247	1465.8581	181.835	70.36	221.91	1,2
11992	C12H26	2,4,4,6-tetramethyloctane	62199-35-3	6.80389	1439.1219	181.835	66.12	215.49	1,2
11993	C12H26	2,4,4,7-tetramethyloctane	35866-96-7	6.80244	1434.6679	181.835	65.42	214.42	1,2
11994	C12H26	2,4,5,5-tetramethyloctane	62199-36-4	6.81387	1470.3161	181.835	71.06	222.98	1,2
11995	C12H26	2,4,5,6-tetramethyloctane	62199-37-5	6.87181	1499.9576	181.835	73.62	224.66	1,2
11996	C12H26	2,4,5,7-tetramethyloctane	2217-17-6	6.86068	1465.1280	181.835	68.16	216.42	1,2
11997	C12H26	2,4,6,6-tetramethyloctane	62199-38-6	6.80677	1448.0317	181.835	67.53	217.63	1,2
11998	C12H26	2,5,5,6-tetramethyloctane	62199-39-7	6.81667	1479.2337	181.835	72.47	225.13	1,2
11999	C12H26	2,5,6,6-tetramethyloctane	62199-40-0	6.81944	1488.1536	181.835	73.89	227.27	1,2
12000	C12H26	3,3,4,4-tetramethyloctane	62199-41-1	6.77261	1493.8104	181.835	76.94	234.18	1,2

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mmHg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
12001	C12H26	3,3,4,5-tetramethyloctane	62199-42-2	6.82220	1497.0755	181.835	75.30	229.41	1,2
12002	C12H26	3,3,4,6-tetramethyloctane	62199-43-3	6.81944	1488.1536	181.835	73.89	227.27	1,2
12003	C12H26	3,3,5,6-tetramethyloctane	62199-44-4	6.76595	1471.8277	181.835	73.43	228.82	1,2
12004	C12H26	3,3,5,6-tetramethyloctane	62199-45-5	6.81527	1474.7746	181.835	71.77	224.06	1,2
12005	C12H26	3,3,6,6-tetramethyloctane	62199-46-6	6.75597	1439.7566	181.835	68.30	220.99	1,2
12006	C12H26	3,4,4,5-tetramethyloctane	62199-47-7	6.82628	1510.4624	181.835	77.41	232.62	1,2
12007	C12H26	3,4,4,6-tetramethyloctane	62185-19-7	6.81806	1483.6934	181.835	73.18	226.20	1,2
12008	C12H26	3,4,5,5-tetramethyloctane	62185-20-0	6.82082	1492.6143	181.835	74.59	228.34	1,2
12009	C12H26	3,4,5,6-tetramethyloctane	62185-21-1	6.87885	1522.5920	181.835	77.16	230.01	1,2
12010	C12H26	4,4,5,5-tetramethyloctane	62185-22-2	6.76997	1485.0157	181.835	75.53	232.03	1,2
12011	C12H26	2,2,3,3,4-pentamethylheptane	62198-80-5	6.72029	1466.0483	181.835	74.45	232.48	1,2
12012	C12H26	2,2,3,3,5-pentamethylheptane	62198-81-6	6.71238	1440.0358	181.835	70.26	226.05	1,2
12013	C12H26	2,2,3,3,6-pentamethylheptane	62198-82-7	6.71104	1435.7021	181.835	69.56	224.97	1,2
12014	C12H26	2,2,3,4,4-pentamethylheptane	62198-83-8	6.72289	1474.7232	181.835	75.85	234.63	1,2
12015	C12H26	2,2,3,4,5-pentamethylheptane	62198-84-9	6.76683	1460.5012	181.835	71.42	225.56	1,2
12016	C12H26	2,2,3,4,6-pentamethylheptane	62198-85-0	6.75853	1434.1158	181.835	67.21	219.13	1,2
12017	C12H26	2,2,3,5,5-pentamethylheptane	62198-86-1	6.70288	1409.7116	181.835	65.36	218.53	1,2
12018	C12H26	2,2,3,5,6-pentamethylheptane	62198-87-2	6.75965	1437.6327	181.835	67.77	219.98	1,2
12019	C12H26	2,2,3,6,6-pentamethylheptane	62198-88-3	6.70011	1401.0524	181.835	63.96	216.39	1,2
12020	C12H26	2,2,4,4,5-pentamethylheptane	62199-61-5	6.71504	1448.7046	181.835	71.65	228.19	1,2
12021	C12H26	2,2,4,4,6-pentamethylheptane	62199-62-6	6.70094	1403.6499	181.835	64.38	217.03	1,2
12022	C12H26	2,2,4,5,5-pentamethylheptane	62199-63-7	6.70150	1405.3817	181.835	64.66	217.46	1,2
12023	C12H26	2,2,4,5,6-pentamethylheptane	62199-64-8	6.75430	1420.9305	181.835	65.10	215.91	1,2
12024	C12H26	2,2,4,6,6-pentamethylheptane	13475-82-6	6.69016	1370.5467	181.835	59.03	208.82	1,2
12025	C12H26	2,2,5,5,6-pentamethylheptane	62199-65-9	6.70150	1405.3817	181.835	64.66	217.46	1,2
12026	C12H26	2,3,3,4,4-pentamethylheptane	62199-66-0	6.72418	1479.0614	181.835	76.55	235.70	1,2
12027	C12H26	2,3,3,4,5-pentamethylheptane	62199-67-1	6.77492	1486.9059	181.835	75.64	231.99	1,2
12028	C12H26	2,3,3,4,6-pentamethylheptane	62199-68-2	6.76819	1464.9007	181.835	72.13	226.63	1,2
12029	C12H26	2,3,3,5,5-pentamethylheptane	62199-69-3	6.72029	1466.0483	181.835	74.45	232.48	1,2
12030	C12H26	2,3,3,5,6-pentamethylheptane	52670-35-6	6.76409	1451.7039	181.835	70.02	223.41	1,2
12031	C12H26	2,3,4,4,5-pentamethylheptane	62199-70-6	6.77492	1486.9059	181.835	75.64	231.99	1,2
12032	C12H26	2,3,4,4,6-pentamethylheptane	62199-71-7	6.76132	1442.9087	181.835	68.61	221.27	1,2
12033	C12H26	2,3,4,5,5-pentamethylheptane	62199-72-8	6.77090	1473.7012	181.835	73.53	228.77	1,2
12034	C12H26	2,3,4,5,6-pentamethylheptane	27574-98-7	6.82308	1485.5833	181.835	73.28	226.15	1,2
12035	C12H26	2,4,4,5,5-pentamethylheptane	62199-73-9	6.71504	1448.7046	181.835	71.65	228.19	1,2
12036	C12H26	3,3,4,4,5-pentamethylheptane	62199-74-0	6.72801	1492.0790	181.835	78.65	238.92	1,2
12037	C12H26	3,3,4,5,5-pentamethylheptane	62199-75-1	6.73180	1505.1009	181.835	80.75	242.14	1,2
12038	C12H26	2,2,3,3,4,4-hexamethylhexane	62185-11-9	6.63649	1494.1385	181.835	83.25	250.67	1,2
12039	C12H26	2,2,3,3,4,5-hexamethylhexane	62185-12-0	6.66965	1442.9225	181.835	72.66	231.87	1,2
12040	C12H26	2,2,3,3,5,5-hexamethylhexane	60302-24-1	6.61085	1405.6093	181.835	68.68	228.08	1,2
12041	C12H26	2,2,3,4,4,5-hexamethylhexane	62185-13-1	6.67849	1472.8734	181.835	77.54	239.39	1,2
12042	C12H26	2,2,3,4,5,5-hexamethylhexane	62185-14-2	6.65789	1404.4500	181.835	66.39	222.20	1,2
12043	C12H26	2,3,3,4,4,5-hexamethylhexane	52670-36-7	6.67849	1472.8734	181.835	77.54	239.39	1,2
12044	C12H26	3-ethyldecane	17085-96-0	7.04446	1626.0494	181.835	87.18	239.14	1,2
12045	C12H26	4-ethyldecane	1636-44-8	7.03774	1603.8890	181.835	83.81	234.12	1,2
12046	C12H26	5-ethyldecane	17302-36-2	7.03484	1594.4628	181.835	82.37	231.99	1,2
12047	C12H26	4-propylnonane	6165-37-3	7.03045	1580.3276	181.835	80.22	228.79	1,2
12048	C12H26	5-propylnonane	998-35-6	7.02749	1570.9070	181.835	78.79	226.65	1,2
12049	C12H26	4-isopropylnonane	62184-71-8	6.97839	1556.4027	181.835	78.50	228.12	1,2
12050	C12H26	5-isopropylnonane	62184-72-9	6.97839	1556.4027	181.835	78.50	228.12	1,2
12051	C12H26	2-methyl-3-ethylnonane	62184-73-0	6.98272	1570.3532	181.835	80.65	231.32	1,2
12052	C12H26	2-methyl-4-ethylnonane	62184-37-6	6.97839	1556.4027	181.835	78.50	228.12	1,2
12053	C12H26	2-methyl-5-ethylnonane	62184-38-7	6.97547	1547.1051	181.835	77.07	225.98	1,2
12054	C12H26	2-methyl-6-ethylnonane	62184-39-8	6.97839	1556.4027	181.835	78.50	228.12	1,2
12055	C12H26	2-methyl-7-ethylnonane	62184-40-1	6.98415	1575.0045	181.835	81.36	232.39	1,2
12056	C12H26	3-methyl-3-ethylnonane	17302-39-5	6.93115	1562.7612	181.835	81.65	234.98	1,2
12057	C12H26	3-methyl-4-ethylnonane	62184-41-2	6.98272	1570.3532	181.835	80.65	231.32	1,2
12058	C12H26	3-methyl-5-ethylnonane	62184-42-3	6.97400	1542.4572	181.835	76.36	224.91	1,2
12059	C12H26	3-methyl-6-ethylnonane	62184-43-4	6.97984	1561.0523	181.835	79.22	229.19	1,2
12060	C12H26	3-methyl-7-ethylnonane	62184-44-5	6.98128	1565.7025	181.835	79.93	230.25	1,2
12061	C12H26	4-methyl-3-ethylnonane	62184-45-6	6.98128	1565.7025	181.835	79.93	230.25	1,2
12062	C12H26	4-methyl-4-ethylnonane	17312-40-2	6.92413	1539.8383	181.835	78.09	229.63	1,2
12063	C12H26	4-methyl-5-ethylnonane	62184-46-7	6.97839	1556.4027	181.835	78.50	228.12	1,2
12064	C12H26	4-methyl-6-ethylnonane	62184-47-8	6.97547	1547.1051	181.835	77.07	225.98	1,2
12065	C12H26	4-methyl-7-ethylnonane	62184-48-9	6.98128	1565.7025	181.835	79.93	230.25	1,2
12066	C12H26	5-methyl-3-ethylnonane	62184-49-0	6.97984	1561.0523	181.835	79.22	229.19	1,2
12067	C12H26	5-methyl-4-ethylnonane	1632-71-9	6.97984	1561.0523	181.835	79.22	229.19	1,2
12068	C12H26	5-methyl-5-ethylnonane	14531-16-9	6.92271	1535.2554	181.835	77.38	228.57	1,2
12069	C12H26	4-tert-butyldecane	62184-32-1	6.86245	1484.4925	181.835	71.39	221.49	1,2
12070	C12H26	2-methyl-4-propyloctane	62184-33-2	6.96806	1523.8713	181.835	73.50	220.64	1,2
12071	C12H26	2-methyl-5-propyloctane	62184-34-3	6.96806	1523.8713	181.835	73.50	220.64	1,2
12072	C12H26	3-methyl-4-propyloctane	62184-35-4	6.97693	1551.7536	181.835	77.79	227.05	1,2
12073	C12H26	3-methyl-5-propyloctane	62184-36-5	6.97253	1537.8099	181.835	75.65	223.85	1,2
12074	C12H26	4-methyl-4-propyloctane	17312-41-3	6.91841	1521.5099	181.835	75.25	225.36	1,2
12075	C12H26	4-methyl-5-propyloctane	62183-85-1	6.97547	1547.1051	181.835	77.07	225.98	1,2
12076	C12H26	2-methyl-3-isopropyloctane	13287-19-9	6.92500	1528.0352	181.835	76.06	226.39	1,2
12077	C12H26	2-methyl-4-isopropyloctane	62183-86-2	6.91626	1500.5214	181.835	71.79	219.97	1,2
12078	C12H26	2-methyl-5-isopropyloctane	62183-87-3	6.91773	1505.1056	181.835	72.50	221.04	1,2
12079	C12H26	3-methyl-4-isopropyloctane	62183-88-4	6.92356	1523.4481	181.835	75.35	225.32	1,2
12080	C12H26	3-methyl-5-isopropyloctane	62183-89-5	6.91920	1509.6904	181.835	73.21	222.11	1,2

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mmHg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
12081	C12H26	4-methyl-4-isopropyloctane	62183-90-8	6.87237	1516.1330	181.835	76.35	228.98	1,2
12082	C12H26	4-methyl-5-isopropyloctane	62183-91-9	6.92211	1518.8616	181.835	74.64	224.25	1,2
12083	C12H26	3,3-diethyloctane	17302-40-8	6.93253	1567.3473	181.835	82.36	236.05	1,2
12084	C12H26	3,4-diethyloctane	62183-92-0	6.97984	1561.0523	181.835	79.22	229.19	1,2
12085	C12H26	3,5-diethyloctane	62183-93-1	6.97693	1551.7536	181.835	77.79	227.05	1,2
12086	C12H26	3,6-diethyloctane	62183-94-2	6.98415	1575.0045	181.835	81.36	232.39	1,2
12087	C12H26	4,4-diethyloctane	17312-42-4	6.92555	1544.4218	181.835	78.80	230.70	1,2
12088	C12H26	4,5-diethyloctane	1636-41-5	6.97693	1551.7536	181.835	77.79	227.05	1,2
12089	C12H26	2,2-dimethyl-3-ethyloctane	62183-95-3	6.86956	1507.0901	181.835	74.93	226.84	1,2
12090	C12H26	2,2-dimethyl-4-ethyloctane	62183-96-4	6.85664	1466.4246	181.835	68.55	217.21	1,2
12091	C12H26	2,2-dimethyl-5-ethyloctane	62183-97-5	6.85955	1475.4574	181.835	69.97	219.35	1,2
12092	C12H26	2,2-dimethyl-6-ethyloctane	62183-98-6	6.86531	1493.5299	181.835	72.80	223.63	1,2
12093	C12H26	2,3-dimethyl-3-ethyloctane	62183-99-7	6.87791	1534.2252	181.835	79.18	233.26	1,2
12094	C12H26	2,3-dimethyl-4-ethyloctane	62184-00-3	6.92643	1532.6228	181.835	76.77	227.45	1,2
12095	C12H26	2,3-dimethyl-5-ethyloctane	62184-01-4	6.92211	1518.8616	181.835	74.64	224.25	1,2
12096	C12H26	2,3-dimethyl-6-ethyloctane	62184-02-5	6.92928	1541.7997	181.835	78.20	229.59	1,2
12097	C12H26	2,4-dimethyl-3-ethyloctane	62184-03-6	6.92643	1532.6228	181.835	76.77	227.45	1,2
12098	C12H26	2,4-dimethyl-4-ethyloctane	62184-04-7	6.86245	1484.4925	181.835	71.39	221.49	1,2
12099	C12H26	2,4-dimethyl-5-ethyloctane	62184-05-8	6.92066	1514.2757	181.835	73.93	223.18	1,2
12100	C12H26	2,4-dimethyl-6-ethyloctane	62184-06-9	6.91920	1509.6904	181.835	73.21	222.11	1,2
12101	C12H26	2,5-dimethyl-3-ethyloctane	62184-07-0	6.92211	1518.8616	181.835	74.64	224.25	1,2
12102	C12H26	2,5-dimethyl-4-ethyloctane	62184-08-1	6.91920	1509.6904	181.835	73.21	222.11	1,2
12103	C12H26	2,5-dimethyl-5-ethyloctane	62184-09-2	6.86531	1493.5299	181.835	72.80	223.63	1,2
12104	C12H26	2,5-dimethyl-6-ethyloctane	62183-50-0	6.92643	1532.6228	181.835	76.77	227.45	1,2
12105	C12H26	2,6-dimethyl-3-ethyloctane	62183-51-1	6.92643	1532.6228	181.835	76.77	227.45	1,2
12106	C12H26	2,6-dimethyl-4-ethyloctane	62183-52-2	6.91626	1500.5214	181.835	71.79	219.97	1,2
12107	C12H26	2,6-dimethyl-5-ethyloctane	62183-53-3	6.92356	1523.4481	181.835	75.35	225.32	1,2
12108	C12H26	2,6-dimethyl-6-ethyloctane	62183-54-4	6.87237	1516.1330	181.835	76.35	228.98	1,2
12109	C12H26	2,7-dimethyl-3-ethyloctane	62183-55-5	6.92500	1528.0352	181.835	76.06	226.39	1,2
12110	C12H26	2,7-dimethyl-4-ethyloctane	62183-56-6	6.91626	1500.5214	181.835	71.79	219.97	1,2
12111	C12H26	3,3-dimethyl-4-ethyloctane	62183-57-7	6.87237	1516.1330	181.835	76.35	228.98	1,2
12112	C12H26	3,3-dimethyl-5-ethyloctane	62183-58-8	6.86245	1484.4925	181.835	71.39	221.49	1,2
12113	C12H26	3,3-dimethyl-6-ethyloctane	62183-59-9	6.86956	1507.0901	181.835	74.93	226.84	1,2
12114	C12H26	3,4-dimethyl-3-ethyloctane	62212-28-6	6.87515	1525.1780	181.835	77.76	231.12	1,2
12115	C12H26	3,4-dimethyl-4-ethyloctane	62183-60-2	6.87653	1529.7013	181.835	78.47	232.19	1,2
12116	C12H26	3,4-dimethyl-5-ethyloctane	62183-61-3	6.92786	1537.2110	181.835	77.48	228.52	1,2
12117	C12H26	3,4-dimethyl-6-ethyloctane	62183-62-4	6.92786	1537.2110	181.835	77.48	228.52	1,2
12118	C12H26	3,5-dimethyl-3-ethyloctane	62183-63-5	6.86956	1507.0901	181.835	74.93	226.84	1,2
12119	C12H26	3,5-dimethyl-4-ethyloctane	62183-64-6	6.92643	1532.6228	181.835	76.77	227.45	1,2
12120	C12H26	3,5-dimethyl-5-ethyloctane	62183-65-7	6.86100	1479.9747	181.835	70.68	220.42	1,2
12121	C12H26	3,5-dimethyl-6-ethyloctane	62183-66-8	6.92643	1532.6228	181.835	76.77	227.45	1,2
12122	C12H26	3,6-dimethyl-3-ethyloctane	62183-67-9	6.87376	1520.6552	181.835	77.05	230.05	1,2
12123	C12H26	3,6-dimethyl-4-ethyloctane	62183-68-0	6.92500	1528.0352	181.835	76.06	226.39	1,2
12124	C12H26	4,4-dimethyl-3-ethyloctane	62183-69-1	6.87237	1516.1330	181.835	76.35	228.98	1,2
12125	C12H26	4,4-dimethyl-5-ethyloctane	62183-70-4	6.86956	1507.0901	181.835	74.93	226.84	1,2
12126	C12H26	4,4-dimethyl-6-ethyloctane	62183-71-5	6.86245	1484.4925	181.835	71.39	221.49	1,2
12127	C12H26	4,5-dimethyl-3-ethyloctane	62183-72-6	6.92928	1541.7997	181.835	78.20	229.59	1,2
12128	C12H26	4,5-dimethyl-4-ethyloctane	62183-73-7	6.87515	1525.1780	181.835	77.76	231.12	1,2
12129	C12H26	2-methyl-4-tert-butylheptane	62185-23-3	6.80389	1439.1219	181.835	66.12	215.49	1,2
12130	C12H26	3-methyl-4-tert-butylheptane	62185-24-4	6.81105	1461.4007	181.835	69.65	220.84	1,2
12131	C12H26	4-methyl-4-tert-butylheptane	62185-25-5	6.76730	1476.2232	181.835	74.13	229.89	1,2
12132	C12H26	3-ethyl-4-propylheptane	62185-26-6	6.97547	1547.1051	181.835	77.07	225.98	1,2
12133	C12H26	4-ethyl-4-propylheptane	17312-43-5	6.92129	1530.6730	181.835	76.67	227.50	1,2
12134	C12H26	3-ethyl-4-isopropylheptane	62185-27-7	6.92356	1523.4481	181.835	75.35	225.32	1,2
12135	C12H26	4-ethyl-4-isopropylheptane	62185-28-8	6.87515	1525.1780	181.835	77.76	231.12	1,2
12136	C12H26	2,2-dimethyl-4-propylheptane	---	6.85222	1452.8798	181.835	66.43	214.00	1,2
12137	C12H26	2,3-dimethyl-4-propylheptane	62185-30-2	6.92211	1518.8616	181.835	74.64	224.25	1,2
12138	C12H26	2,4-dimethyl-4-propylheptane	62185-31-3	6.85955	1475.4574	181.835	69.97	219.35	1,2
12139	C12H26	2,5-dimethyl-4-propylheptane	62185-32-4	6.91626	1500.5214	181.835	71.79	219.97	1,2
12140	C12H26	2,6-dimethyl-4-propylheptane	62185-33-5	6.90820	1475.7768	181.835	67.95	214.20	1,2
12141	C12H26	3,3-dimethyl-4-propylheptane	62185-34-6	6.86956	1507.0901	181.835	74.93	226.84	1,2
12142	C12H26	3,4-dimethyl-4-propylheptane	62185-35-7	6.87237	1516.1330	181.835	76.35	228.98	1,2
12143	C12H26	3,5-dimethyl-4-propylheptane	62185-36-8	6.92500	1528.0352	181.835	76.06	226.39	1,2
12144	C12H26	2,2-dimethyl-3-isopropylheptane	62185-37-9	6.81105	1461.4007	181.835	69.65	220.84	1,2
12145	C12H26	2,2-dimethyl-4-isopropylheptane	62185-38-0	6.79952	1425.7616	181.835	64.01	212.28	1,2
12146	C12H26	2,3-dimethyl-3-isopropylheptane	62185-39-1	6.82628	1510.4624	181.835	77.41	232.62	1,2
12147	C12H26	2,3-dimethyl-4-isopropylheptane	62185-40-4	6.86895	1490.9077	181.835	72.20	222.52	1,2
12148	C12H26	2,4-dimethyl-3-isopropylheptane	62185-41-5	6.86895	1490.9077	181.835	72.20	222.52	1,2
12149	C12H26	2,4-dimethyl-4-isopropylheptane	62185-42-6	6.81387	1470.3161	181.835	71.06	222.98	1,2
12150	C12H26	2,5-dimethyl-3-isopropylheptane	62185-43-7	6.86607	1481.8601	181.835	70.78	220.38	1,2
12151	C12H26	2,5-dimethyl-4-isopropylheptane	62185-44-8	6.86462	1477.3371	181.835	70.07	219.31	1,2
12152	C12H26	2,6-dimethyl-3-isopropylheptane	62185-45-9	6.86723	1485.4788	181.835	71.35	221.24	1,2
12153	C12H26	2,6-dimethyl-4-isopropylheptane	35866-89-8	6.85579	1450.2115	181.835	65.82	212.89	1,2
12154	C12H26	3,3-dimethyl-4-isopropylheptane	62185-46-0	6.81667	1479.2337	181.835	72.47	225.13	1,2
12155	C12H26	3,4-dimethyl-4-isopropylheptane	62185-47-1	6.82628	1510.4624	181.835	77.41	232.62	1,2
12156	C12H26	3,5-dimethyl-4-isopropylheptane	62198-89-4	6.87181	1499.9576	181.835	73.62	224.66	1,2
12157	C12H26	2-methyl-3,3-diethylheptane	62198-90-7	6.87928	1538.7496	181.835	79.89	234.33	1,2
12158	C12H26	2-methyl-3,4-diethylheptane	62198-91-8	6.92356	1523.4481	181.835	75.35	225.32	1,2
12159	C12H26	2-methyl-3,5-diethylheptane	62198-92-9	6.92356	1523.4481	181.835	75.35	225.32	1,2
12160	C12H26	2-methyl-4,4-diethylheptane	62198-93-0	6.86673	1498.0494	181.835	73.51	224.70	1,2

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mmHg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
12161	C12H26	2-methyl-4,5-diethylheptane	62198-94-1	6.92066	1514.2757	181.835	73.93	223.18	1,2
12162	C12H26	2-methyl-5,5-diethylheptane	62198-95-2	6.87237	1516.1330	181.835	76.35	228.98	1,2
12163	C12H26	3-methyl-3,4-diethylheptane	62198-96-3	6.87653	1529.7013	181.835	78.47	232.19	1,2
12164	C12H26	3-methyl-3,5-diethylheptane	62198-97-4	6.87097	1511.6112	181.835	75.64	227.91	1,2
12165	C12H26	3-methyl-4,4-diethylheptane	62198-98-5	6.88064	1543.2745	181.835	80.60	235.40	1,2
12166	C12H26	3-methyl-4,5-diethylheptane	62198-99-6	6.92786	1537.2110	181.835	77.48	228.52	1,2
12167	C12H26	3-methyl-5,5-diethylheptane	62199-00-2	6.87376	1520.6552	181.835	77.05	230.05	1,2
12168	C12H26	4-methyl-3,3-diethylheptane	62199-01-3	6.88200	1547.7999	181.835	81.31	236.47	1,2
12169	C12H26	4-methyl-3,4-diethylheptane	62199-02-4	6.87653	1529.7013	181.835	78.47	232.19	1,2
12170	C12H26	4-methyl-3,5-diethylheptane	62199-03-5	6.93070	1546.3890	181.835	78.91	230.66	1,2
12171	C12H26	2,2,3-trimethyl-3-ethylheptane	62199-04-6	6.76997	1485.0157	181.835	75.53	232.03	1,2
12172	C12H26	2,2,3-trimethyl-4-ethylheptane	62199-05-7	6.81527	1474.7746	181.835	71.77	224.06	1,2
12173	C12H26	2,2,3-trimethyl-5-ethylheptane	62199-06-8	6.81387	1470.3161	181.835	71.06	222.98	1,2
12174	C12H26	2,2,4-trimethyl-3-ethylheptane	62199-07-9	6.81387	1470.3161	181.835	71.06	222.98	1,2
12175	C12H26	2,2,4-trimethyl-4-ethylheptane	62199-08-0	6.76189	1458.6443	181.835	71.32	225.60	1,2
12176	C12H26	2,2,4-trimethyl-5-ethylheptane	62199-09-1	6.80677	1448.0317	181.835	67.53	217.63	1,2
12177	C12H26	2,2,5-trimethyl-3-ethylheptane	62199-10-4	6.81105	1461.4007	181.835	69.65	220.84	1,2
12178	C12H26	2,2,5-trimethyl-4-ethylheptane	62199-11-5	6.80533	1443.5765	181.835	66.83	216.56	1,2
12179	C12H26	2,2,5-trimethyl-5-ethylheptane	62199-12-6	6.75499	1436.6828	181.835	67.81	220.24	1,2
12180	C12H26	2,2,6-trimethyl-3-ethylheptane	62199-13-7	6.81105	1461.4007	181.835	69.65	220.84	1,2
12181	C12H26	2,2,6-trimethyl-4-ethylheptane	62199-14-8	6.79657	1416.8576	181.835	62.60	210.13	1,2
12182	C12H26	2,2,6-trimethyl-5-ethylheptane	62199-15-9	6.80677	1448.0317	181.835	67.53	217.63	1,2
12183	C12H26	2,3,3-trimethyl-4-ethylheptane	62199-16-0	6.82356	1501.5373	181.835	76.00	230.48	1,2
12184	C12H26	2,3,3-trimethyl-5-ethylheptane	62199-17-1	6.81667	1479.2337	181.835	72.47	225.13	1,2
12185	C12H26	2,3,4-trimethyl-3-ethylheptane	62199-18-2	6.82897	1519.3897	181.835	78.83	234.76	1,2
12186	C12H26	2,3,4-trimethyl-4-ethylheptane	62198-55-4	6.82220	1497.0755	181.835	75.30	229.41	1,2
12187	C12H26	2,3,4-trimethyl-5-ethylheptane	62198-56-5	6.87605	1513.5366	181.835	75.74	227.87	1,2
12188	C12H26	2,3,5-trimethyl-3-ethylheptane	62198-57-6	6.82151	1494.8448	181.835	74.94	228.87	1,2
12189	C12H26	2,3,5-trimethyl-4-ethylheptane	62198-58-7	6.87464	1509.0097	181.835	75.03	226.80	1,2
12190	C12H26	2,3,5-trimethyl-5-ethylheptane	62198-59-8	6.81667	1479.2337	181.835	72.47	225.13	1,2
12191	C12H26	2,3,6-trimethyl-3-ethylheptane	62198-60-1	6.81944	1488.1536	181.835	73.89	227.27	1,2
12192	C12H26	2,3,6-trimethyl-4-ethylheptane	62198-61-2	6.86607	1481.8601	181.835	70.78	220.38	1,2
12193	C12H26	2,3,6-trimethyl-5-ethylheptane	62198-62-3	6.87039	1495.4324	181.835	72.91	223.59	1,2
12194	C12H26	2,4,4-trimethyl-3-ethylheptane	62198-63-4	6.81667	1479.2337	181.835	72.47	225.13	1,2
12195	C12H26	2,4,4-trimethyl-5-ethylheptane	62198-64-5	6.81387	1470.3161	181.835	71.06	222.98	1,2
12196	C12H26	2,4,5-trimethyl-3-ethylheptane	62198-65-6	6.87464	1509.0097	181.835	75.03	226.80	1,2
12197	C12H26	2,4,5-trimethyl-4-ethylheptane	62198-66-7	6.81806	1483.6934	181.835	73.18	226.20	1,2
12198	C12H26	2,4,5-trimethyl-5-ethylheptane	62198-67-8	6.82082	1492.6143	181.835	74.59	228.34	1,2
12199	C12H26	2,4,6-trimethyl-3-ethylheptane	62198-68-9	6.86752	1486.3836	181.835	71.49	221.45	1,2
12200	C12H26	2,4,6-trimethyl-4-ethylheptane	62198-69-0	6.80389	1439.1219	181.835	66.12	215.49	1,2
12201	C12H26	2,5,5-trimethyl-3-ethylheptane	62198-70-3	6.81105	1461.4007	181.835	69.65	220.84	1,2
12202	C12H26	2,5,5-trimethyl-4-ethylheptane	62198-71-4	6.81387	1470.3161	181.835	71.06	222.98	1,2
12203	C12H26	3,3,4-trimethyl-4-ethylheptane	62198-72-5	6.77654	1507.0061	181.835	79.05	237.39	1,2
12204	C12H26	3,3,4-trimethyl-5-ethylheptane	62198-73-6	6.82356	1501.5373	181.835	76.00	230.48	1,2
12205	C12H26	3,3,5-trimethyl-4-ethylheptane	62198-74-7	6.82082	1492.6143	181.835	74.59	228.34	1,2
12206	C12H26	3,3,5-trimethyl-5-ethylheptane	62198-75-8	6.77261	1493.8104	181.835	76.94	234.18	1,2
12207	C12H26	3,4,4-trimethyl-3-ethylheptane	62198-76-9	6.77654	1507.0061	181.835	79.05	237.39	1,2
12208	C12H26	3,4,4-trimethyl-5-ethylheptane	62198-77-0	6.82763	1514.9258	181.835	78.12	233.69	1,2
12209	C12H26	3,4,5-trimethyl-3-ethylheptane	62198-78-1	6.82763	1514.9258	181.835	78.12	233.69	1,2
12210	C12H26	3,4,5-trimethyl-4-ethylheptane	62198-79-2	6.83164	1528.3189	181.835	80.24	236.91	1,2
12211	C12H26	2,2-dimethyl-3-tert-butylhexane	62199-76-2	6.71504	1448.7046	181.835	71.65	228.19	1,2
12212	C12H26	2-methyl-3-ethyl-3-isopropylhexane	62199-77-3	6.87515	1525.1780	181.835	77.76	231.12	1,2
12213	C12H26	2-methyl-4-ethyl-3-isopropylhexane	62199-78-4	6.91626	1500.5214	181.835	71.79	219.97	1,2
12214	C12H26	2,2,3-trimethyl-3-isopropylhexane	62199-79-5	6.72159	1470.3855	181.835	75.15	233.56	1,2
12215	C12H26	2,2,4-trimethyl-3-isopropylhexane	62199-80-8	6.75993	1438.5120	181.835	67.91	220.20	1,2
12216	C12H26	2,2,5-trimethyl-3-isopropylhexane	62199-81-9	6.74712	1398.9664	181.835	61.59	210.55	1,2
12217	C12H26	2,2,5-trimethyl-4-isopropylhexane	62199-82-0	6.74712	1398.9664	181.835	61.59	210.55	1,2
12218	C12H26	2,3,4-trimethyl-3-isopropylhexane	62199-83-1	6.78020	1504.5193	181.835	78.45	236.28	1,2
12219	C12H26	2,3,5-trimethyl-3-isopropylhexane	62199-84-2	6.76683	1460.5012	181.835	71.42	225.56	1,2
12220	C12H26	2,3,5-trimethyl-4-isopropylhexane	62199-85-3	6.81606	1463.2624	181.835	69.75	220.80	1,2
12221	C12H26	2,4,4-trimethyl-3-isopropylhexane	62199-86-4	6.76409	1451.7039	181.835	70.02	223.41	1,2
12222	C12H26	3,3,4-triethylhexane	62199-87-5	6.88335	1552.3259	181.835	82.02	237.54	1,2
12223	C12H26	2,2-dimethyl,3,3-diethylhexane	62199-88-6	6.76997	1485.0157	181.835	75.53	232.03	1,2
12224	C12H26	2,2-dimethyl-3,4-diethylhexane	62199-89-7	6.81105	1461.4007	181.835	69.65	220.84	1,2
12225	C12H26	2,2-dimethyl-4,4-diethylhexane	62184-89-8	6.76997	1485.0157	181.835	75.53	232.03	1,2
12226	C12H26	2,3-dimethyl-3,4-diethylhexane	62184-90-1	6.83031	1523.8540	181.835	79.53	235.83	1,2
12227	C12H26	2,3-dimethyl-4,4-diethylhexane	62184-91-2	6.83031	1523.8540	181.835	79.53	235.83	1,2
12228	C12H26	2,4-dimethyl-3,3-diethylhexane	62184-92-3	6.82492	1505.9996	181.835	76.71	231.55	1,2
12229	C12H26	2,4-dimethyl-3,4-diethylhexane	62184-93-4	6.82492	1505.9996	181.835	76.71	231.55	1,2
12230	C12H26	2,5-dimethyl-3,3-diethylhexane	62184-94-5	6.81105	1461.4007	181.835	69.65	220.84	1,2
12231	C12H26	2,5-dimethyl-3,4-diethylhexane	62184-95-6	6.86607	1481.8601	181.835	70.78	220.38	1,2
12232	C12H26	3,3-dimethyl-4,4-diethylhexane	62184-96-7	6.78299	1529.0088	181.835	82.56	242.75	1,2
12233	C12H26	3,4-dimethyl-3,4-diethylhexane	62184-97-8	6.78299	1529.0088	181.835	82.56	242.75	1,2
12234	C12H26	2,2,3,3-tetramethyl-4-ethylhexane	62184-98-9	6.72159	1470.3855	181.835	75.15	233.56	1,2
12235	C12H26	2,2,3,4-tetramethyl-3-ethylhexane	62184-99-0	6.72546	1483.4001	181.835	77.25	236.78	1,2
12236	C12H26	2,2,3,4-tetramethyl-4-ethylhexane	62185-00-6	6.73054	1500.7598	181.835	80.05	241.07	1,2
12237	C12H26	2,2,3,5-tetramethyl-3-ethylhexane	62185-01-7	6.71238	1440.0358	181.835	70.26	226.05	1,2
12238	C12H26	2,2,3,5-tetramethyl-4-ethylhexane	62185-02-8	6.76271	1447.3061	181.835	69.32	222.34	1,2
12239	C12H26	2,2,4,4-tetramethyl-3-ethylhexane	62185-03-9	6.72029	1466.0483	181.835	74.45	232.48	1,2
12240	C12H26	2,2,4,5-tetramethyl-3-ethylhexane	62185-04-0	6.76132	1442.9087	181.835	68.61	221.27	1,2

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mmHg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
12241	C12H26	2,2,4,5-tetramethyl-4-ethylhexane	62185-05-1	6.71636	1453.0397	181.835	72.35	229.26	1,2
12242	C12H26	2,2,5,5-tetramethyl-3-ethylhexane	62185-06-2	6.69309	1379.4142	181.835	60.46	211.02	1,2
12243	C12H26	2,3,3,4-tetramethyl-4-ethylhexane	62185-07-3	6.73054	1500.7598	181.835	80.05	241.07	1,2
12244	C12H26	2,3,3,5-tetramethyl-4-ethylhexane	62185-08-4	6.77090	1473.7012	181.835	73.53	228.77	1,2
12245	C12H26	2,3,4,4-tetramethyl-3-ethylhexane	62185-09-5	6.73054	1500.7598	181.835	80.05	241.07	1,2
12246	C12H26	2,3,4,5-tetramethyl-3-ethylhexane	62185-10-8	6.77625	1491.3085	181.835	76.34	233.06	1,2
12247	C12H26	2,4-dimethyl-3-ethyl-3-isopropylpentane	62185-16-4	6.78280	1513.3291	181.835	79.86	238.42	1,2
12248	C12H26	2,2,4-trimethyl-3,3-diethylpentane	62185-15-3	6.72801	1492.0790	181.835	78.65	238.92	1,2
12249	C12H26	2,2,3,4-tetramethyl-3-isopropylpentane	62185-17-5	6.67599	1464.3136	181.835	76.15	237.24	1,2
12250	C12H26	2,2,4,4-tetramethyl-3-isopropylpentane	62185-18-6	6.66317	1421.5438	181.835	69.18	226.50	1,2
12251	C12H26	2,2,3,4,4-pentamethyl-3-ethylpentane	66576-21-4	6.63414	1485.6985	181.835	81.86	248.52	1,2
12252	C12H26F6O4Si4	2,2,4,4,6,8-hexa-methyl-6,8-bis-(3,3,3-trifluoropropyl)-cyclotetrasiloxane	15445-52-0	6.21953	1175.2200	116.180	107.85	270.70	3
12253	C12H26O	1-dodecanol	112-53-8	8.09507	2313.9698	182.728	143.41	288.24	1,2
12254	C12H26O	2-dodecanol	10203-28-8	8.06981	2262.1850	186.008	133.97	276.80	1,2
12255	C12H26O	3-dodecanol	10203-30-2	7.52283	2044.2063	189.516	123.88	281.39	2
12256	C12H26O	4-dodecanol	10203-32-4	7.75808	2139.5094	187.815	128.77	279.71	2
12257	C12H26O	5-dodecanol	10203-33-5	7.75808	2139.5094	187.815	128.77	279.71	2
12258	C12H26O	6-dodecanol	6836-38-0	7.75808	2139.5094	187.815	128.77	279.71	2
12259	C12H26O	2-methylundecanol	10522-26-6	7.75808	2139.5094	187.815	128.77	279.71	2
12260	C12H26O	3-methylundecanol	---	7.75808	2139.5094	187.815	128.77	279.71	2
12261	C12H26O	4-methylundecanol	---	7.75808	2139.5094	187.815	128.77	279.71	2
12262	C12H26O	5-methylundecanol	---	7.75808	2139.5094	187.815	128.77	279.71	2
12263	C12H26O	6-methylundecanol	---	7.75808	2139.5094	187.815	128.77	279.71	2
12264	C12H26O	7-methylundecanol	---	7.75808	2139.5094	187.815	128.77	279.71	2
12265	C12H26O	8-methylundecanol	---	7.75808	2139.5094	187.815	128.77	279.71	2
12266	C12H26O	9-methylundecanol	---	7.75808	2139.5094	187.815	128.77	279.71	2
12267	C12H26O	10-methylundecanol	---	7.75808	2139.5094	187.815	128.77	279.71	2
12268	C12H26O	2,2-dimethyldodecanol	---	7.33030	1966.0784	191.012	119.57	282.92	2
12269	C12H26O	2,3-dimethyldodecanol	---	7.51606	2041.4606	189.567	123.73	281.44	2
12270	C12H26O	2,4-dimethyldodecanol	---	7.51606	2041.4606	189.567	123.73	281.44	2
12271	C12H26O	2,5-dimethyldodecanol	---	7.51606	2041.4606	189.567	123.73	281.44	2
12272	C12H26O	2,6-dimethyldodecanol	---	7.51606	2041.4606	189.567	123.73	281.44	2
12273	C12H26O	2,7-dimethyldodecanol	---	7.51606	2041.4606	189.567	123.73	281.44	2
12274	C12H26O	3,3-dimethyldodecanol	---	7.51606	2041.4606	189.567	123.73	281.44	2
12275	C12H26O	3,4-dimethyldodecanol	---	7.51606	2041.4606	189.567	123.73	281.44	2
12276	C12H26O	3,5-dimethyldodecanol	---	7.51606	2041.4606	189.567	123.73	281.44	2
12277	C12H26O	3,6-dimethyldodecanol	---	7.51606	2041.4606	189.567	123.73	281.44	2
12278	C12H26O	3,7-dimethyldodecanol	---	7.51606	2041.4606	189.567	123.73	281.44	2
12279	C12H26O	3,8-dimethyldodecanol	---	7.51606	2041.4606	189.567	123.73	281.44	2
12280	C12H26O	2-ethyldecanol	---	7.75808	2139.5094	187.815	128.77	279.71	2
12281	C12H26O	3-ethyldecanol	---	7.75808	2139.5094	187.815	128.77	279.71	2
12282	C12H26O	4-ethyldecanol	---	7.75808	2139.5094	187.815	128.77	279.71	2
12283	C12H26O	5-ethyldecanol	---	7.75808	2139.5094	187.815	128.77	279.71	2
12284	C12H26O	6-ethyldecanol	---	7.75808	2139.5094	187.815	128.77	279.71	2
12285	C12H26O	7-ethyldecanol	---	7.75808	2139.5094	187.815	128.77	279.71	2
12286	C12H26O	8-ethyldecanol	---	7.75808	2139.5094	187.815	128.77	279.71	2
12287	C12H26O	9-ethyldecanol	---	7.75808	2139.5094	187.815	128.77	279.71	2
12288	C12H26O	2-methyl-1-undecanol	10522-26-6	7.52283	2044.2063	189.516	123.88	281.39	2
12289	C12H26O	2-methyl-3-undecanol	60671-36-5	7.52283	2044.2063	189.516	123.88	281.39	2
12290	C12H26O	2-methyl-5-undecanol	33978-71-1	7.52283	2044.2063	189.516	123.88	281.39	2
12291	C12H26O	2-butyl-1-octanol	3913-02-8	7.79835	2155.8057	187.537	129.57	279.44	2
12292	C12H26O	2,6,8-trimethylnonan-4-ol	123-17-1	8.00006	2142.1217	193.445	112.57	251.14	1,2
12293	C12H26O	1-methoxy-undecane	---	8.15380	2171.7672	191.012	112.57	245.79	2
12294	C12H26O	2-methoxy-undecane	---	7.31698	1851.7744	196.572	96.57	251.24	2
12295	C12H26O	3-methoxy-undecane	---	7.31698	1851.7744	196.572	96.57	251.24	2
12296	C12H26O	4-methoxy-undecane	---	7.31698	1851.7744	196.572	96.57	251.24	2
12297	C12H26O	5-methoxy-undecane	---	7.31698	1851.7744	196.572	96.57	251.24	2
12298	C12H26O	6-methoxy-undecane	---	7.31698	1851.7744	196.572	96.57	251.24	2
12299	C12H26O	1-ethoxy-decane	---	7.74854	2017.0317	193.514	105.37	248.17	2
12300	C12H26O	2-ethoxy-decane	---	7.31698	1851.7744	196.572	96.57	251.24	2
12301	C12H26O	3-ethoxy-decane	---	7.31698	1851.7744	196.572	96.57	251.24	2
12302	C12H26O	4-ethoxy-decane	---	7.31698	1851.7744	196.572	96.57	251.24	2
12303	C12H26O	5-ethoxy-decane	---	7.31698	1851.7744	196.572	96.57	251.24	2
12304	C12H26O	1-propoxy-nonane	68920-69-4	7.79963	2036.5613	193.181	106.33	247.84	2
12305	C12H26O	2-propoxy-nonane	---	7.43609	1897.4408	195.683	99.13	250.33	2
12306	C12H26O	3-propoxy-nonane	---	7.43609	1897.4408	195.683	99.13	250.33	2
12307	C12H26O	4-propoxy-nonane	---	7.43609	1897.4408	195.683	99.13	250.33	2
12308	C12H26O	5-propoxy-nonane	---	7.43609	1897.4408	195.683	99.13	250.33	2
12309	C12H26O	1-isopropoxy-nonane	---	7.23082	1818.7114	197.240	94.65	251.94	2
12310	C12H26O	2-isopropoxy-nonane	---	7.12674	1778.7365	198.074	92.25	252.82	2
12311	C12H26O	3-isopropoxy-nonane	---	7.12674	1778.7365	198.074	92.25	252.82	2
12312	C12H26O	4-isopropoxy-nonane	---	7.12674	1778.7365	198.074	92.25	252.82	2
12313	C12H26O	5-isopropoxy-nonane	---	7.12674	1778.7365	198.074	92.25	252.82	2
12314	C12H26O	dihexyl ether	112-58-3	7.49205	1945.3406	193.320	106.33	258.01	1,2
12315	C12H26O2	1,2-dodecanediol	1119-87-5	9.34849	2915.3802	170.440	178.77	302.33	3
12316	C12H26O2	1,3-dodecanediol	39516-24-0	10.07857	3222.4592	167.382	187.57	299.86	3
12317	C12H26O2	1,4-dodecanediol	38146-95-1	11.94214	4003.8843	161.544	204.37	295.50	3
12318	C12H26O2	1,12-dodecanediol	5675-51-4	10.70300	3484.6208	165.158	193.97	298.15	3
12319	C12H26O2	(R)-1,2-dodecanediol	85514-84-7	10.41878	3365.3418	166.131	191.17	298.89	3
12320	C12H26O2	(S)-1,2-dodecanediol	85514-85-8	10.41878	3365.3418	166.131	191.17	298.89	3

Table 1 Vapor Pressure – Organic Compounds

log ₁₀ P = A - B/(T + C) (P - mmHg, T - C)									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
12321	C12H26O3	diethylene glycol dibutyl ether	112-73-2	8.24334	2691.5977	245.877	125.72	285.90	1,2
12322	C12H26S	1-dodecanethiol	112-55-0	7.61818	2152.0712	179.726	145.45	305.38	1,2
12323	C12H26S	2-dodecanethiol	14402-50-7	7.42285	2057.0364	182.339	137.93	302.70	2
12324	C12H26S	3-dodecanethiol	---	7.38629	2041.1084	182.478	137.13	302.99	2
12325	C12H26S	4-dodecanethiol	---	7.36916	2033.9694	182.617	136.73	303.13	2
12326	C12H26S	5-dodecanethiol	---	7.35212	2026.8720	182.756	136.33	303.27	2
12327	C12H26S	6-dodecanethiol	---	7.33519	2019.8156	182.895	135.93	303.42	2
12328	C12H26S	2-methyl-1-undecanethiol	---	7.17124	1951.4382	184.285	131.93	304.87	2
12329	C12H26S	3-methyl-1-undecanethiol	---	7.15537	1944.8115	184.424	131.53	305.02	2
12330	C12H26S	4-methyl-1-undecanethiol	---	7.13958	1938.2218	184.563	131.13	305.17	2
12331	C12H26S	5-methyl-1-undecanethiol	---	7.12389	1931.6689	184.702	130.73	305.32	2
12332	C12H26S	6-methyl-1-undecanethiol	---	7.10828	1925.1523	184.841	130.33	305.46	2
12333	C12H26S	7-methyl-1-undecanethiol	---	7.09277	1918.6719	184.980	129.93	305.61	2
12334	C12H26S	8-methyl-1-undecanethiol	---	7.07734	1912.2273	185.119	129.53	305.76	2
12335	C12H26S	9-methyl-1-undecanethiol	---	7.06200	1905.8181	185.258	129.13	305.91	2
12336	C12H26S	10-methyl-1-undecanethiol	---	7.04675	1899.4441	185.397	128.73	306.06	2
12337	C12H26S	2-methyl-2-undecanethiol	---	6.95700	1861.9230	186.231	126.33	306.97	2
12338	C12H26S	3-methyl-2-undecanethiol	---	6.94233	1855.7873	186.370	125.93	307.13	2
12339	C12H26S	4-methyl-2-undecanethiol	---	6.92774	1849.6844	186.509	125.53	307.28	2
12340	C12H26S	5-methyl-2-undecanethiol	---	6.91323	1843.6142	186.648	125.13	307.43	2
12341	C12H26S	6-methyl-2-undecanethiol	---	6.89881	1837.5764	186.787	124.73	307.59	2
12342	C12H26S	7-methyl-2-undecanethiol	---	6.88446	1831.5706	186.926	124.33	307.74	2
12343	C12H26S	8-methyl-2-undecanethiol	---	6.87019	1825.5967	187.065	123.93	307.90	2
12344	C12H26S	9-methyl-2-undecanethiol	---	6.85599	1819.6544	187.204	123.53	308.05	2
12345	C12H26S	10-methyl-2-undecanethiol	---	6.84188	1813.7434	187.343	123.13	308.21	2
12346	C12H26S	tert-dodecylmercaptan	25103-58-6	6.72799	1766.6241	188.649	119.77	309.53	2
12347	C12H26S	2-thiatridecane	7289-44-3	7.91100	2179.0354	182.642	132.66	278.12	2
12348	C12H26S	3-thiatridecane	19313-61-2	7.86882	2162.1519	182.920	131.86	278.39	2
12349	C12H26S	4-thiatridecane	62103-66-6	7.82721	2145.4899	183.198	131.06	278.66	2
12350	C12H26S	5-thiatridecane	16900-07-5	7.78615	2129.0450	183.476	130.26	278.93	2
12351	C12H26S	6-thiatridecane	---	7.74564	2112.8128	183.754	129.46	279.20	2
12352	C12H26S	7-thiatridecane	6294-31-1	7.36855	1894.6082	192.124	105.37	260.40	1,2
12353	C12H26S	3-methyl-2-thiadodecane	---	7.51336	2019.6612	185.422	124.66	280.85	2
12354	C12H26S	4-methyl-2-thiadodecane	---	7.47636	2004.8071	185.700	123.86	281.13	2
12355	C12H26S	5-methyl-2-thiadodecane	---	7.43982	1990.1351	185.978	123.06	281.41	2
12356	C12H26S	6-methyl-2-thiadodecane	---	7.40374	1975.6418	186.256	122.26	281.70	2
12357	C12H26S	7-methyl-2-thiadodecane	---	7.36811	1961.3240	186.534	121.46	281.98	2
12358	C12H26S	8-methyl-2-thiadodecane	---	7.33291	1947.1783	186.812	120.66	282.27	2
12359	C12H26S	2-methyl-3-thiadodecane	---	7.47636	2004.8071	185.700	123.86	281.13	2
12360	C12H26S	4-methyl-3-thiadodecane	---	7.43982	1990.1351	185.978	123.06	281.41	2
12361	C12H26S	5-methyl-3-thiadodecane	---	7.40374	1975.6418	186.256	122.26	281.70	2
12362	C12H26S	6-methyl-3-thiadodecane	---	7.36811	1961.3240	186.534	121.46	281.98	2
12363	C12H26S	7-methyl-3-thiadodecane	---	7.33291	1947.1783	186.812	120.66	282.27	2
12364	C12H26S	8-methyl-3-thiadodecane	---	7.29815	1933.2016	187.090	119.86	282.56	2
12365	C12H26S2	1,12-dodecanedithiol	33528-63-1	6.05530	1410.8473	97.631	181.45	393.36	2
12366	C12H26S2	1,11-dodecanedithiol	---	6.57889	1901.6588	167.428	173.44	392.37	2
12367	C12H26S2	1,10-dodecanedithiol	---	6.56755	1896.3409	167.567	173.04	392.54	2
12368	C12H26S2	1,9-dodecanedithiol	---	6.55626	1891.0467	167.706	172.64	392.70	2
12369	C12H26S2	1,8-dodecanedithiol	---	6.54503	1885.7759	167.845	172.24	392.87	2
12370	C12H26S2	1,7-dodecanedithiol	---	6.53384	1880.5285	167.984	171.84	393.03	2
12371	C12H26S2	1,6-dodecanedithiol	---	6.52271	1875.3042	168.123	171.44	393.20	2
12372	C12H26S2	1,5-dodecanedithiol	---	6.51163	1870.1029	168.262	171.04	393.37	2
12373	C12H26S2	1,4-dodecanedithiol	---	6.50060	1864.9245	168.401	170.64	393.53	2
12374	C12H26S2	1,3-dodecanedithiol	---	6.48962	1859.7688	168.540	170.24	393.70	2
12375	C12H26S2	1,2-dodecanedithiol	---	6.47869	1854.6356	168.679	169.84	393.87	2
12376	C12H26S2	2,3-dithiatetradecane	---	7.37521	2111.8293	173.079	158.18	330.53	2
12377	C12H26S2	3,4-dithiatetradecane	---	7.34238	2097.6434	173.357	157.38	330.82	2
12378	C12H26S2	4,5-dithiatetradecane	---	7.30992	2083.6155	173.635	156.58	331.11	2
12379	C12H26S2	5,6-dithiatetradecane	---	7.27784	2069.7429	173.913	155.78	331.40	2
12380	C12H26S2	6,7-dithiatetradecane	---	7.24611	2056.0229	174.191	154.98	331.69	2
12381	C12H26S2	7,8-dithiatetradecane	10496-15-8	7.28080	2073.5833	174.469	155.68	331.41	2
12382	C12H26S2	2,4-dithiatetradecane	---	7.72563	2263.0152	170.299	166.18	327.75	2
12383	C12H26S2	3,5-dithiatetradecane	---	7.68866	2247.0870	170.577	165.38	328.02	2
12384	C12H26S2	4,6-dithiatetradecane	---	7.65215	2231.3475	170.855	164.58	328.29	2
12385	C12H26S2	5,7-dithiatetradecane	---	7.61608	2215.7931	171.133	163.78	328.57	2
12386	C12H26S2	6,8-dithiatetradecane	---	7.58043	2200.4207	171.411	162.98	328.85	2
12387	C12H27BO3	tributyl borate	688-74-4	6.73482	1805.5000	234.973	79.86	273.19	3
12388	C12H27In	tributylindium	15676-66-1	8.56900	3055.1000	273.150	130.48	293.96	3
12389	C12H27In	triisobutylindium	6731-23-3	8.81010	3009.0000	273.150	112.12	261.47	3
12390	C12H27N	dodecylamine	124-22-1	8.17100	2285.6620	184.007	134.73	274.12	1,2
12391	C12H27N	methylundecylamine	66553-53-5	7.87538	2136.8845	188.232	122.57	267.05	2
12392	C12H27N	ethyldecylamine	66553-52-4	7.75036	2087.4569	189.066	120.17	267.86	2
12393	C12H27N	dihexylamine	143-16-8	10.68869	2990.0263	189.400	119.21	208.91	1,2
12394	C12H27N	dimethyldodecylamine	1120-24-7	7.73393	2061.2847	190.734	115.37	262.09	1,2
12395	C12H27N	diethyloctylamine	4088-37-3	7.42882	1894.0598	196.850	97.77	249.13	2
12396	C12H27N	tributylamine	102-82-9	8.00741	2068.1825	196.572	98.57	232.02	1,2
12397	C12H27N	triisobutylamine	1116-40-1	7.68580	1894.7386	202.827	80.57	217.86	1,2
12398	C12H27NO	N,N-diisopentylethanolamine	3574-43-4	5.70295	1485.6159	187.120	128.77	402.15	3
12399	C12H36O6Si6	dodecamethylcyclotetrasiloxane	540-97-6	6.80179	1587.0176	159.790	113.75	278.62	3
12400	C13H9N	acridine	260-94-6	7.53291	2619.9580	217.628	183.41	384.51	1,2

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mmHg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
12401	C13H10	fluorene	86-73-7	7.31180	2284.7243	217.575	144.40	335.63	1,2
12402	C13H10O	benzophenone	119-61-9	7.67828	2531.7548	222.727	156.38	340.33	1,2
12403	C13H10O2	phenyl benzoate	93-99-2	7.48761	2469.2268	222.056	158.55	351.41	1,2
12404	C13H10O3	phenyl salicylate	118-55-8	6.44265	1465.7018	97.155	172.14	352.34	3
12405	C13H11Cl	chlorodiphenylmethane	90-99-3	8.05516	3074.4983	273.150	162.63	357.73	3
12406	C13H11ClO2	chlorodiphenoxy-methane	4431-86-1	8.16241	3213.4440	273.150	175.50	372.05	3
12407	C13H12	diphenylmethane	101-81-5	7.33872	2045.7717	197.058	125.68	295.08	1,2
12408	C13H12	1-methylbiphenyl	28652-72-4	7.04641	1842.3451	185.091	119.61	291.64	2
12409	C13H12	3-methylbiphenyl	643-93-6	7.17858	1938.7362	180.254	133.53	304.83	1,2
12410	C13H12	4-methylbiphenyl	644-08-6	7.18560	1932.2238	181.004	131.37	301.60	1,2
12411	C13H12	2-methylbiphenyl	643-58-3	7.00277	1829.6767	185.035	119.77	293.82	1,2
12412	C13H12	methylbiphenyl	28652-72-4	7.31642	1951.6572	182.811	126.17	289.22	2
12413	C13H13N	methyldiphenylamine	552-82-9	7.51483	2305.5929	204.137	149.76	327.97	1,2
12414	C13H14	1-propylnaphthalene	2765-18-6	7.34758	2129.9910	204.003	131.56	307.31	1,2
12415	C13H14	2-propylnaphthalene	2027-19-2	7.29874	2109.4580	202.627	132.27	309.76	1,2
12416	C13H14	1-isopropylnaphthalene	6158-45-8	7.17392	1899.3999	176.580	131.07	299.21	1,2
12417	C13H14	2-isopropylnaphthalene	2027-17-0	7.22203	2005.8285	193.842	128.53	302.63	1,2
12418	C13H14	1-methyl-2-ethylnaphthalene	25607-16-3	7.48730	2143.5046	195.416	135.00	302.44	2
12419	C13H14	1-methyl-3-ethylnaphthalene	17179-41-8	7.29847	1995.8061	181.872	135.00	302.94	2
12420	C13H14	1-methyl-4-ethylnaphthalene	27424-87-9	7.32127	1998.4471	180.146	136.00	302.64	2
12421	C13H14	1-methyl-5-ethylnaphthalene	17057-92-0	7.15374	1900.0432	174.762	134.00	303.61	2
12422	C13H14	1-methyl-6-ethylnaphthalene	17059-53-9	7.18244	1865.1677	163.688	138.00	302.53	2
12423	C13H14	1-methyl-7-ethylnaphthalene	2451-00-5	7.37555	2131.6637	204.350	130.00	303.95	2
12424	C13H14	1-methyl-8-ethylnaphthalene	61886-71-3	7.50507	2189.6610	203.608	133.00	302.88	2
12425	C13H14	---	---	7.37834	2088.1576	194.383	133.00	303.21	2
12426	C13H14	2-methyl-3-ethylnaphthalene	31032-94-7	7.64180	2304.3530	214.100	132.85	302.58	2
12427	C13H14	2-methyl-4-ethylnaphthalene	17057-94-2	7.44139	2138.3676	198.973	133.00	303.04	2
12428	C13H14	2-methyl-5-ethylnaphthalene	---	7.19285	1943.8161	180.881	133.00	303.74	2
12429	C13H14	2-methyl-6-ethylnaphthalene	7372-86-3	7.30283	2069.1200	198.005	130.28	304.09	2
12430	C13H14	2-methyl-7-ethylnaphthalene	17059-55-1	7.30283	2069.1200	198.005	130.28	304.09	2
12431	C13H14	2-methyl-8-ethylnaphthalene	---	7.19285	1943.8161	180.881	133.00	303.74	2
12432	C13H14	1,2,3-trimethylnaphthalene	879-12-9	7.07941	1518.7294	91.815	158.00	297.85	2
12433	C13H14	1,2,4-trimethylnaphthalene	2717-42-2	7.42762	1925.3467	153.543	146.00	299.93	2
12434	C13H14	1,2,5-trimethylnaphthalene	641-91-8	7.64727	2238.9428	199.822	137.00	301.57	2
12435	C13H14	1,2,6-trimethylnaphthalene	3031-05-8	7.30146	1835.1868	145.232	146.00	300.24	2
12436	C13H14	1,2,7-trimethylnaphthalene	486-34-0	7.48279	2086.9071	183.573	138.34	301.65	2
12437	C13H14	1,2,8-trimethylnaphthalene	3876-97-9	7.87004	2360.4511	203.202	140.38	300.29	2
12438	C13H14	1,3,5-trimethylnaphthalene	2131-39-7	7.74311	2229.7329	188.668	142.00	300.17	2
12439	C13H14	1,3,6-trimethylnaphthalene	3031-08-1	7.41225	1960.5976	162.758	143.00	300.70	2
12440	C13H14	1,3,7-trimethylnaphthalene	2131-38-6	7.68828	2289.2402	206.276	136.00	301.72	2
12441	C13H14	1,3,8-trimethylnaphthalene	17057-91-9	8.29590	2938.8703	272.811	130.00	301.85	2
12442	C13H14	1,4,5-trimethylnaphthalene	2131-41-1	7.77645	2256.1245	190.936	142.00	300.10	2
12443	C13H14	1,4,6-trimethylnaphthalene	2131-42-2	7.39995	1997.6621	172.137	140.00	301.45	2
12444	C13H14	1,6,7-trimethylnaphthalene	2245-38-7	7.60679	2189.8131	193.449	138.00	301.43	2
12445	C13H14	2,3,6-trimethylnaphthalene	829-26-5	7.60497	2066.3014	173.840	139.00	293.32	1,2
12446	C13H15ClO3	pentyl 2,4,5-trichloro-phenoxyacetate	120-39-8	6.23662	2174.0421	206.400	208.76	505.29	3
12447	C13H15N	2-butylquinoline	7661-39-4	6.42932	1710.9870	177.668	137.47	349.20	2
12448	C13H15N	a-isobutylquinoline	93-19-6	5.78419	1426.8294	186.935	111.30	361.35	2
12449	C13H16ClO2	pentyl 2,4-dichloro-phenoxyacetate	1917-92-6	7.92019	2722.9300	200.590	192.89	374.07	3
12450	C13H16ClO3	3-methylbutyl 2,4-dichloro-phenoxyacetate	67821-07-2	7.32123	2183.6200	151.080	194.36	376.44	3
12451	C13H18	1-propyl-[1,2,3,4-tetrahydronaphthalene]	66324-83-2	6.75479	1743.5566	184.785	118.19	303.20	2
12452	C13H18	2-propyl-[1,2,3,4-tetrahydronaphthalene]	66324-84-3	6.88568	1797.3476	183.506	121.87	301.76	2
12453	C13H18	1,2,3,4-tetrahydro-1,1,6-trimethylnaphthalene	475-03-6	6.33705	1571.3028	189.344	105.07	308.66	2
12454	C13H18	2,3-dihydro-1,1,4,7-tetramethyl-1H-indene	1078-04-2	6.65925	1704.6886	185.879	115.34	304.34	2
12455	C13H18	2,3-dihydro-1,1,4,6-tetramethyl-1H-indene	941-60-6	6.65925	1704.6886	185.879	115.34	304.34	2
12456	C13H18	1,2,3,4-tetrahydro-2,5,8-trimethylnaphthalene	30316-17-7	6.65925	1704.6886	185.879	115.34	304.34	2
12457	C13H18O2	4-hexylbenzoic acid	21643-38-9	6.07448	1652.4633	182.992	142.65	388.27	2
12458	C13H20	heptylbenzene	1078-71-3	7.25666	1945.8642	198.582	112.42	278.95	1,2
12459	C13H20	1-methyl-2,4-diisopropylbenzene	1460-98-6	7.28984	1842.0564	193.792	99.07	254.62	1,2
12460	C13H20	1-methyl-3,5-diisopropylbenzene	3055-14-9	7.28376	1815.6763	195.877	93.07	246.76	1,2
12461	C13H20	[2-methyl-1-isopropylpropyl]benzene	21777-84-4	7.28718	1830.4485	194.710	96.43	251.16	1,2
12462	C13H20	1,12-tridecadiyne	38628-39-6	6.80050	1769.2753	193.441	111.58	295.49	2
12463	C13H20	(2,4-dimethylpentyl)benzene	54518-00-2	7.28581	1824.5043	195.180	95.08	249.39	1,2
12464	C13H20O	4-heptylphenol	1987-50-4	7.26770	1993.8802	183.270	134.85	304.73	2
12465	C13H20O	2-sec-butyl-6-isopropylphenol	74926-97-9	7.10774	1927.0530	184.660	130.85	306.20	2
12466	C13H20O	o-heptylphenol	5284-22-0	7.10774	1927.0530	184.660	130.85	306.20	2
12467	C13H21N	4-heptylaniline	37529-27-4	7.39764	2053.3224	179.100	141.85	307.95	2
12468	C13H22	dodecahydro-1H-fluorene	5744-03-6	10.59755	4533.1351	341.867	130.45	269.42	3
12469	C13H22ClO4	2,2-bis(chloromethyl)-1,3-propanediol-dibutanoate	900002-10-0	5.61688	1951.4200	240.930	181.74	560.46	3
12470	C13H22O	2-tridecynal	---	6.49433	1805.1631	178.780	149.77	366.18	2
12471	C13H22O	3-tridecynal	---	6.49433	1805.1631	178.780	149.77	366.18	2
12472	C13H22O	4-tridecynal	---	6.49433	1805.1631	178.780	149.77	366.18	2
12473	C13H22O	5-tridecynal	---	6.49433	1805.1631	178.780	149.77	366.18	2
12474	C13H22O	6-tridecynal	---	6.49433	1805.1631	178.780	149.77	366.18	2
12475	C13H22O	7-tridecynal	---	6.49433	1805.1631	178.780	149.77	366.18	2
12476	C13H22O	8-tridecynal	---	6.49433	1805.1631	178.780	149.77	366.18	2
12477	C13H22O	9-tridecynal	---	6.49433	1805.1631	178.780	149.77	366.18	2
12478	C13H22O	10-tridecynal	---	6.49433	1805.1631	178.780	149.77	366.18	2
12479	C13H22O	11-tridecynal	---	6.49433	1805.1631	178.780	149.77	366.18	2
12480	C13H22O	12-tridecynal	---	6.49433	1805.1631	178.780	149.77	366.18	2

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mmHg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
12481	C13H22O	2-methyl-11-dodecynal	---	6.27799	1706.5348	181.560	141.77	369.62	2
12482	C13H22O	3-methyl-11-dodecynal	---	6.27799	1706.5348	181.560	141.77	369.62	2
12483	C13H22O	4-methyl-11-dodecynal	---	6.27799	1706.5348	181.560	141.77	369.62	2
12484	C13H22O	5-methyl-11-dodecynal	---	6.27799	1706.5348	181.560	141.77	369.62	2
12485	C13H22O	6-methyl-11-dodecynal	---	6.27799	1706.5348	181.560	141.77	369.62	2
12486	C13H22O	7-methyl-11-dodecynal	---	6.27799	1706.5348	181.560	141.77	369.62	2
12487	C13H22O	8-methyl-11-dodecynal	---	6.27799	1706.5348	181.560	141.77	369.62	2
12488	C13H22O	9-methyl-11-dodecynal	---	6.27799	1706.5348	181.560	141.77	369.62	2
12489	C13H22O	10-methyl-11-dodecynal	---	6.27799	1706.5348	181.560	141.77	369.62	2
12490	C13H22O	4-methyl-2-dodecynal	---	6.27799	1706.5348	181.560	141.77	369.62	2
12491	C13H22O	5-methyl-2-dodecynal	---	6.27799	1706.5348	181.560	141.77	369.62	2
12492	C13H22O	6-methyl-2-dodecynal	---	6.27799	1706.5348	181.560	141.77	369.62	2
12493	C13H22O	7-methyl-2-dodecynal	---	6.27799	1706.5348	181.560	141.77	369.62	2
12494	C13H22O	8-methyl-2-dodecynal	---	6.27799	1706.5348	181.560	141.77	369.62	2
12495	C13H22O	9-methyl-2-dodecynal	---	6.27799	1706.5348	181.560	141.77	369.62	2
12496	C13H22O	10-methyl-2-dodecynal	---	6.27799	1706.5348	181.560	141.77	369.62	2
12497	C13H22O	11-methyl-2-dodecynal	---	6.27799	1706.5348	181.560	141.77	369.62	2
12498	C13H22O2	2-tridecynoic acid	---	7.71116	2528.8627	153.076	224	405	3
12499	C13H22O2	3-tridecynoic acid	---	7.71116	2528.8627	153.076	224	405	3
12500	C13H22O2	4-tridecynoic acid	---	7.71116	2528.8627	153.076	224	405	3
12501	C13H22O2	5-tridecynoic acid	---	7.71116	2528.8627	153.076	224	405	3
12502	C13H22O2	6-tridecynoic acid	---	7.71116	2528.8627	153.076	224	405	3
12503	C13H22O2	7-tridecynoic acid	---	7.71116	2528.8627	153.076	224	405	3
12504	C13H22O2	8-tridecynoic acid	---	7.71116	2528.8627	153.076	224	405	3
12505	C13H22O2	9-tridecynoic acid	---	7.71116	2528.8627	153.076	224	405	3
12506	C13H22O2	10-tridecynoic acid	---	7.71116	2528.8627	153.076	224	405	3
12507	C13H22O2	11-tridecynoic acid	---	7.71116	2528.8627	153.076	224	405	3
12508	C13H22O2	12-tridecynoic acid	---	7.71116	2528.8627	153.076	224	405	3
12509	C13H22O2	4-methyl-2-dodecynoic acid	---	7.71116	2528.8627	153.076	224	405	3
12510	C13H22O2	5-methyl-2-dodecynoic acid	---	7.71116	2528.8627	153.076	224	405	3
12511	C13H22O2	6-methyl-2-dodecynoic acid	---	7.71116	2528.8627	153.076	224	405	3
12512	C13H22O2	7-methyl-2-dodecynoic acid	---	7.71116	2528.8627	153.076	224	405	3
12513	C13H22O2	8-methyl-2-dodecynoic acid	---	7.71116	2528.8627	153.076	224	405	3
12514	C13H22O2	9-methyl-2-dodecynoic acid	---	7.71116	2528.8627	153.076	224	405	3
12515	C13H22O2	10-methyl-2-dodecynoic acid	---	7.71116	2528.8627	153.076	224	405	3
12516	C13H22O2	11-methyl-2-dodecynoic acid	---	7.71116	2528.8627	153.076	224	405	3
12517	C13H22O2	2-methyl-3-dodecynoic acid	---	7.71116	2528.8627	153.076	224	405	3
12518	C13H22O2	5-methyl-3-dodecynoic acid	---	7.71116	2528.8627	153.076	224	405	3
12519	C13H22O2	6-methyl-3-dodecynoic acid	---	7.71116	2528.8627	153.076	224	405	3
12520	C13H22O2	7-methyl-3-dodecynoic acid	---	7.71116	2528.8627	153.076	224	405	3
12521	C13H22O2	8-methyl-3-dodecynoic acid	---	7.71116	2528.8627	153.076	224	405	3
12522	C13H22O2	9-methyl-3-dodecynoic acid	---	7.71116	2528.8627	153.076	224	405	3
12523	C13H22O2	10-methyl-3-dodecynoic acid	---	7.71116	2528.8627	153.076	224	405	3
12524	C13H22O2	11-methyl-3-dodecynoic acid	---	7.71116	2528.8627	153.076	224	405	3
12525	C13H22O2	2-methyl-4-dodecynoic acid	---	7.71116	2528.8627	153.076	224	405	3
12526	C13H22O2	3-methyl-4-dodecynoic acid	---	7.71116	2528.8627	153.076	224	405	3
12527	C13H22O2	6-methyl-4-dodecynoic acid	---	7.71116	2528.8627	153.076	224	405	3
12528	C13H22O2	7-methyl-4-dodecynoic acid	---	7.71116	2528.8627	153.076	224	405	3
12529	C13H22O2	8-methyl-4-dodecynoic acid	---	7.71116	2528.8627	153.076	224	405	3
12530	C13H22O2	9-methyl-4-dodecynoic acid	---	7.71116	2528.8627	153.076	224	405	3
12531	C13H22O2	10-methyl-4-dodecynoic acid	---	7.71116	2528.8627	153.076	224	405	3
12532	C13H22O2	11-methyl-4-dodecynoic acid	---	7.71116	2528.8627	153.076	224	405	3
12533	C13H22O2	4-ethyl-2-undecynoic acid	---	7.71116	2528.8627	153.076	224	405	3
12534	C13H22O2	5-ethyl-2-undecynoic acid	---	7.71116	2528.8627	153.076	224	405	3
12535	C13H22O2	6-ethyl-2-undecynoic acid	---	7.71116	2528.8627	153.076	224	405	3
12536	C13H22O2	7-ethyl-2-undecynoic acid	---	7.71116	2528.8627	153.076	224	405	3
12537	C13H22O2	8-ethyl-2-undecynoic acid	---	7.71116	2528.8627	153.076	224	405	3
12538	C13H22O2	9-ethyl-2-undecynoic acid	---	7.71116	2528.8627	153.076	224	405	3
12539	C13H22O2	10-ethyl-2-undecynoic acid	---	7.71116	2528.8627	153.076	224	405	3
12540	C13H22S	2-nonylthiophene	---	7.34672	2030.1890	179.670	140.21	307.78	2
12541	C13H22S	3-nonylthiophene	---	7.41515	2058.7754	179.114	141.81	307.21	2
12542	C13H22S	2-isononylthiophene	---	7.18256	1961.5393	181.060	136.21	309.24	2
12543	C13H22S	3-isononylthiophene	---	7.24707	1988.5305	180.504	137.81	308.65	2
12544	C13H22S	2-sec-nonylthiophene	---	7.02759	1896.6422	182.450	132.21	310.73	2
12545	C13H22S	3-sec-nonylthiophene	---	7.08853	1922.1712	181.894	133.81	310.13	2
12546	C13H22S	2-tert-nonylthiophene	---	6.88108	1835.1906	183.840	128.21	312.26	2
12547	C13H22S	3-tert-nonylthiophene	---	6.93872	1859.3760	183.284	129.81	311.64	2
12548	C13H22S	2-methyl-3-octylthiophene	---	7.38073	2044.3989	179.392	141.01	307.50	2
12549	C13H22S	2-methyl-4-octylthiophene	---	7.41515	2058.7754	179.114	141.81	307.21	2
12550	C13H22S	2-methyl-5-octylthiophene	---	7.44999	2073.3217	178.836	142.61	306.93	2
12551	C13H22S	3-methyl-2-octylthiophene	---	7.44999	2073.3217	178.836	142.61	306.93	2
12552	C13H22S	3-methyl-4-octylthiophene	---	7.48525	2088.0407	178.558	143.41	306.65	2
12553	C13H22S	3-methyl-5-octylthiophene	---	7.52094	2102.9358	178.280	144.21	306.37	2
12554	C13H24	1-tridecyne	26186-02-7	7.61499	2008.2294	191.010	112.58	261.99	2
12555	C13H24	2-tridecyne	28467-75-6	8.08372	2191.1678	187.954	121.37	259.05	2
12556	C13H24	3-tridecyne	60186-78-9	7.77705	2071.5438	189.900	115.77	260.90	2
12557	C13H24	4-tridecyne	---	7.77705	2071.5438	189.900	115.77	260.90	2
12558	C13H24	5-tridecyne	60186-80-5	8.50377	2904.9838	283.441	103.70	262.41	2
12559	C13H24	6-tridecyne	42371-66-4	8.57410	2989.4349	291.892	102.80	262.50	2
12560	C13H24	3-methyl-1-dodecyne	---	7.49830	1962.5933	191.846	110.17	262.83	2

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mmHg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
12561	C13H24	4-methyl-1-dodecyne	---	7.49830	1962.5933	191.846	110.17	262.83	2
12562	C13H24	5-methyl-1-dodecyne	---	7.49830	1962.5933	191.846	110.17	262.83	2
12563	C13H24	6-methyl-1-dodecyne	---	7.49830	1962.5933	191.846	110.17	262.83	2
12564	C13H24	7-methyl-1-dodecyne	---	7.49830	1962.5933	191.846	110.17	262.83	2
12565	C13H24	8-methyl-1-dodecyne	---	7.49830	1962.5933	191.846	110.17	262.83	2
12566	C13H24	9-methyl-1-dodecyne	---	7.49830	1962.5933	191.846	110.17	262.83	2
12567	C13H24	10-methyl-1-dodecyne	---	7.49830	1962.5933	191.846	110.17	262.83	2
12568	C13H24	11-methyl-1-dodecyne	---	7.49830	1962.5933	191.846	110.17	262.83	2
12569	C13H24	4-methyl-2-dodecyne	---	7.49830	1962.5933	191.846	110.17	262.83	2
12570	C13H24	5-methyl-2-dodecyne	---	7.49830	1962.5933	191.846	110.17	262.83	2
12571	C13H24	6-methyl-2-dodecyne	---	7.49830	1962.5933	191.846	110.17	262.83	2
12572	C13H24	7-methyl-2-dodecyne	---	7.49830	1962.5933	191.846	110.17	262.83	2
12573	C13H24	8-methyl-2-dodecyne	---	7.49830	1962.5933	191.846	110.17	262.83	2
12574	C13H24	9-methyl-2-dodecyne	---	7.49830	1962.5933	191.846	110.17	262.83	2
12575	C13H24	10-methyl-2-dodecyne	---	7.49830	1962.5933	191.846	110.17	262.83	2
12576	C13H24	11-methyl-2-dodecyne	---	7.49830	1962.5933	191.846	110.17	262.83	2
12577	C13H24	5-methyl-3-dodecyne	---	7.49830	1962.5933	191.846	110.17	262.83	2
12578	C13H24	6-methyl-3-dodecyne	---	7.49830	1962.5933	191.846	110.17	262.83	2
12579	C13H24	7-methyl-3-dodecyne	---	7.49830	1962.5933	191.846	110.17	262.83	2
12580	C13H24	8-methyl-3-dodecyne	---	7.49830	1962.5933	191.846	110.17	262.83	2
12581	C13H24	9-methyl-3-dodecyne	---	7.49830	1962.5933	191.846	110.17	262.83	2
12582	C13H24	10-methyl-3-dodecyne	---	7.49830	1962.5933	191.846	110.17	262.83	2
12583	C13H24	11-methyl-3-dodecyne	---	7.49830	1962.5933	191.846	110.17	262.83	2
12584	C13H24	3,3-dimethyl-1-undecyne	---	7.24383	1862.9222	193.792	104.57	264.83	2
12585	C13H24	3,4-dimethyl-1-undecyne	---	7.24383	1862.9222	193.792	104.57	264.83	2
12586	C13H24	3,5-dimethyl-1-undecyne	---	7.24383	1862.9222	193.792	104.57	264.83	2
12587	C13H24	3,6-dimethyl-1-undecyne	---	7.24383	1862.9222	193.792	104.57	264.83	2
12588	C13H24	3,7-dimethyl-1-undecyne	---	7.24383	1862.9222	193.792	104.57	264.83	2
12589	C13H24	3,8-dimethyl-1-undecyne	---	7.24383	1862.9222	193.792	104.57	264.83	2
12590	C13H24	3,9-dimethyl-1-undecyne	---	7.24383	1862.9222	193.792	104.57	264.83	2
12591	C13H24	3,10-dimethyl-1-undecyne	---	7.24383	1862.9222	193.792	104.57	264.83	2
12592	C13H24	4,4-dimethyl-1-undecyne	---	7.24383	1862.9222	193.792	104.57	264.83	2
12593	C13H24	4,5-dimethyl-1-undecyne	---	7.24383	1862.9222	193.792	104.57	264.83	2
12594	C13H24	4,6-dimethyl-1-undecyne	---	7.24383	1862.9222	193.792	104.57	264.83	2
12595	C13H24	4,7-dimethyl-1-undecyne	---	7.24383	1862.9222	193.792	104.57	264.83	2
12596	C13H24	4,8-dimethyl-1-undecyne	---	7.24383	1862.9222	193.792	104.57	264.83	2
12597	C13H24	4,9-dimethyl-1-undecyne	---	7.24383	1862.9222	193.792	104.57	264.83	2
12598	C13H24	4,10-dimethyl-1-undecyne	---	7.24383	1862.9222	193.792	104.57	264.83	2
12599	C13H24	3-ethyl-1-undecyne	---	7.49830	1962.5933	191.846	110.17	262.83	2
12600	C13H24	4-ethyl-1-undecyne	---	7.49830	1962.5933	191.846	110.17	262.83	2
12601	C13H24	5-ethyl-1-undecyne	---	7.49830	1962.5933	191.846	110.17	262.83	2
12602	C13H24	6-ethyl-1-undecyne	---	7.49830	1962.5933	191.846	110.17	262.83	2
12603	C13H24	7-ethyl-1-undecyne	---	7.49830	1962.5933	191.846	110.17	262.83	2
12604	C13H24	8-ethyl-1-undecyne	---	7.49830	1962.5933	191.846	110.17	262.83	2
12605	C13H24	9-ethyl-1-undecyne	---	7.49830	1962.5933	191.846	110.17	262.83	2
12606	C13H24	10-ethyl-1-undecyne	---	7.49830	1962.5933	191.846	110.17	262.83	2
12607	C13H24	3-octylcyclopentene	66324-48-9	7.39760	1938.0433	195.887	107.05	263.83	2
12608	C13H24	dicyclohexylmethane	3178-23-2	6.88272	1755.3789	185.786	112.61	288.53	1,2
12609	C13H24	1-octylcyclopentene	52315-44-3	7.30866	1891.3955	193.970	105.84	264.35	2
12610	C13H24Cl4	1,1,1,13-tetrachlorotridecane	3922-33-6	11.26457	4551.2540	258.091	185.30	304.99	3
12611	C13H24O	2-tridecyn-1-ol	---	7.96451	2414.7751	171.763	175	333	3
12612	C13H24O	3-tridecyn-1-ol	---	7.96451	2414.7751	171.763	175	333	3
12613	C13H24O	4-tridecyn-1-ol	---	7.96451	2414.7751	171.763	175	333	3
12614	C13H24O	5-tridecyn-1-ol	---	7.96451	2414.7751	171.763	175	333	3
12615	C13H24O	6-tridecyn-1-ol	---	7.96451	2414.7751	171.763	175	333	3
12616	C13H24O	7-tridecyn-1-ol	---	7.96451	2414.7751	171.763	175	333	3
12617	C13H24O	8-tridecyn-1-ol	---	7.96451	2414.7751	171.763	175	333	3
12618	C13H24O	9-tridecyn-1-ol	---	7.96451	2414.7751	171.763	175	333	3
12619	C13H24O	10-tridecyn-1-ol	---	7.96451	2414.7751	171.763	175	333	3
12620	C13H24O	11-tridecyn-1-ol	---	7.96451	2414.7751	171.763	175	333	3
12621	C13H24O	12-tridecyn-1-ol	---	7.96451	2414.7751	171.763	175	333	3
12622	C13H24O	3-tridecyn-2-ol	---	7.96451	2414.7751	171.763	175	333	3
12623	C13H24O	4-tridecyn-2-ol	---	7.96451	2414.7751	171.763	175	333	3
12624	C13H24O	5-tridecyn-2-ol	---	7.96451	2414.7751	171.763	175	333	3
12625	C13H24O	6-tridecyn-2-ol	---	7.96451	2414.7751	171.763	175	333	3
12626	C13H24O	7-tridecyn-2-ol	---	7.96451	2414.7751	171.763	175	333	3
12627	C13H24O	8-tridecyn-2-ol	---	7.96451	2414.7751	171.763	175	333	3
12628	C13H24O	9-tridecyn-2-ol	---	7.96451	2414.7751	171.763	175	333	3
12629	C13H24O	10-tridecyn-2-ol	---	7.96451	2414.7751	171.763	175	333	3
12630	C13H24O	11-tridecyn-2-ol	---	7.96451	2414.7751	171.763	175	333	3
12631	C13H24O	12-tridecyn-2-ol	---	7.96451	2414.7751	171.763	175	333	3
12632	C13H24O	4-tridecyn-3-ol	---	7.96451	2414.7751	171.763	175	333	3
12633	C13H24O	5-tridecyn-3-ol	---	7.96451	2414.7751	171.763	175	333	3
12634	C13H24O	6-tridecyn-3-ol	---	7.96451	2414.7751	171.763	175	333	3
12635	C13H24O	7-tridecyn-3-ol	---	7.96451	2414.7751	171.763	175	333	3
12636	C13H24O	8-tridecyn-3-ol	---	7.96451	2414.7751	171.763	175	333	3
12637	C13H24O	9-tridecyn-3-ol	---	7.96451	2414.7751	171.763	175	333	3
12638	C13H24O	10-tridecyn-3-ol	---	7.96451	2414.7751	171.763	175	333	3
12639	C13H24O	11-tridecyn-3-ol	---	7.96451	2414.7751	171.763	175	333	3
12640	C13H24O	12-tridecyn-3-ol	---	7.96451	2414.7751	171.763	175	333	3

Table 1 Vapor Pressure – Organic Compounds

log ₁₀ P = A - B/(T + C) (P - mmHg, T - C)									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
12641	C13H24O	5-tridecyn-4-ol	---	7.96451	2414.7751	171.763	175	333	3
12642	C13H24O	6-tridecyn-4-ol	---	7.96451	2414.7751	171.763	175	333	3
12643	C13H24O	7-tridecyn-4-ol	---	7.96451	2414.7751	171.763	175	333	3
12644	C13H24O	8-tridecyn-4-ol	---	7.96451	2414.7751	171.763	175	333	3
12645	C13H24O	9-tridecyn-4-ol	---	7.96451	2414.7751	171.763	175	333	3
12646	C13H24O	10-tridecyn-4-ol	---	7.96451	2414.7751	171.763	175	333	3
12647	C13H24O	11-tridecyn-4-ol	---	7.96451	2414.7751	171.763	175	333	3
12648	C13H24O	12-tridecyn-4-ol	---	7.96451	2414.7751	171.763	175	333	3
12649	C13H24O	6-tridecyn-5-ol	---	7.96451	2414.7751	171.763	175	333	3
12650	C13H24O	7-tridecyn-5-ol	---	7.96451	2414.7751	171.763	175	333	3
12651	C13H24O	8-tridecyn-5-ol	---	7.96451	2414.7751	171.763	175	333	3
12652	C13H24O	9-tridecyn-5-ol	---	7.96451	2414.7751	171.763	175	333	3
12653	C13H24O	10-tridecyn-5-ol	---	7.96451	2414.7751	171.763	175	333	3
12654	C13H24O	11-tridecyn-5-ol	---	7.96451	2414.7751	171.763	175	333	3
12655	C13H24O	12-tridecyn-5-ol	---	7.96451	2414.7751	171.763	175	333	3
12656	C13H24O	1-methyl-2-dodecyn-1-ol	---	7.96451	2414.7751	171.763	175	333	3
12657	C13H24O	4-methyl-2-dodecyn-1-ol	---	7.96451	2414.7751	171.763	175	333	3
12658	C13H24O	5-methyl-2-dodecyn-1-ol	---	7.96451	2414.7751	171.763	175	333	3
12659	C13H24O	6-methyl-2-dodecyn-1-ol	---	7.96451	2414.7751	171.763	175	333	3
12660	C13H24O	7-methyl-2-dodecyn-1-ol	---	7.96451	2414.7751	171.763	175	333	3
12661	C13H24O	8-methyl-2-dodecyn-1-ol	---	7.96451	2414.7751	171.763	175	333	3
12662	C13H24O	9-methyl-2-dodecyn-1-ol	---	7.96451	2414.7751	171.763	175	333	3
12663	C13H24O	10-methyl-2-dodecyn-1-ol	---	7.96451	2414.7751	171.763	175	333	3
12664	C13H24O	11-methyl-2-dodecyn-1-ol	---	7.96451	2414.7751	171.763	175	333	3
12665	C13H24O	1-methyl-3-dodecyn-1-ol	---	7.96451	2414.7751	171.763	175	333	3
12666	C13H24O	2-methyl-3-dodecyn-1-ol	---	7.96451	2414.7751	171.763	175	333	3
12667	C13H24O	5-methyl-3-dodecyn-1-ol	---	7.96451	2414.7751	171.763	175	333	3
12668	C13H24O	6-methyl-3-dodecyn-1-ol	---	7.96451	2414.7751	171.763	175	333	3
12669	C13H24O	7-methyl-3-dodecyn-1-ol	---	7.96451	2414.7751	171.763	175	333	3
12670	C13H24O	8-methyl-3-dodecyn-1-ol	---	7.96451	2414.7751	171.763	175	333	3
12671	C13H24O	9-methyl-3-dodecyn-1-ol	---	7.96451	2414.7751	171.763	175	333	3
12672	C13H24O	10-methyl-3-dodecyn-1-ol	---	7.96451	2414.7751	171.763	175	333	3
12673	C13H24O	11-methyl-3-dodecyn-1-ol	---	7.96451	2414.7751	171.763	175	333	3
12674	C13H24O	1-methyl-4-dodecyn-1-ol	---	7.96451	2414.7751	171.763	175	333	3
12675	C13H24O	2-methyl-4-dodecyn-1-ol	---	7.96451	2414.7751	171.763	175	333	3
12676	C13H24O	3-methyl-4-dodecyn-1-ol	---	7.96451	2414.7751	171.763	175	333	3
12677	C13H24O	6-methyl-4-dodecyn-1-ol	---	7.96451	2414.7751	171.763	175	333	3
12678	C13H24O	7-methyl-4-dodecyn-1-ol	---	7.96451	2414.7751	171.763	175	333	3
12679	C13H24O	8-methyl-4-dodecyn-1-ol	---	7.96451	2414.7751	171.763	175	333	3
12680	C13H24O	9-methyl-4-dodecyn-1-ol	---	7.96451	2414.7751	171.763	175	333	3
12681	C13H24O	10-methyl-4-dodecyn-1-ol	---	7.96451	2414.7751	171.763	175	333	3
12682	C13H24O	11-methyl-4-dodecyn-1-ol	---	7.96451	2414.7751	171.763	175	333	3
12683	C13H24O	1-methyl-5-dodecyn-1-ol	---	7.96451	2414.7751	171.763	175	333	3
12684	C13H24O	2-methyl-5-dodecyn-1-ol	---	7.96451	2414.7751	171.763	175	333	3
12685	C13H24O	3-methyl-5-dodecyn-1-ol	---	7.96451	2414.7751	171.763	175	333	3
12686	C13H24O	4-methyl-5-dodecyn-1-ol	---	7.96451	2414.7751	171.763	175	333	3
12687	C13H24O	7-methyl-5-dodecyn-1-ol	---	7.96451	2414.7751	171.763	175	333	3
12688	C13H24O	8-methyl-5-dodecyn-1-ol	---	7.96451	2414.7751	171.763	175	333	3
12689	C13H24O	9-methyl-5-dodecyn-1-ol	---	7.96451	2414.7751	171.763	175	333	3
12690	C13H24O	10-methyl-5-dodecyn-1-ol	---	7.96451	2414.7751	171.763	175	333	3
12691	C13H24O	1-methyl-6-dodecyn-1-ol	---	7.96451	2414.7751	171.763	175	333	3
12692	C13H24O	2-methyl-6-dodecyn-1-ol	---	7.96451	2414.7751	171.763	175	333	3
12693	C13H24O	3-methyl-6-dodecyn-1-ol	---	7.96451	2414.7751	171.763	175	333	3
12694	C13H24O	4-methyl-6-dodecyn-1-ol	---	7.96451	2414.7751	171.763	175	333	3
12695	C13H24O	5-methyl-6-dodecyn-1-ol	---	7.96451	2414.7751	171.763	175	333	3
12696	C13H24O	8-methyl-6-dodecyn-1-ol	---	7.96451	2414.7751	171.763	175	333	3
12697	C13H24O	9-methyl-6-dodecyn-1-ol	---	7.96451	2414.7751	171.763	175	333	3
12698	C13H24O	10-methyl-6-dodecyn-1-ol	---	7.96451	2414.7751	171.763	175	333	3
12699	C13H24O	11-methyl-6-dodecyn-1-ol	---	7.96451	2414.7751	171.763	175	333	3
12700	C13H24O	1-methyl-7-dodecyn-1-ol	---	7.96451	2414.7751	171.763	175	333	3
12701	C13H24O	2-methyl-7-dodecyn-1-ol	---	7.96451	2414.7751	171.763	175	333	3
12702	C13H24O	3-methyl-7-dodecyn-1-ol	---	7.96451	2414.7751	171.763	175	333	3
12703	C13H24O	4-methyl-7-dodecyn-1-ol	---	7.96451	2414.7751	171.763	175	333	3
12704	C13H24O	5-methyl-7-dodecyn-1-ol	---	7.96451	2414.7751	171.763	175	333	3
12705	C13H24O	6-methyl-7-dodecyn-1-ol	---	7.96451	2414.7751	171.763	175	333	3
12706	C13H24O	1-methyl-8-dodecyn-1-ol	---	7.96451	2414.7751	171.763	175	333	3
12707	C13H24O	2-methyl-8-dodecyn-1-ol	---	7.96451	2414.7751	171.763	175	333	3
12708	C13H24O	3-methyl-8-dodecyn-1-ol	---	7.96451	2414.7751	171.763	175	333	3
12709	C13H24O	4-methyl-8-dodecyn-1-ol	---	7.96451	2414.7751	171.763	175	333	3
12710	C13H24O	5-methyl-8-dodecyn-1-ol	---	7.96451	2414.7751	171.763	175	333	3
12711	C13H24O	6-methyl-8-dodecyn-1-ol	---	7.96451	2414.7751	171.763	175	333	3
12712	C13H24O	7-methyl-8-dodecyn-1-ol	---	7.96451	2414.7751	171.763	175	333	3
12713	C13H24O	1-methyl-9-dodecyn-1-ol	---	7.96451	2414.7751	171.763	175	333	3
12714	C13H24O	2-methyl-9-dodecyn-1-ol	---	7.96451	2414.7751	171.763	175	333	3
12715	C13H24O	3-methyl-9-dodecyn-1-ol	---	7.96451	2414.7751	171.763	175	333	3
12716	C13H24O	4-methyl-9-dodecyn-1-ol	---	7.96451	2414.7751	171.763	175	333	3
12717	C13H24O	5-methyl-9-dodecyn-1-ol	---	7.96451	2414.7751	171.763	175	333	3
12718	C13H24O	6-methyl-9-dodecyn-1-ol	---	7.96451	2414.7751	171.763	175	333	3
12719	C13H24O	7-methyl-9-dodecyn-1-ol	---	7.96451	2414.7751	171.763	175	333	3
12720	C13H24O	1-methyl-10-dodecyn-1-ol	---	7.96451	2414.7751	171.763	175	333	3

Table 1 Vapor Pressure – Organic Compounds

log ₁₀ P = A - B/(T + C) (P - mmHg, T - C)									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
12721	C13H24O	2-methyl-10-dodecyn-1-ol	---	7.96451	2414.7751	171.763	175	333	3
12722	C13H24O	3-methyl-10-dodecyn-1-ol	---	7.96451	2414.7751	171.763	175	333	3
12723	C13H24O	4-methyl-10-dodecyn-1-ol	---	7.96451	2414.7751	171.763	175	333	3
12724	C13H24O	5-methyl-10-dodecyn-1-ol	---	7.96451	2414.7751	171.763	175	333	3
12725	C13H24O	6-methyl-10-dodecyn-1-ol	---	7.96451	2414.7751	171.763	175	333	3
12726	C13H24O	7-methyl-10-dodecyn-1-ol	---	7.96451	2414.7751	171.763	175	333	3
12727	C13H24O	1-methyl-11-dodecyn-1-ol	---	7.96451	2414.7751	171.763	175	333	3
12728	C13H24O	2-methyl-11-dodecyn-1-ol	---	7.96451	2414.7751	171.763	175	333	3
12729	C13H24O	3-methyl-11-dodecyn-1-ol	---	7.96451	2414.7751	171.763	175	333	3
12730	C13H24O	4-methyl-11-dodecyn-1-ol	---	7.96451	2414.7751	171.763	175	333	3
12731	C13H24O	5-methyl-11-dodecyn-1-ol	---	7.96451	2414.7751	171.763	175	333	3
12732	C13H24O	6-methyl-11-dodecyn-1-ol	---	7.96451	2414.7751	171.763	175	333	3
12733	C13H24O	7-methyl-11-dodecyn-1-ol	---	7.96451	2414.7751	171.763	175	333	3
12734	C13H24O	2-tridecenal	7069-41-2	7.05700	1937.6116	180.726	139.17	319.28	2
12735	C13H24O	3-tridecenal	---	7.05700	1937.6116	180.726	139.17	319.28	2
12736	C13H24O	4-tridecenal	---	7.05700	1937.6116	180.726	139.17	319.28	2
12737	C13H24O	5-tridecenal	---	7.05700	1937.6116	180.726	139.17	319.28	2
12738	C13H24O	6-tridecenal	---	7.05700	1937.6116	180.726	139.17	319.28	2
12739	C13H24O	7-tridecenal	---	7.05700	1937.6116	180.726	139.17	319.28	2
12740	C13H24O	8-tridecenal	---	7.05700	1937.6116	180.726	139.17	319.28	2
12741	C13H24O	9-tridecenal	---	7.05700	1937.6116	180.726	139.17	319.28	2
12742	C13H24O	10-tridecenal	---	7.05700	1937.6116	180.726	139.17	319.28	2
12743	C13H24O	11-tridecenal	---	7.05700	1937.6116	180.726	139.17	319.28	2
12744	C13H24O	12-tridecenal	---	7.05700	1937.6116	180.726	139.17	319.28	2
12745	C13H24O	2-methyl-2-dodecenal	---	6.77274	1816.5447	183.506	131.17	322.37	2
12746	C13H24O	3-methyl-2-dodecenal	---	6.77274	1816.5447	183.506	131.17	322.37	2
12747	C13H24O	4-methyl-2-dodecenal	---	6.77274	1816.5447	183.506	131.17	322.37	2
12748	C13H24O	5-methyl-2-dodecenal	---	6.77274	1816.5447	183.506	131.17	322.37	2
12749	C13H24O	6-methyl-2-dodecenal	---	6.77274	1816.5447	183.506	131.17	322.37	2
12750	C13H24O	7-methyl-2-dodecenal	---	6.77274	1816.5447	183.506	131.17	322.37	2
12751	C13H24O	8-methyl-2-dodecenal	---	6.77274	1816.5447	183.506	131.17	322.37	2
12752	C13H24O	9-methyl-2-dodecenal	---	6.77274	1816.5447	183.506	131.17	322.37	2
12753	C13H24O	10-methyl-2-dodecenal	---	6.77274	1816.5447	183.506	131.17	322.37	2
12754	C13H24O	11-methyl-2-dodecenal	---	6.77274	1816.5447	183.506	131.17	322.37	2
12755	C13H24O	2-methyl-3-dodecenal	---	6.77274	1816.5447	183.506	131.17	322.37	2
12756	C13H24O	3-methyl-3-dodecenal	---	6.77274	1816.5447	183.506	131.17	322.37	2
12757	C13H24O	4-methyl-3-dodecenal	---	6.77274	1816.5447	183.506	131.17	322.37	2
12758	C13H24O	5-methyl-3-dodecenal	---	6.77274	1816.5447	183.506	131.17	322.37	2
12759	C13H24O	6-methyl-3-dodecenal	---	6.77274	1816.5447	183.506	131.17	322.37	2
12760	C13H24O	7-methyl-3-dodecenal	---	6.77274	1816.5447	183.506	131.17	322.37	2
12761	C13H24O	8-methyl-3-dodecenal	---	6.77274	1816.5447	183.506	131.17	322.37	2
12762	C13H24O	9-methyl-3-dodecenal	---	6.77274	1816.5447	183.506	131.17	322.37	2
12763	C13H24O	10-methyl-3-dodecenal	---	6.77274	1816.5447	183.506	131.17	322.37	2
12764	C13H24O	11-methyl-3-dodecenal	---	6.77274	1816.5447	183.506	131.17	322.37	2
12765	C13H24O	2-methyl-4-dodecenal	---	6.77274	1816.5447	183.506	131.17	322.37	2
12766	C13H24O	3-methyl-4-dodecenal	---	6.77274	1816.5447	183.506	131.17	322.37	2
12767	C13H24O	4-methyl-4-dodecenal	---	6.77274	1816.5447	183.506	131.17	322.37	2
12768	C13H24O	5-methyl-4-dodecenal	---	6.77274	1816.5447	183.506	131.17	322.37	2
12769	C13H24O	6-methyl-4-dodecenal	---	6.77274	1816.5447	183.506	131.17	322.37	2
12770	C13H24O	7-methyl-4-dodecenal	---	6.77274	1816.5447	183.506	131.17	322.37	2
12771	C13H24O	8-methyl-4-dodecenal	---	6.77274	1816.5447	183.506	131.17	322.37	2
12772	C13H24O	9-methyl-4-dodecenal	---	6.77274	1816.5447	183.506	131.17	322.37	2
12773	C13H24O	10-methyl-4-dodecenal	---	6.77274	1816.5447	183.506	131.17	322.37	2
12774	C13H24O	11-methyl-4-dodecenal	---	6.77274	1816.5447	183.506	131.17	322.37	2
12775	C13H24O	2-methyl-5-dodecenal	---	6.77274	1816.5447	183.506	131.17	322.37	2
12776	C13H24O	3-methyl-5-dodecenal	---	6.77274	1816.5447	183.506	131.17	322.37	2
12777	C13H24O	4-methyl-5-dodecenal	---	6.77274	1816.5447	183.506	131.17	322.37	2
12778	C13H24O	5-methyl-5-dodecenal	---	6.77274	1816.5447	183.506	131.17	322.37	2
12779	C13H24O	6-methyl-5-dodecenal	---	6.77274	1816.5447	183.506	131.17	322.37	2
12780	C13H24O	7-methyl-5-dodecenal	---	6.77274	1816.5447	183.506	131.17	322.37	2
12781	C13H24O	8-methyl-5-dodecenal	---	6.77274	1816.5447	183.506	131.17	322.37	2
12782	C13H24O	9-methyl-5-dodecenal	---	6.77274	1816.5447	183.506	131.17	322.37	2
12783	C13H24O	10-methyl-5-dodecenal	---	6.77274	1816.5447	183.506	131.17	322.37	2
12784	C13H24O	11-methyl-5-dodecenal	---	6.77274	1816.5447	183.506	131.17	322.37	2
12785	C13H24O	2-methyl-6-dodecenal	---	6.77274	1816.5447	183.506	131.17	322.37	2
12786	C13H24O	3-methyl-6-dodecenal	---	6.77274	1816.5447	183.506	131.17	322.37	2
12787	C13H24O	4-methyl-6-dodecenal	---	6.77274	1816.5447	183.506	131.17	322.37	2
12788	C13H24O	5-methyl-6-dodecenal	---	6.77274	1816.5447	183.506	131.17	322.37	2
12789	C13H24O	6-methyl-6-dodecenal	---	6.77274	1816.5447	183.506	131.17	322.37	2
12790	C13H24O	7-methyl-6-dodecenal	---	6.77274	1816.5447	183.506	131.17	322.37	2
12791	C13H24O	8-methyl-6-dodecenal	---	6.77274	1816.5447	183.506	131.17	322.37	2
12792	C13H24O	9-methyl-6-dodecenal	---	6.77274	1816.5447	183.506	131.17	322.37	2
12793	C13H24O	10-methyl-6-dodecenal	---	6.77274	1816.5447	183.506	131.17	322.37	2
12794	C13H24O	11-methyl-6-dodecenal	---	6.77274	1816.5447	183.506	131.17	322.37	2
12795	C13H24O	2-methyl-7-dodecenal	---	6.77274	1816.5447	183.506	131.17	322.37	2
12796	C13H24O	3-methyl-7-dodecenal	---	6.77274	1816.5447	183.506	131.17	322.37	2
12797	C13H24O	4-methyl-7-dodecenal	---	6.77274	1816.5447	183.506	131.17	322.37	2
12798	C13H24O	5-methyl-7-dodecenal	---	6.77274	1816.5447	183.506	131.17	322.37	2
12799	C13H24O	6-methyl-7-dodecenal	---	6.77274	1816.5447	183.506	131.17	322.37	2
12800	C13H24O	7-methyl-7-dodecenal	---	6.77274	1816.5447	183.506	131.17	322.37	2

Table 1 Vapor Pressure – Organic Compounds

log ₁₀ P = A - B/(T + C) (P - mmHg, T - C)									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
12801	C13H24O	8-methyl-7-dodecenal	---	6.77274	1816.5447	183.506	131.17	322.37	2
12802	C13H24O	9-methyl-7-dodecenal	---	6.77274	1816.5447	183.506	131.17	322.37	2
12803	C13H24O	10-methyl-7-dodecenal	---	6.77274	1816.5447	183.506	131.17	322.37	2
12804	C13H24O	11-methyl-7-dodecenal	---	6.77274	1816.5447	183.506	131.17	322.37	2
12805	C13H24O	2-methyl-8-dodecenal	---	6.77274	1816.5447	183.506	131.17	322.37	2
12806	C13H24O	3-methyl-8-dodecenal	---	6.77274	1816.5447	183.506	131.17	322.37	2
12807	C13H24O	4-methyl-8-dodecenal	---	6.77274	1816.5447	183.506	131.17	322.37	2
12808	C13H24O	5-methyl-8-dodecenal	---	6.77274	1816.5447	183.506	131.17	322.37	2
12809	C13H24O	6-methyl-8-dodecenal	---	6.77274	1816.5447	183.506	131.17	322.37	2
12810	C13H24O	7-methyl-8-dodecenal	---	6.77274	1816.5447	183.506	131.17	322.37	2
12811	C13H24O	8-methyl-8-dodecenal	---	6.77274	1816.5447	183.506	131.17	322.37	2
12812	C13H24O	9-methyl-8-dodecenal	---	6.77274	1816.5447	183.506	131.17	322.37	2
12813	C13H24O	10-methyl-8-dodecenal	---	6.77274	1816.5447	183.506	131.17	322.37	2
12814	C13H24O	11-methyl-8-dodecenal	---	6.77274	1816.5447	183.506	131.17	322.37	2
12815	C13H24O	2-methyl-9-dodecenal	---	6.77274	1816.5447	183.506	131.17	322.37	2
12816	C13H24O	3-methyl-9-dodecenal	---	6.77274	1816.5447	183.506	131.17	322.37	2
12817	C13H24O	4-methyl-9-dodecenal	---	6.77274	1816.5447	183.506	131.17	322.37	2
12818	C13H24O	5-methyl-9-dodecenal	---	6.77274	1816.5447	183.506	131.17	322.37	2
12819	C13H24O	6-methyl-9-dodecenal	---	6.77274	1816.5447	183.506	131.17	322.37	2
12820	C13H24O	7-methyl-9-dodecenal	---	6.77274	1816.5447	183.506	131.17	322.37	2
12821	C13H24O	8-methyl-9-dodecenal	---	6.77274	1816.5447	183.506	131.17	322.37	2
12822	C13H24O	9-methyl-9-dodecenal	---	6.77274	1816.5447	183.506	131.17	322.37	2
12823	C13H24O	10-methyl-9-dodecenal	---	6.77274	1816.5447	183.506	131.17	322.37	2
12824	C13H24O	11-methyl-9-dodecenal	---	6.77274	1816.5447	183.506	131.17	322.37	2
12825	C13H24O	2-methyl-10-dodecenal	---	6.77274	1816.5447	183.506	131.17	322.37	2
12826	C13H24O	3-methyl-10-dodecenal	---	6.77274	1816.5447	183.506	131.17	322.37	2
12827	C13H24O	4-methyl-10-dodecenal	---	6.77274	1816.5447	183.506	131.17	322.37	2
12828	C13H24O	5-methyl-10-dodecenal	---	6.77274	1816.5447	183.506	131.17	322.37	2
12829	C13H24O	6-methyl-10-dodecenal	---	6.77274	1816.5447	183.506	131.17	322.37	2
12830	C13H24O	7-methyl-10-dodecenal	---	6.77274	1816.5447	183.506	131.17	322.37	2
12831	C13H24O	8-methyl-10-dodecenal	---	6.77274	1816.5447	183.506	131.17	322.37	2
12832	C13H24O	9-methyl-10-dodecenal	---	6.77274	1816.5447	183.506	131.17	322.37	2
12833	C13H24O	10-methyl-10-dodecenal	---	6.77274	1816.5447	183.506	131.17	322.37	2
12834	C13H24O	11-methyl-10-dodecenal	---	6.77274	1816.5447	183.506	131.17	322.37	2
12835	C13H24O	2-methyl-11-dodecenal	---	6.77274	1816.5447	183.506	131.17	322.37	2
12836	C13H24O	3-methyl-11-dodecenal	---	6.77274	1816.5447	183.506	131.17	322.37	2
12837	C13H24O	4-methyl-11-dodecenal	---	6.77274	1816.5447	183.506	131.17	322.37	2
12838	C13H24O	5-methyl-11-dodecenal	---	6.77274	1816.5447	183.506	131.17	322.37	2
12839	C13H24O	6-methyl-11-dodecenal	---	6.77274	1816.5447	183.506	131.17	322.37	2
12840	C13H24O	7-methyl-11-dodecenal	---	6.77274	1816.5447	183.506	131.17	322.37	2
12841	C13H24O	8-methyl-11-dodecenal	---	6.77274	1816.5447	183.506	131.17	322.37	2
12842	C13H24O	9-methyl-11-dodecenal	---	6.77274	1816.5447	183.506	131.17	322.37	2
12843	C13H24O	10-methyl-11-dodecenal	---	6.77274	1816.5447	183.506	131.17	322.37	2
12844	C13H24O	11-methyl-11-dodecenal	---	6.77274	1816.5447	183.506	131.17	322.37	2
12845	C13H24O	2,2-dimethyl-2-undecenal	---	6.51690	1707.2381	186.286	123.17	325.62	2
12846	C13H24O	2,3-dimethyl-2-undecenal	---	6.51690	1707.2381	186.286	123.17	325.62	2
12847	C13H24O	2,4-dimethyl-2-undecenal	---	6.51690	1707.2381	186.286	123.17	325.62	2
12848	C13H24O	2,5-dimethyl-2-undecenal	---	6.51690	1707.2381	186.286	123.17	325.62	2
12849	C13H24O	2,6-dimethyl-2-undecenal	---	6.51690	1707.2381	186.286	123.17	325.62	2
12850	C13H24O	2,7-dimethyl-2-undecenal	---	6.51690	1707.2381	186.286	123.17	325.62	2
12851	C13H24O	2,8-dimethyl-2-undecenal	---	6.51690	1707.2381	186.286	123.17	325.62	2
12852	C13H24O	2,9-dimethyl-2-undecenal	---	6.51690	1707.2381	186.286	123.17	325.62	2
12853	C13H24O	2,10-dimethyl-2-undecenal	---	6.51690	1707.2381	186.286	123.17	325.62	2
12854	C13H24O	2,2-dimethyl-3-undecenal	---	6.51690	1707.2381	186.286	123.17	325.62	2
12855	C13H24O	2,3-dimethyl-3-undecenal	---	6.51690	1707.2381	186.286	123.17	325.62	2
12856	C13H24O	2,4-dimethyl-3-undecenal	---	6.51690	1707.2381	186.286	123.17	325.62	2
12857	C13H24O	2,5-dimethyl-3-undecenal	---	6.51690	1707.2381	186.286	123.17	325.62	2
12858	C13H24O	2,6-dimethyl-3-undecenal	---	6.51690	1707.2381	186.286	123.17	325.62	2
12859	C13H24O	2,7-dimethyl-3-undecenal	---	6.51690	1707.2381	186.286	123.17	325.62	2
12860	C13H24O	2,8-dimethyl-3-undecenal	---	6.51690	1707.2381	186.286	123.17	325.62	2
12861	C13H24O	2,9-dimethyl-3-undecenal	---	6.51690	1707.2381	186.286	123.17	325.62	2
12862	C13H24O	2,10-dimethyl-3-undecenal	---	6.51690	1707.2381	186.286	123.17	325.62	2
12863	C13H24O	2,2-dimethyl-4-undecenal	---	6.51690	1707.2381	186.286	123.17	325.62	2
12864	C13H24O	2,3-dimethyl-4-undecenal	---	6.51690	1707.2381	186.286	123.17	325.62	2
12865	C13H24O	2,4-dimethyl-4-undecenal	---	6.51690	1707.2381	186.286	123.17	325.62	2
12866	C13H24O	2,5-dimethyl-4-undecenal	---	6.51690	1707.2381	186.286	123.17	325.62	2
12867	C13H24O	2,6-dimethyl-4-undecenal	---	6.51690	1707.2381	186.286	123.17	325.62	2
12868	C13H24O	2,7-dimethyl-4-undecenal	---	6.51690	1707.2381	186.286	123.17	325.62	2
12869	C13H24O	2,8-dimethyl-4-undecenal	---	6.51690	1707.2381	186.286	123.17	325.62	2
12870	C13H24O	2,9-dimethyl-4-undecenal	---	6.51690	1707.2381	186.286	123.17	325.62	2
12871	C13H24O	2,10-dimethyl-4-undecenal	---	6.51690	1707.2381	186.286	123.17	325.62	2
12872	C13H24O	2,2-dimethyl-5-undecenal	---	6.51690	1707.2381	186.286	123.17	325.62	2
12873	C13H24O	2,3-dimethyl-5-undecenal	---	6.51690	1707.2381	186.286	123.17	325.62	2
12874	C13H24O	2,4-dimethyl-5-undecenal	---	6.51690	1707.2381	186.286	123.17	325.62	2
12875	C13H24O	2,5-dimethyl-5-undecenal	---	6.51690	1707.2381	186.286	123.17	325.62	2
12876	C13H24O	2,6-dimethyl-5-undecenal	---	6.51690	1707.2381	186.286	123.17	325.62	2
12877	C13H24O	2,7-dimethyl-5-undecenal	---	6.51690	1707.2381	186.286	123.17	325.62	2
12878	C13H24O	2,8-dimethyl-5-undecenal	---	6.51690	1707.2381	186.286	123.17	325.62	2
12879	C13H24O	2,9-dimethyl-5-undecenal	---	6.51690	1707.2381	186.286	123.17	325.62	2
12880	C13H24O	2,10-dimethyl-5-undecenal	---	6.51690	1707.2381	186.286	123.17	325.62	2

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C)$ (P - mmHg, T - C)									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
12881	C13H24O	2,2-dimethyl-6-undecenal	---	6.51690	1707.2381	186.286	123.17	325.62	2
12882	C13H24O	2,3-dimethyl-6-undecenal	---	6.51690	1707.2381	186.286	123.17	325.62	2
12883	C13H24O	2,4-dimethyl-6-undecenal	---	6.51690	1707.2381	186.286	123.17	325.62	2
12884	C13H24O	2,5-dimethyl-6-undecenal	---	6.51690	1707.2381	186.286	123.17	325.62	2
12885	C13H24O	2,6-dimethyl-6-undecenal	---	6.51690	1707.2381	186.286	123.17	325.62	2
12886	C13H24O	2,7-dimethyl-6-undecenal	---	6.51690	1707.2381	186.286	123.17	325.62	2
12887	C13H24O	2,8-dimethyl-6-undecenal	---	6.51690	1707.2381	186.286	123.17	325.62	2
12888	C13H24O	2,9-dimethyl-6-undecenal	---	6.51690	1707.2381	186.286	123.17	325.62	2
12889	C13H24O	2,10-dimethyl-6-undecenal	---	6.51690	1707.2381	186.286	123.17	325.62	2
12890	C13H24O	2,2-dimethyl-7-undecenal	---	6.51690	1707.2381	186.286	123.17	325.62	2
12891	C13H24O	2,3-dimethyl-7-undecenal	---	6.51690	1707.2381	186.286	123.17	325.62	2
12892	C13H24O	2,4-dimethyl-7-undecenal	---	6.51690	1707.2381	186.286	123.17	325.62	2
12893	C13H24O	2,5-dimethyl-7-undecenal	---	6.51690	1707.2381	186.286	123.17	325.62	2
12894	C13H24O	2,6-dimethyl-7-undecenal	---	6.51690	1707.2381	186.286	123.17	325.62	2
12895	C13H24O	2,7-dimethyl-7-undecenal	---	6.51690	1707.2381	186.286	123.17	325.62	2
12896	C13H24O	2,8-dimethyl-7-undecenal	---	6.51690	1707.2381	186.286	123.17	325.62	2
12897	C13H24O	2,9-dimethyl-7-undecenal	---	6.51690	1707.2381	186.286	123.17	325.62	2
12898	C13H24O	2,10-dimethyl-7-undecenal	---	6.51690	1707.2381	186.286	123.17	325.62	2
12899	C13H24O	2,2-dimethyl-8-undecenal	---	6.51690	1707.2381	186.286	123.17	325.62	2
12900	C13H24O	2,3-dimethyl-8-undecenal	---	6.51690	1707.2381	186.286	123.17	325.62	2
12901	C13H24O	2,4-dimethyl-8-undecenal	---	6.51690	1707.2381	186.286	123.17	325.62	2
12902	C13H24O	2,5-dimethyl-8-undecenal	---	6.51690	1707.2381	186.286	123.17	325.62	2
12903	C13H24O	2,6-dimethyl-8-undecenal	---	6.51690	1707.2381	186.286	123.17	325.62	2
12904	C13H24O	2,7-dimethyl-8-undecenal	---	6.51690	1707.2381	186.286	123.17	325.62	2
12905	C13H24O	2,8-dimethyl-8-undecenal	---	6.51690	1707.2381	186.286	123.17	325.62	2
12906	C13H24O	2,9-dimethyl-8-undecenal	---	6.51690	1707.2381	186.286	123.17	325.62	2
12907	C13H24O	2,10-dimethyl-8-undecenal	---	6.51690	1707.2381	186.286	123.17	325.62	2
12908	C13H24O	2,2-dimethyl-9-undecenal	---	6.51690	1707.2381	186.286	123.17	325.62	2
12909	C13H24O	2,3-dimethyl-9-undecenal	---	6.51690	1707.2381	186.286	123.17	325.62	2
12910	C13H24O	2,4-dimethyl-9-undecenal	---	6.51690	1707.2381	186.286	123.17	325.62	2
12911	C13H24O	2,5-dimethyl-9-undecenal	---	6.51690	1707.2381	186.286	123.17	325.62	2
12912	C13H24O	2,6-dimethyl-9-undecenal	---	6.51690	1707.2381	186.286	123.17	325.62	2
12913	C13H24O	2,7-dimethyl-9-undecenal	---	6.51690	1707.2381	186.286	123.17	325.62	2
12914	C13H24O	2,8-dimethyl-9-undecenal	---	6.51690	1707.2381	186.286	123.17	325.62	2
12915	C13H24O	2,9-dimethyl-9-undecenal	---	6.51690	1707.2381	186.286	123.17	325.62	2
12916	C13H24O	2,10-dimethyl-9-undecenal	---	6.51690	1707.2381	186.286	123.17	325.62	2
12917	C13H24O	2,2-dimethyl-10-undecenal	---	6.51690	1707.2381	186.286	123.17	325.62	2
12918	C13H24O	2,3-dimethyl-10-undecenal	---	6.51690	1707.2381	186.286	123.17	325.62	2
12919	C13H24O	2,4-dimethyl-10-undecenal	---	6.51690	1707.2381	186.286	123.17	325.62	2
12920	C13H24O	2,5-dimethyl-10-undecenal	---	6.51690	1707.2381	186.286	123.17	325.62	2
12921	C13H24O	2,6-dimethyl-10-undecenal	---	6.51690	1707.2381	186.286	123.17	325.62	2
12922	C13H24O	2,7-dimethyl-10-undecenal	---	6.51690	1707.2381	186.286	123.17	325.62	2
12923	C13H24O	2,8-dimethyl-10-undecenal	---	6.51690	1707.2381	186.286	123.17	325.62	2
12924	C13H24O	2,9-dimethyl-10-undecenal	---	6.51690	1707.2381	186.286	123.17	325.62	2
12925	C13H24O2	ethyl 10-undecenoate	692-86-4	7.62737	2122.1048	182.533	137.67	294.82	1,2
12926	C13H24O2	methyl 11-dodecenoate	29972-79-0	7.68019	2134.3431	182.533	136.97	291.94	2
12927	C13H24O2	isodecyl acrylate	1330-61-6	7.68019	2134.3431	182.533	136.97	291.94	2
12928	C13H24O2	citronellyl propionate	76444-23-0	7.68019	2134.3431	182.533	136.97	291.94	2
12929	C13H24O2	decyl acrylate	2156-96-9	7.68019	2134.3431	182.533	136.97	291.94	2
12930	C13H24O2	undecenyl acetate	112-19-6	7.68019	2134.3431	182.533	136.97	291.94	2
12931	C13H24O2	2-tridecenoic acid	6969-16-0	6.97701	2068.2675	169.467	176.57	375.51	2
12932	C13H24O2	3-tridecenoic acid	---	6.97701	2068.2675	169.467	176.57	375.51	2
12933	C13H24O2	4-tridecenoic acid	---	6.97701	2068.2675	169.467	176.57	375.51	2
12934	C13H24O2	5-tridecenoic acid	---	6.97701	2068.2675	169.467	176.57	375.51	2
12935	C13H24O2	6-tridecenoic acid	---	6.97701	2068.2675	169.467	176.57	375.51	2
12936	C13H24O2	7-tridecenoic acid	---	6.97701	2068.2675	169.467	176.57	375.51	2
12937	C13H24O2	8-tridecenoic acid	---	6.97701	2068.2675	169.467	176.57	375.51	2
12938	C13H24O2	9-tridecenoic acid	---	6.97701	2068.2675	169.467	176.57	375.51	2
12939	C13H24O2	10-tridecenoic acid	---	6.97701	2068.2675	169.467	176.57	375.51	2
12940	C13H24O2	11-tridecenoic acid	---	6.97701	2068.2675	169.467	176.57	375.51	2
12941	C13H24O2	12-tridecenoic acid	6006-06-0	6.97701	2068.2675	169.467	176.57	375.51	2
12942	C13H24O2	2-methyl-2-dodecenoic acid	---	6.77088	1972.8410	171.691	170.17	377.99	2
12943	C13H24O2	3-methyl-2-dodecenoic acid	---	6.77088	1972.8410	171.691	170.17	377.99	2
12944	C13H24O2	4-methyl-2-dodecenoic acid	---	6.77088	1972.8410	171.691	170.17	377.99	2
12945	C13H24O2	5-methyl-2-dodecenoic acid	---	6.77088	1972.8410	171.691	170.17	377.99	2
12946	C13H24O2	6-methyl-2-dodecenoic acid	---	6.77088	1972.8410	171.691	170.17	377.99	2
12947	C13H24O2	7-methyl-2-dodecenoic acid	---	6.77088	1972.8410	171.691	170.17	377.99	2
12948	C13H24O2	8-methyl-2-dodecenoic acid	---	6.77088	1972.8410	171.691	170.17	377.99	2
12949	C13H24O2	9-methyl-2-dodecenoic acid	---	6.77088	1972.8410	171.691	170.17	377.99	2
12950	C13H24O2	10-methyl-2-dodecenoic acid	---	6.77088	1972.8410	171.691	170.17	377.99	2
12951	C13H24O2	11-methyl-2-dodecenoic acid	---	6.77088	1972.8410	171.691	170.17	377.99	2
12952	C13H24O2	2-methyl-3-dodecenoic acid	---	6.77088	1972.8410	171.691	170.17	377.99	2
12953	C13H24O2	3-methyl-3-dodecenoic acid	---	6.77088	1972.8410	171.691	170.17	377.99	2
12954	C13H24O2	4-methyl-3-dodecenoic acid	---	6.77088	1972.8410	171.691	170.17	377.99	2
12955	C13H24O2	5-methyl-3-dodecenoic acid	---	6.77088	1972.8410	171.691	170.17	377.99	2
12956	C13H24O2	6-methyl-3-dodecenoic acid	---	6.77088	1972.8410	171.691	170.17	377.99	2
12957	C13H24O2	7-methyl-3-dodecenoic acid	---	6.77088	1972.8410	171.691	170.17	377.99	2
12958	C13H24O2	8-methyl-3-dodecenoic acid	---	6.77088	1972.8410	171.691	170.17	377.99	2
12959	C13H24O2	9-methyl-3-dodecenoic acid	---	6.77088	1972.8410	171.691	170.17	377.99	2
12960	C13H24O2	10-methyl-3-dodecenoic acid	---	6.77088	1972.8410	171.691	170.17	377.99	2

Table 1 Vapor Pressure – Organic Compounds

log ₁₀ P = A - B/(T + C) (P - mmHg, T - C)									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
12961	C13H24O2	11-methyl-3-dodecenoic acid	---	6.77088	1972.8410	171.691	170.17	377.99	2
12962	C13H24O2	2-methyl-4-dodecenoic acid	---	6.77088	1972.8410	171.691	170.17	377.99	2
12963	C13H24O2	3-methyl-4-dodecenoic acid	---	6.77088	1972.8410	171.691	170.17	377.99	2
12964	C13H24O2	4-methyl-4-dodecenoic acid	---	6.77088	1972.8410	171.691	170.17	377.99	2
12965	C13H24O2	5-methyl-4-dodecenoic acid	---	6.77088	1972.8410	171.691	170.17	377.99	2
12966	C13H24O2	6-methyl-4-dodecenoic acid	---	6.77088	1972.8410	171.691	170.17	377.99	2
12967	C13H24O2	7-methyl-4-dodecenoic acid	---	6.77088	1972.8410	171.691	170.17	377.99	2
12968	C13H24O2	8-methyl-4-dodecenoic acid	---	6.77088	1972.8410	171.691	170.17	377.99	2
12969	C13H24O2	9-methyl-4-dodecenoic acid	---	6.77088	1972.8410	171.691	170.17	377.99	2
12970	C13H24O2	10-methyl-4-dodecenoic acid	---	6.77088	1972.8410	171.691	170.17	377.99	2
12971	C13H24O2	11-methyl-4-dodecenoic acid	---	6.77088	1972.8410	171.691	170.17	377.99	2
12972	C13H24O2	2,3-dimethyl-2-undecenoic acid	---	6.58012	1884.3255	173.915	163.77	380.58	2
12973	C13H24O2	2,4-dimethyl-2-undecenoic acid	---	6.58012	1884.3255	173.915	163.77	380.58	2
12974	C13H24O2	2,5-dimethyl-2-undecenoic acid	---	6.58012	1884.3255	173.915	163.77	380.58	2
12975	C13H24O2	2,6-dimethyl-2-undecenoic acid	---	6.58012	1884.3255	173.915	163.77	380.58	2
12976	C13H24O2	2,7-dimethyl-2-undecenoic acid	---	6.58012	1884.3255	173.915	163.77	380.58	2
12977	C13H24O2	2,8-dimethyl-2-undecenoic acid	---	6.58012	1884.3255	173.915	163.77	380.58	2
12978	C13H24O2	2,9-dimethyl-2-undecenoic acid	---	6.58012	1884.3255	173.915	163.77	380.58	2
12979	C13H24O2	2,10-dimethyl-2-undecenoic acid	---	6.58012	1884.3255	173.915	163.77	380.58	2
12980	C13H24O2	2-ethyl-2-undecenoic acid	---	6.67369	1927.7686	172.803	166.97	379.27	2
12981	C13H24O2	3-ethyl-2-undecenoic acid	---	6.67369	1927.7686	172.803	166.97	379.27	2
12982	C13H24O2	4-ethyl-2-undecenoic acid	---	6.67369	1927.7686	172.803	166.97	379.27	2
12983	C13H24O2	5-ethyl-2-undecenoic acid	---	6.67369	1927.7686	172.803	166.97	379.27	2
12984	C13H24O2	6-ethyl-2-undecenoic acid	---	6.67369	1927.7686	172.803	166.97	379.27	2
12985	C13H24O2	7-ethyl-2-undecenoic acid	---	6.67369	1927.7686	172.803	166.97	379.27	2
12986	C13H24O2	8-ethyl-2-undecenoic acid	---	6.67369	1927.7686	172.803	166.97	379.27	2
12987	C13H24O2	9-ethyl-2-undecenoic acid	---	6.67369	1927.7686	172.803	166.97	379.27	2
12988	C13H24O2	10-ethyl-2-undecenoic acid	---	6.67369	1927.7686	172.803	166.97	379.27	2
12989	C13H24O4	tridecanedioic acid	505-52-2	7.53742	2618.5574	146.827	253.72	454.37	3
12990	C13H25Br	1-bromo-1-tridecene	---	8.03152	2340.1914	175.444	157.37	307.10	2
12991	C13H25Br	cis-1-bromo-1-tridecene	66324-50-3	7.88979	2275.7968	175.444	154.87	307.95	2
12992	C13H25Br	trans-1-bromo-1-tridecene	66324-51-4	7.88979	2275.7968	175.444	154.87	307.95	2
12993	C13H25Br	2-bromo-1-tridecene	---	8.05258	2349.0417	175.305	157.77	306.97	2
12994	C13H25Br	3-bromo-1-tridecene	---	8.07379	2357.9496	175.166	158.17	306.84	2
12995	C13H25Br	4-bromo-1-tridecene	---	8.09513	2366.9155	175.027	158.57	306.71	2
12996	C13H25Br	5-bromo-1-tridecene	---	8.11661	2375.9401	174.888	158.97	306.58	2
12997	C13H25Br	6-bromo-1-tridecene	---	8.13824	2385.0240	174.749	159.37	306.45	2
12998	C13H25Br	7-bromo-1-tridecene	---	8.16001	2394.1677	174.610	159.77	306.32	2
12999	C13H25Br	8-bromo-1-tridecene	---	8.18193	2403.3719	174.471	160.17	306.19	2
13000	C13H25Br	9-bromo-1-tridecene	---	8.20400	2412.6371	174.332	160.57	306.07	2
13001	C13H25Br	10-bromo-1-tridecene	---	8.22622	2421.9641	174.193	160.97	305.94	2
13002	C13H25Br	11-bromo-1-tridecene	---	8.24859	2431.3534	174.054	161.37	305.81	2
13003	C13H25Br	12-bromo-1-tridecene	---	8.27111	2440.8056	173.915	161.77	305.68	2
13004	C13H25Br	13-bromo-1-tridecene	---	8.29379	2450.3215	173.776	162.17	305.56	2
13005	C13H25Br	1-bromo-2-tridecene	---	8.31662	2459.9016	173.637	162.57	305.43	2
13006	C13H25Br	2-bromo-2-tridecene	---	8.33961	2469.5466	173.498	162.97	305.30	2
13007	C13H25Br	3-bromo-2-tridecene	---	8.36276	2479.2573	173.359	163.37	305.18	2
13008	C13H25Br	4-bromo-2-tridecene	---	8.38607	2489.0342	173.220	163.77	305.05	2
13009	C13H25Br	5-bromo-2-tridecene	---	8.40954	2498.8782	173.081	164.17	304.93	2
13010	C13H25Br	6-bromo-2-tridecene	---	8.43318	2508.7898	172.942	164.57	304.80	2
13011	C13H25Br	7-bromo-2-tridecene	---	8.45698	2518.7698	172.803	164.97	304.68	2
13012	C13H25Br	8-bromo-2-tridecene	---	8.48095	2528.8190	172.664	165.37	304.55	2
13013	C13H25Br	9-bromo-2-tridecene	---	8.50509	2538.9380	172.525	165.77	304.43	2
13014	C13H25Br	10-bromo-2-tridecene	---	8.52941	2549.1276	172.386	166.17	304.30	2
13015	C13H25Br	11-bromo-2-tridecene	---	8.55389	2559.3886	172.247	166.57	304.18	2
13016	C13H25Br	12-bromo-2-tridecene	---	8.57855	2569.7216	172.108	166.97	304.06	2
13017	C13H25Br	13-bromo-2-tridecene	---	8.60339	2580.1276	171.969	167.37	303.93	2
13018	C13H25Br3	1,1,1-tribromotridecene	62127-70-2	7.89872	2509.2199	157.652	206.07	374.31	2
13019	C13H25Cl	1-chloro-1-tridecene	---	6.89142	1921.2887	177.946	148.17	339.98	2
13020	C13H25Cl	cis-1-chloro-1-tridecene	66324-52-5	6.89142	1921.2887	177.946	148.17	339.98	2
13021	C13H25Cl	trans-1-chloro-1-tridecene	66324-53-6	6.89142	1921.2887	177.946	148.17	339.98	2
13022	C13H25Cl	2-chloro-1-tridecene	---	6.90240	1926.1027	177.835	148.49	339.86	2
13023	C13H25Cl	3-chloro-1-tridecene	---	6.90791	1928.5171	177.780	148.65	339.79	2
13024	C13H25Cl	4-chloro-1-tridecene	---	6.91343	1930.9364	177.724	148.81	339.73	2
13025	C13H25Cl	5-chloro-1-tridecene	---	6.91896	1933.3607	177.668	148.97	339.67	2
13026	C13H25Cl	6-chloro-1-tridecene	---	6.92451	1935.7899	177.613	149.13	339.61	2
13027	C13H25Cl	7-chloro-1-tridecene	---	6.93006	1938.2241	177.557	149.29	339.55	2
13028	C13H25Cl	8-chloro-1-tridecene	---	6.93563	1940.6632	177.502	149.45	339.49	2
13029	C13H25Cl	9-chloro-1-tridecene	---	6.94121	1943.1074	177.446	149.61	339.43	2
13030	C13H25Cl	10-chloro-1-tridecene	---	6.94680	1945.5566	177.390	149.77	339.36	2
13031	C13H25Cl	11-chloro-1-tridecene	---	6.95240	1948.0109	177.335	149.93	339.30	2
13032	C13H25Cl	12-chloro-1-tridecene	---	6.95802	1950.4702	177.279	150.09	339.24	2
13033	C13H25Cl	13-chloro-1-tridecene	---	6.96364	1952.9345	177.224	150.25	339.18	2
13034	C13H25Cl	1-chloro-2-tridecene	---	6.96928	1955.4040	177.168	150.41	339.12	2
13035	C13H25Cl	2-chloro-2-tridecene	---	6.97493	1957.8786	177.112	150.57	339.06	2
13036	C13H25Cl	3-chloro-2-tridecene	---	6.98059	1960.3583	177.057	150.73	339.00	2
13037	C13H25Cl	4-chloro-2-tridecene	---	6.98627	1962.8431	177.001	150.89	338.94	2
13038	C13H25Cl	5-chloro-2-tridecene	---	6.99195	1965.3331	176.946	151.05	338.88	2
13039	C13H25Cl	6-chloro-2-tridecene	---	6.99765	1967.8282	176.890	151.21	338.81	2
13040	C13H25Cl	7-chloro-2-tridecene	---	7.00336	1970.3286	176.834	151.37	338.75	2

Table 1 Vapor Pressure – Organic Compounds

log ₁₀ P = A - B/(T + C) (P - mmHg, T - C)									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
13041	C13H25Cl	8-chloro-2-tridecene	---	7.00908	1972.8341	176.779	151.53	338.69	2
13042	C13H25Cl	9-chloro-2-tridecene	---	7.01482	1975.3449	176.723	151.69	338.63	2
13043	C13H25Cl	10-chloro-2-tridecene	---	7.02056	1977.8609	176.668	151.85	338.57	2
13044	C13H25Cl	11-chloro-2-tridecene	---	7.02632	1980.3821	176.612	152.01	338.51	2
13045	C13H25Cl	12-chloro-2-tridecene	---	7.03210	1982.9086	176.556	152.17	338.45	2
13046	C13H25Cl	13-chloro-2-tridecene	---	7.03788	1985.4404	176.501	152.33	338.39	2
13047	C13H25Cl3	1,1,1-trichlorotridecene	3922-24-5	7.12191	2095.6546	169.050	173.27	362.83	3
13048	C13H25F	1-fluoro-1-tridecene	---	6.51541	1697.1709	189.344	118.37	319.77	2
13049	C13H25F	cis-1-fluoro-1-tridecene	66324-54-7	6.51541	1697.1709	189.344	118.37	319.77	2
13050	C13H25F	trans-1-fluoro-1-tridecene	66324-55-8	6.51541	1697.1709	189.344	118.37	319.77	2
13051	C13H25F	2-fluoro-1-tridecene	---	6.53996	1707.6170	189.066	119.17	319.44	2
13052	C13H25F	3-fluoro-1-tridecene	---	6.55233	1712.8784	188.927	119.57	319.27	2
13053	C13H25F	4-fluoro-1-tridecene	---	6.56476	1718.1656	188.788	119.97	319.11	2
13054	C13H25F	5-fluoro-1-tridecene	---	6.57725	1723.4788	188.649	120.37	318.94	2
13055	C13H25F	6-fluoro-1-tridecene	---	6.58981	1728.8183	188.510	120.77	318.78	2
13056	C13H25F	7-fluoro-1-tridecene	---	6.60243	1734.1842	188.371	121.17	318.61	2
13057	C13H25F	8-fluoro-1-tridecene	---	6.61512	1739.5768	188.232	121.57	318.45	2
13058	C13H25F	9-fluoro-1-tridecene	---	6.62787	1744.9962	188.093	121.97	318.29	2
13059	C13H25F	10-fluoro-1-tridecene	---	6.64069	1750.4427	187.954	122.37	318.12	2
13060	C13H25F	11-fluoro-1-tridecene	---	6.65357	1755.9164	187.815	122.77	317.96	2
13061	C13H25F	12-fluoro-1-tridecene	---	6.66652	1761.4175	187.676	123.17	317.80	2
13062	C13H25F	13-fluoro-1-tridecene	---	6.67954	1766.9464	187.537	123.57	317.64	2
13063	C13H25F	1-fluoro-2-tridecene	---	6.69263	1772.5032	187.398	123.97	317.48	2
13064	C13H25F	2-fluoro-2-tridecene	---	6.70578	1778.0881	187.259	124.37	317.32	2
13065	C13H25F	3-fluoro-2-tridecene	---	6.71900	1783.7013	187.120	124.77	317.15	2
13066	C13H25F	4-fluoro-2-tridecene	---	6.73229	1789.3431	186.981	125.17	317.00	2
13067	C13H25F	5-fluoro-2-tridecene	---	6.74566	1795.0137	186.842	125.57	316.84	2
13068	C13H25F	6-fluoro-2-tridecene	---	6.75909	1800.7133	186.703	125.97	316.68	2
13069	C13H25F	7-fluoro-2-tridecene	---	6.77259	1806.4421	186.564	126.37	316.52	2
13070	C13H25F	8-fluoro-2-tridecene	---	6.78617	1812.2004	186.425	126.77	316.36	2
13071	C13H25F	9-fluoro-2-tridecene	---	6.79981	1817.9885	186.286	127.17	316.20	2
13072	C13H25F	10-fluoro-2-tridecene	---	6.81353	1823.8065	186.147	127.57	316.04	2
13073	C13H25F	11-fluoro-2-tridecene	---	6.82733	1829.6547	186.008	127.97	315.89	2
13074	C13H25F	12-fluoro-2-tridecene	---	6.84120	1835.5333	185.869	128.37	315.73	2
13075	C13H25F	13-fluoro-2-tridecene	---	6.85514	1841.4426	185.730	128.77	315.58	2
13076	C13H25F3	1,1,1-trifluorotridecene	62126-98-1	6.55056	1653.6154	200.550	97.37	290.32	3
13077	C13H25I	1-iodo-1-tridecene	---	8.99442	2722.5513	172.386	168.17	296.00	2
13078	C13H25I	cis-1-iodo-1-tridecene	66324-56-9	8.99442	2722.5513	172.386	168.17	296.00	3
13079	C13H25I	trans-1-iodo-1-tridecene	66324-57-0	8.99442	2722.5513	172.386	168.17	296.00	3
13080	C13H25I	2-iodo-1-tridecene	---	9.00565	2727.2107	172.331	168.33	295.96	3
13081	C13H25I	3-iodo-1-tridecene	---	9.01691	2731.8843	172.275	168.49	295.91	3
13082	C13H25I	4-iodo-1-tridecene	---	9.02821	2736.5719	172.220	168.65	295.86	3
13083	C13H25I	5-iodo-1-tridecene	---	9.03954	2741.2738	172.164	168.81	295.81	3
13084	C13H25I	6-iodo-1-tridecene	---	9.05091	2745.9899	172.108	168.97	295.77	3
13085	C13H25I	7-iodo-1-tridecene	---	9.06231	2750.7204	172.053	169.13	295.72	3
13086	C13H25I	8-iodo-1-tridecene	---	9.07375	2755.4652	171.997	169.29	295.67	3
13087	C13H25I	9-iodo-1-tridecene	---	9.08522	2760.2245	171.942	169.45	295.63	3
13088	C13H25I	10-iodo-1-tridecene	---	9.09672	2764.9984	171.886	169.61	295.58	3
13089	C13H25I	11-iodo-1-tridecene	---	9.10827	2769.7868	171.830	169.77	295.53	3
13090	C13H25I	12-iodo-1-tridecene	---	9.11985	2774.5899	171.775	169.93	295.49	3
13091	C13H25I	13-iodo-1-tridecene	---	9.13146	2779.4077	171.719	170.09	295.44	3
13092	C13H25I	1-iodo-2-tridecene	---	9.14311	2784.2403	171.664	170.25	295.39	3
13093	C13H25I	2-iodo-2-tridecene	---	9.15480	2789.0878	171.608	170.41	295.34	3
13094	C13H25I	3-iodo-2-tridecene	---	9.16652	2793.9502	171.552	170.57	295.30	3
13095	C13H25I	4-iodo-2-tridecene	---	9.17829	2798.8277	171.497	170.73	295.25	3
13096	C13H25I	5-iodo-2-tridecene	---	9.19008	2803.7202	171.441	170.89	295.20	3
13097	C13H25I	6-iodo-2-tridecene	---	9.20192	2808.6279	171.386	171.05	295.16	3
13098	C13H25I	7-iodo-2-tridecene	---	9.21379	2813.5508	171.330	171.21	295.11	3
13099	C13H25I	8-iodo-2-tridecene	---	9.22570	2818.4890	171.274	171.37	295.07	3
13100	C13H25I	9-iodo-2-tridecene	---	9.23765	2823.4425	171.219	171.53	295.02	3
13101	C13H25I	10-iodo-2-tridecene	---	9.24963	2828.4115	171.163	171.69	294.97	3
13102	C13H25I	11-iodo-2-tridecene	---	9.26165	2833.3961	171.108	171.85	294.93	3
13103	C13H25I	12-iodo-2-tridecene	---	9.27371	2838.3962	171.052	172.01	294.88	3
13104	C13H25I	13-iodo-2-tridecene	---	9.28581	2843.4119	170.996	172.17	294.83	3
13105	C13H25N	tridecanenitrile	629-60-7	7.95304	2279.7660	174.610	153.27	303.21	1,2
13106	C13H26	octylcyclopentane	1795-20-6	7.79846	2060.9582	188.313	114.84	258.11	2
13107	C13H26	heptylcyclohexane	5617-41-4	7.33209	1875.1554	184.413	111.72	267.41	1,2
13108	C13H26	2-butyl-1,1,3-trimethylcyclohexane	54676-39-0	7.30629	1862.4971	190.076	105.26	261.50	2
13109	C13H26	cyclotridecene	295-02-3	7.12596	1872.7153	190.360	115.34	284.45	3
13110	C13H26	1-tridecene	2437-56-1	7.38966	1980.5878	207.417	102.55	263.28	1,2
13111	C13H26	2-tridecene	---	7.87070	2081.4462	191.351	111.59	252.56	2
13112	C13H26	3-tridecene	---	7.87070	2081.4462	191.351	111.59	252.56	2
13113	C13H26	4-tridecene	---	7.87070	2081.4462	191.351	111.59	252.56	2
13114	C13H26	5-tridecene	42714-71-3	7.47060	1940.1330	196.925	102.91	255.45	2
13115	C13H26	6-tridecene	24949-38-0	7.64658	2082.6450	211.219	102.12	255.25	2
13116	C13H26	2-methyl-1-dodecene	16435-49-7	7.38771	1896.6604	195.053	101.87	255.90	2
13117	C13H26	3-methyl-1-dodecene	---	7.79412	2051.9348	191.846	110.17	253.04	2
13118	C13H26	4-methyl-1-dodecene	---	7.79412	2051.9348	191.846	110.17	253.04	2
13119	C13H26	5-methyl-1-dodecene	---	7.79412	2051.9348	191.846	110.17	253.04	2
13120	C13H26	6-methyl-1-dodecene	---	7.79412	2051.9348	191.846	110.17	253.04	2

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mmHg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
13121	C13H26	7-methyl-1-dodecene	---	7.79412	2051.9348	191.846	110.17	253.04	2
13122	C13H26	8-methyl-1-dodecene	---	7.79412	2051.9348	191.846	110.17	253.04	2
13123	C13H26	9-methyl-1-dodecene	---	7.79412	2051.9348	191.846	110.17	253.04	2
13124	C13H26	10-methyl-1-dodecene	---	7.79412	2051.9348	191.846	110.17	253.04	2
13125	C13H26	11-methyl-1-dodecene	---	7.79412	2051.9348	191.846	110.17	253.04	2
13126	C13H26	3-methyl-2-dodecene	---	7.79412	2051.9348	191.846	110.17	253.04	2
13127	C13H26	4-methyl-2-dodecene	---	7.79412	2051.9348	191.846	110.17	253.04	2
13128	C13H26	5-methyl-2-dodecene	---	7.79412	2051.9348	191.846	110.17	253.04	2
13129	C13H26	6-methyl-2-dodecene	---	7.79412	2051.9348	191.846	110.17	253.04	2
13130	C13H26	7-methyl-2-dodecene	---	7.79412	2051.9348	191.846	110.17	253.04	2
13131	C13H26	8-methyl-2-dodecene	---	7.79412	2051.9348	191.846	110.17	253.04	2
13132	C13H26	9-methyl-2-dodecene	---	7.79412	2051.9348	191.846	110.17	253.04	2
13133	C13H26	10-methyl-2-dodecene	---	7.79412	2051.9348	191.846	110.17	253.04	2
13134	C13H26	11-methyl-2-dodecene	---	7.79412	2051.9348	191.846	110.17	253.04	2
13135	C13H26	4-methyl-3-dodecene	---	7.79412	2051.9348	191.846	110.17	253.04	2
13136	C13H26	5-methyl-3-dodecene	---	7.79412	2051.9348	191.846	110.17	253.04	2
13137	C13H26	6-methyl-3-dodecene	---	7.79412	2051.9348	191.846	110.17	253.04	2
13138	C13H26	7-methyl-3-dodecene	---	7.79412	2051.9348	191.846	110.17	253.04	2
13139	C13H26	8-methyl-3-dodecene	---	7.79412	2051.9348	191.846	110.17	253.04	2
13140	C13H26	9-methyl-3-dodecene	---	7.79412	2051.9348	191.846	110.17	253.04	2
13141	C13H26	10-methyl-3-dodecene	---	7.79412	2051.9348	191.846	110.17	253.04	2
13142	C13H26	11-methyl-3-dodecene	---	7.79412	2051.9348	191.846	110.17	253.04	2
13143	C13H26	2,3-dimethyl-1-undecene	---	7.51043	1942.4657	193.792	104.57	254.96	2
13144	C13H26	3,3-dimethyl-1-undecene	---	7.51043	1942.4657	193.792	104.57	254.96	2
13145	C13H26	3,4-dimethyl-1-undecene	---	7.51043	1942.4657	193.792	104.57	254.96	2
13146	C13H26	3,5-dimethyl-1-undecene	---	7.51043	1942.4657	193.792	104.57	254.96	2
13147	C13H26	3,6-dimethyl-1-undecene	---	7.51043	1942.4657	193.792	104.57	254.96	2
13148	C13H26	3,7-dimethyl-1-undecene	---	7.51043	1942.4657	193.792	104.57	254.96	2
13149	C13H26	3,8-dimethyl-1-undecene	---	7.51043	1942.4657	193.792	104.57	254.96	2
13150	C13H26	3,9-dimethyl-1-undecene	---	7.51043	1942.4657	193.792	104.57	254.96	2
13151	C13H26	3,10-dimethyl-1-undecene	---	7.51043	1942.4657	193.792	104.57	254.96	2
13152	C13H26	3,4-dimethyl-1-undecene	---	7.51043	1942.4657	193.792	104.57	254.96	2
13153	C13H26	4,4-dimethyl-1-undecene	---	7.51043	1942.4657	193.792	104.57	254.96	2
13154	C13H26	4,5-dimethyl-1-undecene	---	7.51043	1942.4657	193.792	104.57	254.96	2
13155	C13H26	4,6-dimethyl-1-undecene	---	7.51043	1942.4657	193.792	104.57	254.96	2
13156	C13H26	4,7-dimethyl-1-undecene	---	7.51043	1942.4657	193.792	104.57	254.96	2
13157	C13H26	4,8-dimethyl-1-undecene	---	7.51043	1942.4657	193.792	104.57	254.96	2
13158	C13H26	4,9-dimethyl-1-undecene	---	7.51043	1942.4657	193.792	104.57	254.96	2
13159	C13H26	4,10-dimethyl-1-undecene	---	7.51043	1942.4657	193.792	104.57	254.96	2
13160	C13H26	2-ethyl-1-undecene	---	7.79412	2051.9348	191.846	110.17	253.04	2
13161	C13H26	3-ethyl-1-undecene	---	7.79412	2051.9348	191.846	110.17	253.04	2
13162	C13H26	4-ethyl-1-undecene	---	7.79412	2051.9348	191.846	110.17	253.04	2
13163	C13H26	5-ethyl-1-undecene	---	7.79412	2051.9348	191.846	110.17	253.04	2
13164	C13H26	6-ethyl-1-undecene	---	7.79412	2051.9348	191.846	110.17	253.04	2
13165	C13H26	7-ethyl-1-undecene	---	7.79412	2051.9348	191.846	110.17	253.04	2
13166	C13H26	8-ethyl-1-undecene	---	7.79412	2051.9348	191.846	110.17	253.04	2
13167	C13H26	9-ethyl-1-undecene	---	7.79412	2051.9348	191.846	110.17	253.04	2
13168	C13H26	10-ethyl-1-undecene	---	7.79412	2051.9348	191.846	110.17	253.04	2
13169	C13H26	5-butyl-4-nonene	7367-38-6	7.08056	1772.0290	196.155	95.27	258.36	2
13170	C13H26Br2	1,1-dibromotridecane	62168-30-3	7.91838	2436.1576	165.158	186.97	349.17	2
13171	C13H26Br2	1,2-dibromotridecane	---	7.95674	2453.2949	164.880	187.77	348.91	3
13172	C13H26Br2	1,3-dibromotridecane	---	7.99556	2470.6391	164.602	188.57	348.65	3
13173	C13H26Br2	1,4-dibromotridecane	---	8.03487	2488.1941	164.324	189.37	348.39	3
13174	C13H26Br2	1,5-dibromotridecane	---	8.07467	2505.9638	164.046	190.17	348.12	3
13175	C13H26Br2	1,6-dibromotridecane	---	8.11497	2523.9523	163.768	190.97	347.87	3
13176	C13H26Br2	1,7-dibromotridecane	---	8.15578	2542.1637	163.490	191.77	347.61	3
13177	C13H26Br2	1,8-dibromotridecane	---	8.19710	2560.6023	163.212	192.57	347.35	3
13178	C13H26Br2	1,9-dibromotridecane	---	8.23896	2579.2723	162.934	193.37	347.09	3
13179	C13H26Br2	1,10-dibromotridecane	---	8.28135	2598.1784	162.656	194.17	346.84	3
13180	C13H26Br2	1,11-dibromotridecane	---	8.32430	2617.3250	162.378	194.97	346.59	3
13181	C13H26Br2	1,12-dibromotridecane	---	8.36780	2636.7170	162.100	195.77	346.33	3
13182	C13H26Br2	1,13-dibromotridecane	31772-05-1	8.41188	2656.3590	161.822	196.57	346.08	3
13183	C13H26Br2	2,2-dibromotridecane	---	7.55903	2275.3823	167.938	178.97	351.89	3
13184	C13H26Br2	2,3-dibromotridecane	---	7.59310	2290.6428	167.660	179.77	351.61	3
13185	C13H26Br2	2,4-dibromotridecane	---	7.62756	2306.0764	167.382	180.57	351.34	3
13186	C13H26Br2	2,5-dibromotridecane	---	7.66243	2321.6862	167.104	181.37	351.06	3
13187	C13H26Br2	2,6-dibromotridecane	---	7.69771	2337.4752	166.826	182.17	350.79	3
13188	C13H26Br2	2,7-dibromotridecane	---	7.73340	2353.4467	166.548	182.97	350.52	3
13189	C13H26Br2	2,8-dibromotridecane	---	7.76952	2369.6039	166.270	183.77	350.25	3
13190	C13H26Br2	2,9-dibromotridecane	---	7.80607	2385.9502	165.992	184.57	349.98	3
13191	C13H26Br2	2,10-dibromotridecane	---	7.84305	2402.4889	165.714	185.37	349.71	3
13192	C13H26Br2	2,11-dibromotridecane	---	7.88049	2419.2235	165.436	186.17	349.44	3
13193	C13H26Br2	2,12-dibromotridecane	---	7.91838	2436.1576	165.158	186.97	349.17	3
13194	C13H26Cl2	1,1-dichlorotridecane	821-93-2	7.47370	2188.5968	175.305	162.77	334.64	2
13195	C13H26Cl2	1,2-dichlorotridecane	---	7.27942	2094.7974	175.027	158.57	336.20	2
13196	C13H26Cl2	1,3-dichlorotridecane	---	7.31115	2108.6767	174.749	159.37	335.91	2
13197	C13H26Cl2	1,4-dichlorotridecane	---	7.34324	2122.7097	174.471	160.17	335.62	2
13198	C13H26Cl2	1,5-dichlorotridecane	---	7.37569	2136.8989	174.193	160.97	335.34	2
13199	C13H26Cl2	1,6-dichlorotridecane	---	7.40852	2151.2469	173.915	161.77	335.05	2
13200	C13H26Cl2	1,7-dichlorotridecane	---	7.44173	2165.7566	173.637	162.57	334.77	2

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mmHg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
13201	C13H26Cl2	1,8-dichlorotridecane	---	7.47532	2180.4308	173.359	163.37	334.49	2
13202	C13H26Cl2	1,9-dichlorotridecane	---	7.50931	2195.2722	173.081	164.17	334.21	2
13203	C13H26Cl2	1,10-dichlorotridecane	---	7.54369	2210.2840	172.803	164.97	333.93	2
13204	C13H26Cl2	1,11-dichlorotridecane	---	7.57848	2225.4691	172.525	165.77	333.65	2
13205	C13H26Cl2	1,12-dichlorotridecane	---	7.61368	2240.8306	172.247	166.57	333.37	2
13206	C13H26Cl2	1,13-dichlorotridecane	---	7.64931	2256.3716	171.969	167.37	333.10	2
13207	C13H26Cl2	2,2-dichlorotridecane	---	6.95252	1951.5643	178.085	149.77	339.48	2
13208	C13H26Cl2	2,3-dichlorotridecane	---	6.98066	1963.9121	177.807	150.57	339.17	2
13209	C13H26Cl2	2,4-dichlorotridecane	---	7.00910	1976.3881	177.529	151.37	338.87	2
13210	C13H26Cl2	2,5-dichlorotridecane	---	7.03784	1988.9944	177.251	152.17	338.57	2
13211	C13H26Cl2	2,6-dichlorotridecane	---	7.06690	2001.7331	176.973	152.97	338.27	2
13212	C13H26Cl2	2,7-dichlorotridecane	---	7.09627	2014.6063	176.695	153.77	337.97	2
13213	C13H26Cl2	2,8-dichlorotridecane	---	7.12596	2027.6162	176.417	154.57	337.67	2
13214	C13H26Cl2	2,9-dichlorotridecane	---	7.15598	2040.7651	176.139	155.37	337.37	2
13215	C13H26Cl2	2,10-dichlorotridecane	---	7.18633	2054.0553	175.861	156.17	337.08	2
13216	C13H26Cl2	2,11-dichlorotridecane	---	7.21702	2067.4891	175.583	156.97	336.78	2
13217	C13H26Cl2	2,12-dichlorotridecane	---	7.24804	2081.0690	175.305	157.77	336.49	2
13218	C13H26F2	1,1-difluorotridecane	62127-02-0	6.47902	1696.4501	190.456	119.17	324.06	3
13219	C13H26F2	1,2-difluorotridecane	---	6.50300	1706.7447	190.178	119.97	323.72	3
13220	C13H26F2	1,3-difluorotridecane	---	6.52721	1717.1386	189.900	120.77	323.39	3
13221	C13H26F2	1,4-difluorotridecane	---	6.55166	1727.6334	189.622	121.57	323.06	3
13222	C13H26F2	1,5-difluorotridecane	---	6.57636	1738.2306	189.344	122.37	322.73	3
13223	C13H26F2	1,6-difluorotridecane	---	6.60131	1748.9318	189.066	123.17	322.40	3
13224	C13H26F2	1,7-difluorotridecane	---	6.62651	1759.7385	188.788	123.97	322.07	3
13225	C13H26F2	1,8-difluorotridecane	---	6.65197	1770.6524	188.510	124.77	321.74	3
13226	C13H26F2	1,9-difluorotridecane	---	6.67770	1781.6751	188.232	125.57	321.42	3
13227	C13H26F2	1,10-difluorotridecane	---	6.70369	1792.8084	187.954	126.37	321.10	3
13228	C13H26F2	1,11-difluorotridecane	---	6.72995	1804.0539	187.676	127.17	320.78	3
13229	C13H26F2	1,12-difluorotridecane	---	6.75649	1815.4133	187.398	127.97	320.46	3
13230	C13H26F2	1,13-difluorotridecane	---	6.78330	1826.8886	187.120	128.77	320.14	3
13231	C13H26F2	2,2-difluorotridecane	---	6.25174	1598.6617	193.236	111.17	327.52	3
13232	C13H26F2	2,3-difluorotridecane	---	6.27350	1608.0386	192.958	111.97	327.16	3
13233	C13H26F2	2,4-difluorotridecane	---	6.29547	1617.5014	192.680	112.77	326.81	3
13234	C13H26F2	2,5-difluorotridecane	---	6.31764	1627.0513	192.402	113.57	326.46	3
13235	C13H26F2	2,6-difluorotridecane	---	6.34003	1636.6897	192.124	114.37	326.11	3
13236	C13H26F2	2,7-difluorotridecane	---	6.36264	1646.4178	191.846	115.17	325.77	3
13237	C13H26F2	2,8-difluorotridecane	---	6.38547	1656.2369	191.568	115.97	325.42	3
13238	C13H26F2	2,9-difluorotridecane	---	6.40851	1666.1483	191.290	116.77	325.08	3
13239	C13H26F2	2,10-difluorotridecane	---	6.43179	1676.1533	191.012	117.57	324.74	3
13240	C13H26F2	2,11-difluorotridecane	---	6.45529	1686.2535	190.734	118.37	324.40	3
13241	C13H26F2	2,12-difluorotridecane	---	6.47902	1696.4501	190.456	119.17	324.06	3
13242	C13H26I2	1,1-diiodotridecane	66324-43-4	8.45926	2915.4484	147.200	243.65	405.24	2
13243	C13H26I2	1,2-diiodotridecane	---	8.50083	2935.6109	146.922	244.45	404.99	2
13244	C13H26I2	1,3-diiodotridecane	---	8.54291	2956.0169	146.644	245.25	404.74	2
13245	C13H26I2	1,4-diiodotridecane	---	8.58551	2976.6711	146.366	246.05	404.50	2
13246	C13H26I2	1,5-diiodotridecane	---	8.62864	2997.5781	146.088	246.85	404.25	2
13247	C13H26I2	1,6-diiodotridecane	---	8.67231	3018.7426	145.810	247.65	404.01	2
13248	C13H26I2	1,7-diiodotridecane	---	8.71653	3040.1695	145.532	248.45	403.76	2
13249	C13H26I2	1,8-diiodotridecane	---	8.76131	3061.8638	145.254	249.25	403.52	2
13250	C13H26I2	1,9-diiodotridecane	---	8.80666	3083.8305	144.976	250.05	403.28	2
13251	C13H26I2	1,10-diiodotridecane	---	8.85260	3106.0750	144.698	250.85	403.04	2
13252	C13H26I2	1,11-diiodotridecane	---	8.89913	3128.6027	144.420	251.65	402.80	2
13253	C13H26I2	1,12-diiodotridecane	---	8.94626	3151.4190	144.142	252.45	402.56	2
13254	C13H26I2	1,13-diiodotridecane	---	8.06975	2726.3029	149.980	235.65	407.79	2
13255	C13H26I2	2,2-diiodotridecane	---	8.10668	2744.2552	149.702	236.45	407.53	2
13256	C13H26I2	2,3-diiodotridecane	---	8.14404	2762.4114	149.424	237.25	407.27	2
13257	C13H26I2	2,4-diiodotridecane	---	8.18184	2780.7752	149.146	238.05	407.01	2
13258	C13H26I2	2,5-diiodotridecane	---	8.22008	2799.3500	148.868	238.85	406.75	2
13259	C13H26I2	2,6-diiodotridecane	---	8.25877	2818.1398	148.590	239.65	406.50	2
13260	C13H26I2	2,7-diiodotridecane	---	8.29791	2837.1482	148.312	240.45	406.24	2
13261	C13H26I2	2,8-diiodotridecane	---	8.33753	2856.3792	148.034	241.25	405.99	2
13262	C13H26I2	2,9-diiodotridecane	---	8.37762	2875.8369	147.756	242.05	405.74	2
13263	C13H26I2	2,10-diiodotridecane	---	8.41819	2895.5252	147.478	242.85	405.49	2
13264	C13H26I2	2,11-diiodotridecane	---	8.45926	2915.4484	147.200	243.65	405.24	2
13265	C13H26I2	2,12-diiodotridecane	---	8.50083	2935.6109	146.922	244.45	404.99	2
13266	C13H26O	1-tridecanal	10486-19-8	7.27035	2027.2566	181.838	141.47	314.00	1,2
13267	C13H26O	2-methyldodecanal	37596-36-4	7.42336	2044.0071	184.285	133.93	297.62	2
13268	C13H26O	3-methyldodecanal	10522-20-0	7.42336	2044.0071	184.285	133.93	297.62	2
13269	C13H26O	4-methyldodecanal	---	7.42336	2044.0071	184.285	133.93	297.62	2
13270	C13H26O	5-methyldodecanal	---	7.42336	2044.0071	184.285	133.93	297.62	2
13271	C13H26O	6-methyldodecanal	---	7.42336	2044.0071	184.285	133.93	297.62	2
13272	C13H26O	7-methyldodecanal	---	7.42336	2044.0071	184.285	133.93	297.62	2
13273	C13H26O	8-methyldodecanal	---	7.42336	2044.0071	184.285	133.93	297.62	2
13274	C13H26O	9-methyldodecanal	---	7.42336	2044.0071	184.285	133.93	297.62	2
13275	C13H26O	10-methyldodecanal	---	7.42336	2044.0071	184.285	133.93	297.62	2
13276	C13H26O	11-methyldodecanal	61497-46-9	7.42336	2044.0071	184.285	133.93	297.62	2
13277	C13H26O	2,2-dimethylundecanal	---	7.24676	1970.8548	185.730	129.77	299.11	2
13278	C13H26O	2,3-dimethylundecanal	---	7.24676	1970.8548	185.730	129.77	299.11	2
13279	C13H26O	2,4-dimethylundecanal	---	7.24676	1970.8548	185.730	129.77	299.11	2
13280	C13H26O	2,5-dimethylundecanal	---	7.24676	1970.8548	185.730	129.77	299.11	2

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mmHg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
13281	C13H26O	2,6-dimethylundecanal	---	7.24676	1970.8548	185.730	129.77	299.11	2
13282	C13H26O	2,7-dimethylundecanal	---	7.24676	1970.8548	185.730	129.77	299.11	2
13283	C13H26O	2,8-dimethylundecanal	---	7.24676	1970.8548	185.730	129.77	299.11	2
13284	C13H26O	2,9-dimethylundecanal	---	7.24676	1970.8548	185.730	129.77	299.11	2
13285	C13H26O	2,10-dimethylundecanal	---	7.24676	1970.8548	185.730	129.77	299.11	2
13286	C13H26O	2-tridecanone	593-08-8	7.46358	2043.9152	182.950	133.27	294.41	1,2
13287	C13H26O	3-tridecanone	1534-26-5	7.66232	2118.1594	182.305	135.63	290.45	2
13288	C13H26O	4-tridecanone	26215-90-7	7.48983	2047.6699	183.590	131.93	291.73	2
13289	C13H26O	5-tridecanone	57702-05-3	7.48983	2047.6699	183.590	131.93	291.73	2
13290	C13H26O	6-tridecanone	22026-12-6	7.48983	2047.6699	183.590	131.93	291.73	2
13291	C13H26O	7-tridecanone	462-18-0	7.47500	2040.7665	183.506	131.67	291.85	1,2
13292	C13H26O	3-methyl-2-dodecanone	---	7.39354	2008.2763	184.340	129.77	292.49	2
13293	C13H26O	4-methyl-2-dodecanone	---	7.39354	2008.2763	184.340	129.77	292.49	2
13294	C13H26O	5-methyl-2-dodecanone	---	7.39354	2008.2763	184.340	129.77	292.49	2
13295	C13H26O	6-methyl-2-dodecanone	---	7.39354	2008.2763	184.340	129.77	292.49	2
13296	C13H26O	7-methyl-2-dodecanone	---	7.39354	2008.2763	184.340	129.77	292.49	2
13297	C13H26O	8-methyl-2-dodecanone	---	7.39354	2008.2763	184.340	129.77	292.49	2
13298	C13H26O	9-methyl-2-dodecanone	---	7.39354	2008.2763	184.340	129.77	292.49	2
13299	C13H26O	10-methyl-2-dodecanone	---	7.39354	2008.2763	184.340	129.77	292.49	2
13300	C13H26O	2-methyl-3-dodecanone	6335-06-4	7.39354	2008.2763	184.340	129.77	292.49	2
13301	C13H26O	4-methyl-3-dodecanone	---	7.25658	1952.1932	185.452	126.57	293.64	2
13302	C13H26O	5-methyl-3-dodecanone	---	7.25658	1952.1932	185.452	126.57	293.64	2
13303	C13H26O	6-methyl-3-dodecanone	---	7.25658	1952.1932	185.452	126.57	293.64	2
13304	C13H26O	7-methyl-3-dodecanone	---	7.25658	1952.1932	185.452	126.57	293.64	2
13305	C13H26O	8-methyl-3-dodecanone	---	7.25658	1952.1932	185.452	126.57	293.64	2
13306	C13H26O	9-methyl-3-dodecanone	---	7.25658	1952.1932	185.452	126.57	293.64	2
13307	C13H26O	10-methyl-3-dodecanone	---	7.25658	1952.1932	185.452	126.57	293.64	2
13308	C13H26O	2-methyl-4-dodecanone	---	7.20689	1931.8293	185.869	125.37	294.08	2
13309	C13H26O	3-methyl-4-dodecanone	---	7.20689	1931.8293	185.869	125.37	294.08	2
13310	C13H26O	5-methyl-4-dodecanone	---	7.20689	1931.8293	185.869	125.37	294.08	2
13311	C13H26O	6-methyl-4-dodecanone	---	7.20689	1931.8293	185.869	125.37	294.08	2
13312	C13H26O	7-methyl-4-dodecanone	---	7.20689	1931.8293	185.869	125.37	294.08	2
13313	C13H26O	8-methyl-4-dodecanone	---	7.20689	1931.8293	185.869	125.37	294.08	2
13314	C13H26O	9-methyl-4-dodecanone	---	7.20689	1931.8293	185.869	125.37	294.08	2
13315	C13H26O	10-methyl-4-dodecanone	---	7.20689	1931.8293	185.869	125.37	294.08	2
13316	C13H26O	2-methyl-5-dodecanone	---	7.20689	1931.8293	185.869	125.37	294.08	2
13317	C13H26O	3-methyl-5-dodecanone	---	7.20689	1931.8293	185.869	125.37	294.08	2
13318	C13H26O	4-methyl-5-dodecanone	---	7.20689	1931.8293	185.869	125.37	294.08	2
13319	C13H26O	6-methyl-5-dodecanone	---	7.20689	1931.8293	185.869	125.37	294.08	2
13320	C13H26O	7-methyl-5-dodecanone	---	7.20689	1931.8293	185.869	125.37	294.08	2
13321	C13H26O	8-methyl-5-dodecanone	---	7.20689	1931.8293	185.869	125.37	294.08	2
13322	C13H26O	9-methyl-5-dodecanone	---	7.20689	1931.8293	185.869	125.37	294.08	2
13323	C13H26O	10-methyl-5-dodecanone	---	7.20689	1931.8293	185.869	125.37	294.08	2
13324	C13H26O	2-tridecen-1-ol	6840-25-1	7.18954	2060.4921	177.529	155.37	336.61	2
13325	C13H26O	trans-2-tridecen-1-ol	74962-98-4	7.18954	2060.4921	177.529	155.37	336.61	2
13326	C13H26O	cis-2-tridecen-1-ol	68480-25-1	7.17434	2053.8217	177.668	154.97	336.75	2
13327	C13H26O	3-tridecen-1-ol	---	7.17434	2053.8217	177.668	154.97	336.75	2
13328	C13H26O	trans-3-tridecen-1-ol	---	7.17434	2053.8217	177.668	154.97	336.75	2
13329	C13H26O	4-tridecen-1-ol	---	7.17434	2053.8217	177.668	154.97	336.75	2
13330	C13H26O	5-tridecen-1-ol	---	7.17434	2053.8217	177.668	154.97	336.75	2
13331	C13H26O	6-tridecen-1-ol	---	7.17434	2053.8217	177.668	154.97	336.75	2
13332	C13H26O	7-tridecen-1-ol	---	7.17434	2053.8217	177.668	154.97	336.75	2
13333	C13H26O	8-tridecen-1-ol	---	7.17434	2053.8217	177.668	154.97	336.75	2
13334	C13H26O	9-tridecen-1-ol	---	7.17434	2053.8217	177.668	154.97	336.75	2
13335	C13H26O	10-tridecen-1-ol	---	7.17434	2053.8217	177.668	154.97	336.75	2
13336	C13H26O	11-tridecen-1-ol	---	7.17434	2053.8217	177.668	154.97	336.75	2
13337	C13H26O	12-tridecen-1-ol	---	7.17434	2053.8217	177.668	154.97	336.75	2
13338	C13H26O	1-methyl-2-dodecen-1-ol	---	6.88701	1927.5163	180.448	146.97	339.78	2
13339	C13H26O	2-methyl-2-dodecen-1-ol	---	6.88701	1927.5163	180.448	146.97	339.78	2
13340	C13H26O	3-methyl-2-dodecen-1-ol	---	6.88701	1927.5163	180.448	146.97	339.78	2
13341	C13H26O	4-methyl-2-dodecen-1-ol	---	6.88701	1927.5163	180.448	146.97	339.78	2
13342	C13H26O	5-methyl-2-dodecen-1-ol	---	6.88701	1927.5163	180.448	146.97	339.78	2
13343	C13H26O	6-methyl-2-dodecen-1-ol	---	6.88701	1927.5163	180.448	146.97	339.78	2
13344	C13H26O	7-methyl-2-dodecen-1-ol	---	6.88701	1927.5163	180.448	146.97	339.78	2
13345	C13H26O	8-methyl-2-dodecen-1-ol	---	6.88701	1927.5163	180.448	146.97	339.78	2
13346	C13H26O	9-methyl-2-dodecen-1-ol	---	6.88701	1927.5163	180.448	146.97	339.78	2
13347	C13H26O	10-methyl-2-dodecen-1-ol	---	6.88701	1927.5163	180.448	146.97	339.78	2
13348	C13H26O	11-methyl-2-dodecen-1-ol	---	6.88701	1927.5163	180.448	146.97	339.78	2
13349	C13H26O	1-methyl-3-dodecen-1-ol	---	6.88701	1927.5163	180.448	146.97	339.78	2
13350	C13H26O	2-methyl-3-dodecen-1-ol	---	6.88701	1927.5163	180.448	146.97	339.78	2
13351	C13H26O	3-methyl-3-dodecen-1-ol	---	6.88701	1927.5163	180.448	146.97	339.78	2
13352	C13H26O	4-methyl-3-dodecen-1-ol	---	6.88701	1927.5163	180.448	146.97	339.78	2
13353	C13H26O	5-methyl-3-dodecen-1-ol	---	6.88701	1927.5163	180.448	146.97	339.78	2
13354	C13H26O	6-methyl-3-dodecen-1-ol	---	6.88701	1927.5163	180.448	146.97	339.78	2
13355	C13H26O	7-methyl-3-dodecen-1-ol	---	6.88701	1927.5163	180.448	146.97	339.78	2
13356	C13H26O	8-methyl-3-dodecen-1-ol	---	6.88701	1927.5163	180.448	146.97	339.78	2
13357	C13H26O	9-methyl-3-dodecen-1-ol	---	6.88701	1927.5163	180.448	146.97	339.78	2
13358	C13H26O	10-methyl-3-dodecen-1-ol	---	6.88701	1927.5163	180.448	146.97	339.78	2
13359	C13H26O	11-methyl-3-dodecen-1-ol	---	6.88701	1927.5163	180.448	146.97	339.78	2
13360	C13H26O	1-methyl-4-dodecen-1-ol	---	6.88701	1927.5163	180.448	146.97	339.78	2

Table 1 Vapor Pressure – Organic Compounds

log ₁₀ P = A - B/(T + C) (P - mmHg, T - C)									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
13361	C13H26O	2-methyl-4-dodecen-1-ol	---	6.88701	1927.5163	180.448	146.97	339.78	2
13362	C13H26O	3-methyl-4-dodecen-1-ol	---	6.88701	1927.5163	180.448	146.97	339.78	2
13363	C13H26O	4-methyl-4-dodecen-1-ol	---	6.88701	1927.5163	180.448	146.97	339.78	2
13364	C13H26O	5-methyl-4-dodecen-1-ol	---	6.88701	1927.5163	180.448	146.97	339.78	2
13365	C13H26O	6-methyl-4-dodecen-1-ol	---	6.88701	1927.5163	180.448	146.97	339.78	2
13366	C13H26O	7-methyl-4-dodecen-1-ol	---	6.88701	1927.5163	180.448	146.97	339.78	2
13367	C13H26O	8-methyl-4-dodecen-1-ol	---	6.88701	1927.5163	180.448	146.97	339.78	2
13368	C13H26O	9-methyl-4-dodecen-1-ol	---	6.88701	1927.5163	180.448	146.97	339.78	2
13369	C13H26O	10-methyl-4-dodecen-1-ol	---	6.88701	1927.5163	180.448	146.97	339.78	2
13370	C13H26O	11-methyl-4-dodecen-1-ol	---	6.88701	1927.5163	180.448	146.97	339.78	2
13371	C13H26O	1-methyl-5-dodecen-1-ol	---	6.88701	1927.5163	180.448	146.97	339.78	2
13372	C13H26O	2-methyl-5-dodecen-1-ol	---	6.88701	1927.5163	180.448	146.97	339.78	2
13373	C13H26O	3-methyl-5-dodecen-1-ol	---	6.88701	1927.5163	180.448	146.97	339.78	2
13374	C13H26O	4-methyl-5-dodecen-1-ol	---	6.88701	1927.5163	180.448	146.97	339.78	2
13375	C13H26O	5-methyl-5-dodecen-1-ol	---	6.88701	1927.5163	180.448	146.97	339.78	2
13376	C13H26O	6-methyl-5-dodecen-1-ol	---	6.88701	1927.5163	180.448	146.97	339.78	2
13377	C13H26O	7-methyl-5-dodecen-1-ol	---	6.88701	1927.5163	180.448	146.97	339.78	2
13378	C13H26O	8-methyl-5-dodecen-1-ol	---	6.88701	1927.5163	180.448	146.97	339.78	2
13379	C13H26O	9-methyl-5-dodecen-1-ol	---	6.88701	1927.5163	180.448	146.97	339.78	2
13380	C13H26O	10-methyl-5-dodecen-1-ol	---	6.88701	1927.5163	180.448	146.97	339.78	2
13381	C13H26O	11-methyl-5-dodecen-1-ol	---	6.88701	1927.5163	180.448	146.97	339.78	2
13382	C13H26O	1-methyl-6-dodecen-1-ol	---	6.88701	1927.5163	180.448	146.97	339.78	2
13383	C13H26O	2-methyl-6-dodecen-1-ol	---	6.88701	1927.5163	180.448	146.97	339.78	2
13384	C13H26O	3-methyl-6-dodecen-1-ol	---	6.88701	1927.5163	180.448	146.97	339.78	2
13385	C13H26O	4-methyl-6-dodecen-1-ol	---	6.88701	1927.5163	180.448	146.97	339.78	2
13386	C13H26O	5-methyl-6-dodecen-1-ol	---	6.88701	1927.5163	180.448	146.97	339.78	2
13387	C13H26O	6-methyl-6-dodecen-1-ol	---	6.88701	1927.5163	180.448	146.97	339.78	2
13388	C13H26O	7-methyl-6-dodecen-1-ol	---	6.88701	1927.5163	180.448	146.97	339.78	2
13389	C13H26O	8-methyl-6-dodecen-1-ol	---	6.88701	1927.5163	180.448	146.97	339.78	2
13390	C13H26O	9-methyl-6-dodecen-1-ol	---	6.88701	1927.5163	180.448	146.97	339.78	2
13391	C13H26O	10-methyl-6-dodecen-1-ol	---	6.88701	1927.5163	180.448	146.97	339.78	2
13392	C13H26O	11-methyl-6-dodecen-1-ol	---	6.88701	1927.5163	180.448	146.97	339.78	2
13393	C13H26O	1-methyl-7-dodecen-1-ol	---	6.88701	1927.5163	180.448	146.97	339.78	2
13394	C13H26O	2-methyl-7-dodecen-1-ol	---	6.88701	1927.5163	180.448	146.97	339.78	2
13395	C13H26O	3-methyl-7-dodecen-1-ol	---	6.88701	1927.5163	180.448	146.97	339.78	2
13396	C13H26O	4-methyl-7-dodecen-1-ol	---	6.88701	1927.5163	180.448	146.97	339.78	2
13397	C13H26O	5-methyl-7-dodecen-1-ol	---	6.88701	1927.5163	180.448	146.97	339.78	2
13398	C13H26O	6-methyl-7-dodecen-1-ol	---	6.88701	1927.5163	180.448	146.97	339.78	2
13399	C13H26O	7-methyl-7-dodecen-1-ol	---	6.88701	1927.5163	180.448	146.97	339.78	2
13400	C13H26O	8-methyl-7-dodecen-1-ol	---	6.88701	1927.5163	180.448	146.97	339.78	2
13401	C13H26O	9-methyl-7-dodecen-1-ol	---	6.88701	1927.5163	180.448	146.97	339.78	2
13402	C13H26O	10-methyl-7-dodecen-1-ol	---	6.88701	1927.5163	180.448	146.97	339.78	2
13403	C13H26O	11-methyl-7-dodecen-1-ol	---	6.88701	1927.5163	180.448	146.97	339.78	2
13404	C13H26O	1-methyl-8-dodecen-1-ol	---	6.88701	1927.5163	180.448	146.97	339.78	2
13405	C13H26O	2-methyl-8-dodecen-1-ol	---	6.88701	1927.5163	180.448	146.97	339.78	2
13406	C13H26O	3-methyl-8-dodecen-1-ol	---	6.88701	1927.5163	180.448	146.97	339.78	2
13407	C13H26O	4-methyl-8-dodecen-1-ol	---	6.88701	1927.5163	180.448	146.97	339.78	2
13408	C13H26O	5-methyl-8-dodecen-1-ol	---	6.88701	1927.5163	180.448	146.97	339.78	2
13409	C13H26O	6-methyl-8-dodecen-1-ol	---	6.88701	1927.5163	180.448	146.97	339.78	2
13410	C13H26O	7-methyl-8-dodecen-1-ol	---	6.88701	1927.5163	180.448	146.97	339.78	2
13411	C13H26O	8-methyl-8-dodecen-1-ol	---	6.88701	1927.5163	180.448	146.97	339.78	2
13412	C13H26O	9-methyl-8-dodecen-1-ol	---	6.88701	1927.5163	180.448	146.97	339.78	2
13413	C13H26O	10-methyl-8-dodecen-1-ol	---	6.88701	1927.5163	180.448	146.97	339.78	2
13414	C13H26O	11-methyl-8-dodecen-1-ol	---	6.88701	1927.5163	180.448	146.97	339.78	2
13415	C13H26O	1-methyl-9-dodecen-1-ol	---	6.88701	1927.5163	180.448	146.97	339.78	2
13416	C13H26O	2-methyl-9-dodecen-1-ol	---	6.88701	1927.5163	180.448	146.97	339.78	2
13417	C13H26O	3-methyl-9-dodecen-1-ol	---	6.88701	1927.5163	180.448	146.97	339.78	2
13418	C13H26O	4-methyl-9-dodecen-1-ol	---	6.88701	1927.5163	180.448	146.97	339.78	2
13419	C13H26O	5-methyl-9-dodecen-1-ol	---	6.88701	1927.5163	180.448	146.97	339.78	2
13420	C13H26O	6-methyl-9-dodecen-1-ol	---	6.88701	1927.5163	180.448	146.97	339.78	2
13421	C13H26O	7-methyl-9-dodecen-1-ol	---	6.88701	1927.5163	180.448	146.97	339.78	2
13422	C13H26O	8-methyl-9-dodecen-1-ol	---	6.88701	1927.5163	180.448	146.97	339.78	2
13423	C13H26O	9-methyl-9-dodecen-1-ol	---	6.88701	1927.5163	180.448	146.97	339.78	2
13424	C13H26O	10-methyl-9-dodecen-1-ol	---	6.88701	1927.5163	180.448	146.97	339.78	2
13425	C13H26O	11-methyl-9-dodecen-1-ol	---	6.88701	1927.5163	180.448	146.97	339.78	2
13426	C13H26O	1-methyl-10-dodecen-1-ol	---	6.88701	1927.5163	180.448	146.97	339.78	2
13427	C13H26O	2-methyl-10-dodecen-1-ol	---	6.88701	1927.5163	180.448	146.97	339.78	2
13428	C13H26O	3-methyl-10-dodecen-1-ol	---	6.88701	1927.5163	180.448	146.97	339.78	2
13429	C13H26O	4-methyl-10-dodecen-1-ol	---	6.88701	1927.5163	180.448	146.97	339.78	2
13430	C13H26O	5-methyl-10-dodecen-1-ol	---	6.88701	1927.5163	180.448	146.97	339.78	2
13431	C13H26O	6-methyl-10-dodecen-1-ol	---	6.88701	1927.5163	180.448	146.97	339.78	2
13432	C13H26O	7-methyl-10-dodecen-1-ol	---	6.88701	1927.5163	180.448	146.97	339.78	2
13433	C13H26O	8-methyl-10-dodecen-1-ol	---	6.88701	1927.5163	180.448	146.97	339.78	2
13434	C13H26O	9-methyl-10-dodecen-1-ol	---	6.88701	1927.5163	180.448	146.97	339.78	2
13435	C13H26O	10-methyl-10-dodecen-1-ol	---	6.88701	1927.5163	180.448	146.97	339.78	2
13436	C13H26O	11-methyl-10-dodecen-1-ol	---	6.88701	1927.5163	180.448	146.97	339.78	2
13437	C13H26O2	tridecanoic acid	638-53-9	7.88823	2386.8190	169.217	177.29	337.93	2
13438	C13H26O2	2-methyldodecanoic acid	2874-74-0	7.67003	2290.6717	170.857	172.57	339.52	2
13439	C13H26O2	3-methyldodecanoic acid	13490-36-3	7.67003	2290.6717	170.857	172.57	339.52	2
13440	C13H26O2	4-methyldodecanoic acid	---	7.67003	2290.6717	170.857	172.57	339.52	2

Table 1 Vapor Pressure – Organic Compounds

log ₁₀ P = A - B/(T + C) (P - mmHg, T - C)									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
13441	C13H26O2	5-methyldodecanoic acid	---	7.67003	2290.6717	170.857	172.57	339.52	2
13442	C13H26O2	6-methyldodecanoic acid	---	7.67003	2290.6717	170.857	172.57	339.52	2
13443	C13H26O2	7-methyldodecanoic acid	---	7.67003	2290.6717	170.857	172.57	339.52	2
13444	C13H26O2	8-methyldodecanoic acid	---	7.67003	2290.6717	170.857	172.57	339.52	2
13445	C13H26O2	9-methyldodecanoic acid	---	7.67003	2290.6717	170.857	172.57	339.52	2
13446	C13H26O2	10-methyldodecanoic acid	7416-57-1	7.67003	2290.6717	170.857	172.57	339.52	2
13447	C13H26O2	11-methyldodecanoic acid	25448-24-2	7.67003	2290.6717	170.857	172.57	339.52	2
13448	C13H26O2	2,2-dimethylundecanoic acid	26403-14-5	7.39747	2170.3496	173.081	166.17	341.75	2
13449	C13H26O2	2,3-dimethylundecanoic acid	---	7.39747	2170.3496	173.081	166.17	341.75	2
13450	C13H26O2	2,4-dimethylundecanoic acid	---	7.39747	2170.3496	173.081	166.17	341.75	2
13451	C13H26O2	2,5-dimethylundecanoic acid	---	7.39747	2170.3496	173.081	166.17	341.75	2
13452	C13H26O2	2,6-dimethylundecanoic acid	---	7.39747	2170.3496	173.081	166.17	341.75	2
13453	C13H26O2	2,7-dimethylundecanoic acid	---	7.39747	2170.3496	173.081	166.17	341.75	2
13454	C13H26O2	2,8-dimethylundecanoic acid	---	7.39747	2170.3496	173.081	166.17	341.75	2
13455	C13H26O2	2,9-dimethylundecanoic acid	---	7.39747	2170.3496	173.081	166.17	341.75	2
13456	C13H26O2	2,10-dimethylundecanoic acid	---	7.39747	2170.3496	173.081	166.17	341.75	2
13457	C13H26O2	2-ethylundecanoic acid	45158-84-7	7.53059	2229.1480	171.969	169.37	340.63	2
13458	C13H26O2	3-ethylundecanoic acid	---	7.53059	2229.1480	171.969	169.37	340.63	2
13459	C13H26O2	4-ethylundecanoic acid	---	7.53059	2229.1480	171.969	169.37	340.63	2
13460	C13H26O2	5-ethylundecanoic acid	---	7.53059	2229.1480	171.969	169.37	340.63	2
13461	C13H26O2	6-ethylundecanoic acid	---	7.53059	2229.1480	171.969	169.37	340.63	2
13462	C13H26O2	7-ethylundecanoic acid	---	7.53059	2229.1480	171.969	169.37	340.63	2
13463	C13H26O2	8-ethylundecanoic acid	---	7.53059	2229.1480	171.969	169.37	340.63	2
13464	C13H26O2	9-ethylundecanoic acid	---	7.53059	2229.1480	171.969	169.37	340.63	2
13465	C13H26O2	dodecyl formate	28303-42-6	9.14079	2696.6233	176.278	154.97	276.26	2
13466	C13H26O2	1-methylundecyl formate	---	8.58373	2472.5095	179.058	146.97	278.65	2
13467	C13H26O2	2-methylundecyl formate	---	8.58373	2472.5095	179.058	146.97	278.65	2
13468	C13H26O2	3-methylundecyl formate	---	8.58373	2472.5095	179.058	146.97	278.65	2
13469	C13H26O2	4-methylundecyl formate	---	8.58373	2472.5095	179.058	146.97	278.65	2
13470	C13H26O2	5-methylundecyl formate	---	8.58373	2472.5095	179.058	146.97	278.65	2
13471	C13H26O2	6-methylundecyl formate	---	8.58373	2472.5095	179.058	146.97	278.65	2
13472	C13H26O2	7-methylundecyl formate	---	8.58373	2472.5095	179.058	146.97	278.65	2
13473	C13H26O2	8-methylundecyl formate	---	8.58373	2472.5095	179.058	146.97	278.65	2
13474	C13H26O2	9-methylundecyl formate	---	8.58373	2472.5095	179.058	146.97	278.65	2
13475	C13H26O2	10-methylundecyl formate	---	8.58373	2472.5095	179.058	146.97	278.65	2
13476	C13H26O2	1,1-dimethyldecyl formate	---	8.10382	2278.9629	181.838	138.97	281.18	2
13477	C13H26O2	1,2-dimethyldecyl formate	---	8.10382	2278.9629	181.838	138.97	281.18	2
13478	C13H26O2	1,3-dimethyldecyl formate	---	8.10382	2278.9629	181.838	138.97	281.18	2
13479	C13H26O2	1,4-dimethyldecyl formate	---	8.10382	2278.9629	181.838	138.97	281.18	2
13480	C13H26O2	1,5-dimethyldecyl formate	---	8.10382	2278.9629	181.838	138.97	281.18	2
13481	C13H26O2	1,6-dimethyldecyl formate	---	8.10382	2278.9629	181.838	138.97	281.18	2
13482	C13H26O2	1,7-dimethyldecyl formate	---	8.10382	2278.9629	181.838	138.97	281.18	2
13483	C13H26O2	1,8-dimethyldecyl formate	---	8.10382	2278.9629	181.838	138.97	281.18	2
13484	C13H26O2	1,9-dimethyldecyl formate	---	8.10382	2278.9629	181.838	138.97	281.18	2
13485	C13H26O2	1-ethyldecyl formate	---	8.28758	2353.1315	180.726	142.17	280.15	2
13486	C13H26O2	2-ethyldecyl formate	---	8.28758	2353.1315	180.726	142.17	280.15	2
13487	C13H26O2	3-ethyldecyl formate	---	8.28758	2353.1315	180.726	142.17	280.15	2
13488	C13H26O2	4-ethyldecyl formate	---	8.28758	2353.1315	180.726	142.17	280.15	2
13489	C13H26O2	5-ethyldecyl formate	---	8.28758	2353.1315	180.726	142.17	280.15	2
13490	C13H26O2	6-ethyldecyl formate	---	8.28758	2353.1315	180.726	142.17	280.15	2
13491	C13H26O2	7-ethyldecyl formate	---	8.28758	2353.1315	180.726	142.17	280.15	2
13492	C13H26O2	8-ethyldecyl formate	---	8.28758	2353.1315	180.726	142.17	280.15	2
13493	C13H26O2	9-ethyldecyl formate	---	8.28758	2353.1315	180.726	142.17	280.15	2
13494	C13H26O2	undecyl acetate	1731-81-3	8.53255	2451.8911	179.336	146.17	278.90	2
13495	C13H26O2	1-methyldecyl acetate	1496-67-5	8.05945	2261.0467	182.116	138.17	281.44	2
13496	C13H26O2	2-methyldecyl acetate	---	8.05945	2261.0467	182.116	138.17	281.44	2
13497	C13H26O2	3-methyldecyl acetate	---	8.05945	2261.0467	182.116	138.17	281.44	2
13498	C13H26O2	4-methyldecyl acetate	---	8.05945	2261.0467	182.116	138.17	281.44	2
13499	C13H26O2	5-methyldecyl acetate	---	8.05945	2261.0467	182.116	138.17	281.44	2
13500	C13H26O2	6-methyldecyl acetate	---	8.05945	2261.0467	182.116	138.17	281.44	2
13501	C13H26O2	7-methyldecyl acetate	---	8.05945	2261.0467	182.116	138.17	281.44	2
13502	C13H26O2	8-methyldecyl acetate	---	8.05945	2261.0467	182.116	138.17	281.44	2
13503	C13H26O2	9-methyldecyl acetate	---	7.64725	2094.3241	184.896	130.17	284.11	2
13504	C13H26O2	1,1-dimethylnonyl acetate	---	7.64725	2094.3241	184.896	130.17	284.11	2
13505	C13H26O2	1,2-dimethylnonyl acetate	---	7.64725	2094.3241	184.896	130.17	284.11	2
13506	C13H26O2	1,3-dimethylnonyl acetate	---	7.64725	2094.3241	184.896	130.17	284.11	2
13507	C13H26O2	1,4-dimethylnonyl acetate	---	7.64725	2094.3241	184.896	130.17	284.11	2
13508	C13H26O2	1,5-dimethylnonyl acetate	---	7.64725	2094.3241	184.896	130.17	284.11	2
13509	C13H26O2	1,6-dimethylnonyl acetate	---	7.64725	2094.3241	184.896	130.17	284.11	2
13510	C13H26O2	1,7-dimethylnonyl acetate	---	7.64725	2094.3241	184.896	130.17	284.11	2
13511	C13H26O2	1,8-dimethylnonyl acetate	---	7.64725	2094.3241	184.896	130.17	284.11	2
13512	C13H26O2	1-ethylnonyl acetate	---	7.80560	2158.4244	183.784	133.37	283.03	2
13513	C13H26O2	2-ethylnonyl acetate	---	7.80560	2158.4244	183.784	133.37	283.03	2
13514	C13H26O2	3-ethylnonyl acetate	---	7.80560	2158.4244	183.784	133.37	283.03	2
13515	C13H26O2	4-ethylnonyl acetate	---	7.80560	2158.4244	183.784	133.37	283.03	2
13516	C13H26O2	5-ethylnonyl acetate	---	7.80560	2158.4244	183.784	133.37	283.03	2
13517	C13H26O2	6-ethylnonyl acetate	---	7.80560	2158.4244	183.784	133.37	283.03	2
13518	C13H26O2	7-ethylnonyl acetate	---	7.80560	2158.4244	183.784	133.37	283.03	2
13519	C13H26O2	8-ethylnonyl acetate	---	7.80560	2158.4244	183.784	133.37	283.03	2
13520	C13H26O2	decyl propanoate	5454-19-3	8.04822	2252.5490	181.421	138.17	281.46	2

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mmHg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
13521	C13H26O2	1-methylnonyl propanoate	---	7.63673	2086.3989	184.201	130.17	284.14	2
13522	C13H26O2	2-methylnonyl propanoate	---	7.63673	2086.3989	184.201	130.17	284.14	2
13523	C13H26O2	3-methylnonyl propanoate	---	7.63673	2086.3989	184.201	130.17	284.14	2
13524	C13H26O2	4-methylnonyl propanoate	---	7.63673	2086.3989	184.201	130.17	284.14	2
13525	C13H26O2	5-methylnonyl propanoate	---	7.63673	2086.3989	184.201	130.17	284.14	2
13526	C13H26O2	6-methylnonyl propanoate	---	7.63673	2086.3989	184.201	130.17	284.14	2
13527	C13H26O2	7-methylnonyl propanoate	---	7.63673	2086.3989	184.201	130.17	284.14	2
13528	C13H26O2	8-methylnonyl propanoate	67845-27-6	7.63673	2086.3989	184.201	130.17	284.14	2
13529	C13H26O2	1,1-dimethyloctyl propanoate	---	7.27501	1939.9264	186.981	122.17	286.96	2
13530	C13H26O2	1,2-dimethyloctyl propanoate	---	7.27501	1939.9264	186.981	122.17	286.96	2
13531	C13H26O2	1,3-dimethyloctyl propanoate	---	7.27501	1939.9264	186.981	122.17	286.96	2
13532	C13H26O2	1,4-dimethyloctyl propanoate	---	7.27501	1939.9264	186.981	122.17	286.96	2
13533	C13H26O2	1,5-dimethyloctyl propanoate	---	7.27501	1939.9264	186.981	122.17	286.96	2
13534	C13H26O2	1,6-dimethyloctyl propanoate	---	7.27501	1939.9264	186.981	122.17	286.96	2
13535	C13H26O2	1,7-dimethyloctyl propanoate	---	7.27501	1939.9264	186.981	122.17	286.96	2
13536	C13H26O2	1-ethyloctyl propanoate	---	7.41432	1996.3882	185.869	125.37	285.81	2
13537	C13H26O2	2-ethyloctyl propanoate	---	7.41432	1996.3882	185.869	125.37	285.81	2
13538	C13H26O2	3-ethyloctyl propanoate	---	7.41432	1996.3882	185.869	125.37	285.81	2
13539	C13H26O2	4-ethyloctyl propanoate	---	7.41432	1996.3882	185.869	125.37	285.81	2
13540	C13H26O2	5-ethyloctyl propanoate	---	7.41432	1996.3882	185.869	125.37	285.81	2
13541	C13H26O2	6-ethyloctyl propanoate	---	7.41432	1996.3882	185.869	125.37	285.81	2
13542	C13H26O2	7-ethyloctyl propanoate	---	7.41432	1996.3882	185.869	125.37	285.81	2
13543	C13H26O2	nonyl butanoate	2639-64-7	7.44525	2031.5324	183.228	131.97	293.28	1,2
13544	C13H26O2	1-methyloctyl butanoate	---	7.39653	1989.1816	186.008	124.97	285.96	2
13545	C13H26O2	2-methyloctyl butanoate	---	7.39653	1989.1816	186.008	124.97	285.96	2
13546	C13H26O2	3-methyloctyl butanoate	---	7.39653	1989.1816	186.008	124.97	285.96	2
13547	C13H26O2	4-methyloctyl butanoate	---	7.39653	1989.1816	186.008	124.97	285.96	2
13548	C13H26O2	5-methyloctyl butanoate	---	7.39653	1989.1816	186.008	124.97	285.96	2
13549	C13H26O2	6-methyloctyl butanoate	---	7.39653	1989.1816	186.008	124.97	285.96	2
13550	C13H26O2	7-methyloctyl butanoate	93804-81-0	7.39653	1989.1816	186.008	124.97	285.96	2
13551	C13H26O2	1,1-dimethylheptyl butanoate	---	7.06245	1853.6448	188.788	116.97	288.88	2
13552	C13H26O2	1,2-dimethylheptyl butanoate	---	7.06245	1853.6448	188.788	116.97	288.88	2
13553	C13H26O2	1,3-dimethylheptyl butanoate	---	7.06245	1853.6448	188.788	116.97	288.88	2
13554	C13H26O2	1,4-dimethylheptyl butanoate	---	7.06245	1853.6448	188.788	116.97	288.88	2
13555	C13H26O2	1,5-dimethylheptyl butanoate	---	7.06245	1853.6448	188.788	116.97	288.88	2
13556	C13H26O2	1,6-dimethylheptyl butanoate	---	7.06245	1853.6448	188.788	116.97	288.88	2
13557	C13H26O2	1-ethylheptyl butanoate	---	7.19131	1905.9709	187.676	120.17	287.69	2
13558	C13H26O2	2-ethylheptyl butanoate	94200-05-2	7.19131	1905.9709	187.676	120.17	287.69	2
13559	C13H26O2	3-ethylheptyl butanoate	---	7.19131	1905.9709	187.676	120.17	287.69	2
13560	C13H26O2	4-ethylheptyl butanoate	---	7.19131	1905.9709	187.676	120.17	287.69	2
13561	C13H26O2	5-ethylheptyl butanoate	---	7.19131	1905.9709	187.676	120.17	287.69	2
13562	C13H26O2	6-ethylheptyl butanoate	---	7.19131	1905.9709	187.676	120.17	287.69	2
13563	C13H26O2	nonyl isobutanoate	---	7.39653	1989.1816	186.008	124.97	285.96	2
13564	C13H26O2	1-methyloctyl isobutanoate	---	7.06245	1853.6448	188.788	116.97	288.88	2
13565	C13H26O2	2-methyloctyl isobutanoate	---	7.06245	1853.6448	188.788	116.97	288.88	2
13566	C13H26O2	3-methyloctyl isobutanoate	---	7.06245	1853.6448	188.788	116.97	288.88	2
13567	C13H26O2	4-methyloctyl isobutanoate	---	7.06245	1853.6448	188.788	116.97	288.88	2
13568	C13H26O2	5-methyloctyl isobutanoate	---	7.06245	1853.6448	188.788	116.97	288.88	2
13569	C13H26O2	6-methyloctyl isobutanoate	---	7.06245	1853.6448	188.788	116.97	288.88	2
13570	C13H26O2	7-methyloctyl isobutanoate	---	7.06245	1853.6448	188.788	116.97	288.88	2
13571	C13H26O2	1,1-dimethylheptyl isobutanoate	---	6.76510	1732.6348	191.568	108.97	291.97	2
13572	C13H26O2	1,2-dimethylheptyl isobutanoate	---	6.76510	1732.6348	191.568	108.97	291.97	2
13573	C13H26O2	1,3-dimethylheptyl isobutanoate	---	6.76510	1732.6348	191.568	108.97	291.97	2
13574	C13H26O2	1,4-dimethylheptyl isobutanoate	---	6.76510	1732.6348	191.568	108.97	291.97	2
13575	C13H26O2	1,5-dimethylheptyl isobutanoate	---	6.76510	1732.6348	191.568	108.97	291.97	2
13576	C13H26O2	1,6-dimethylheptyl isobutanoate	---	6.76510	1732.6348	191.568	108.97	291.97	2
13577	C13H26O2	1-ethylheptyl isobutanoate	---	6.88003	1779.4523	190.456	112.17	290.71	2
13578	C13H26O2	2-ethylheptyl isobutanoate	94200-07-4	6.88003	1779.4523	190.456	112.17	290.71	2
13579	C13H26O2	3-ethylheptyl isobutanoate	---	6.88003	1779.4523	190.456	112.17	290.71	2
13580	C13H26O2	4-ethylheptyl isobutanoate	---	6.88003	1779.4523	190.456	112.17	290.71	2
13581	C13H26O2	5-ethylheptyl isobutanoate	---	6.88003	1779.4523	190.456	112.17	290.71	2
13582	C13H26O2	6-ethylheptyl isobutanoate	---	6.88003	1779.4523	190.456	112.17	290.71	2
13583	C13H26O2	octyl pentanoate	5451-85-4	7.43977	2028.4603	183.340	131.65	293.06	1,2
13584	C13H26O2	1-methylheptyl pentanoate	6938-48-3	7.38238	1983.4475	186.120	124.65	286.07	2
13585	C13H26O2	2-methylheptyl pentanoate	---	7.38238	1983.4475	186.120	124.65	286.07	2
13586	C13H26O2	3-methylheptyl pentanoate	---	7.38238	1983.4475	186.120	124.65	286.07	2
13587	C13H26O2	4-methylheptyl pentanoate	---	7.38238	1983.4475	186.120	124.65	286.07	2
13588	C13H26O2	5-methylheptyl pentanoate	---	7.38238	1983.4475	186.120	124.65	286.07	2
13589	C13H26O2	6-methylheptyl pentanoate	---	7.38238	1983.4475	186.120	124.65	286.07	2
13590	C13H26O2	1,1-dimethylhexyl pentanoate	---	7.04989	1848.5423	188.900	116.65	289.00	2
13591	C13H26O2	1,2-dimethylhexyl pentanoate	---	7.04989	1848.5423	188.900	116.65	289.00	2
13592	C13H26O2	1,3-dimethylhexyl pentanoate	---	7.04989	1848.5423	188.900	116.65	289.00	2
13593	C13H26O2	1,4-dimethylhexyl pentanoate	---	7.04989	1848.5423	188.900	116.65	289.00	2
13594	C13H26O2	1,5-dimethylhexyl pentanoate	---	7.04989	1848.5423	188.900	116.65	289.00	2
13595	C13H26O2	1-ethylhexyl pentanoate	---	7.17815	1900.6293	187.788	119.85	287.81	2
13596	C13H26O2	2-ethylhexyl pentanoate	5451-87-6	7.17815	1900.6293	187.788	119.85	287.81	2
13597	C13H26O2	3-ethylhexyl pentanoate	---	7.17815	1900.6293	187.788	119.85	287.81	2
13598	C13H26O2	4-ethylhexyl pentanoate	---	7.17815	1900.6293	187.788	119.85	287.81	2
13599	C13H26O2	5-ethylhexyl pentanoate	---	7.17815	1900.6293	187.788	119.85	287.81	2
13600	C13H26O2	octyl isopentanoate	7786-58-5	7.32645	1960.7844	186.564	123.37	286.53	2

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mmHg}, T - C)$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
13601	C13H26O2	1-methylheptyl isopentanoate	---	7.04989	1848.5423	188.900	116.65	289.00	2
13602	C13H26O2	2-methylheptyl isopentanoate	---	7.04989	1848.5423	188.900	116.65	289.00	2
13603	C13H26O2	3-methylheptyl isopentanoate	---	7.04989	1848.5423	188.900	116.65	289.00	2
13604	C13H26O2	4-methylheptyl isopentanoate	---	7.04989	1848.5423	188.900	116.65	289.00	2
13605	C13H26O2	5-methylheptyl isopentanoate	---	7.04989	1848.5423	188.900	116.65	289.00	2
13606	C13H26O2	6-methylheptyl isopentanoate	---	7.04989	1848.5423	188.900	116.65	289.00	2
13607	C13H26O2	1,1-dimethylhexyl isopentanoate	---	6.75389	1728.0627	191.680	108.65	292.09	2
13608	C13H26O2	1,2-dimethylhexyl isopentanoate	---	6.75389	1728.0627	191.680	108.65	292.09	2
13609	C13H26O2	1,3-dimethylhexyl isopentanoate	---	6.75389	1728.0627	191.680	108.65	292.09	2
13610	C13H26O2	1,4-dimethylhexyl isopentanoate	---	6.75389	1728.0627	191.680	108.65	292.09	2
13611	C13H26O2	1,5-dimethylhexyl isopentanoate	---	6.75389	1728.0627	191.680	108.65	292.09	2
13612	C13H26O2	1-ethylhexyl isopentanoate	---	6.86831	1774.6788	190.568	111.85	290.84	2
13613	C13H26O2	2-ethylhexyl isopentanoate	---	6.86831	1774.6788	190.568	111.85	290.84	2
13614	C13H26O2	3-ethylhexyl isopentanoate	---	6.86831	1774.6788	190.568	111.85	290.84	2
13615	C13H26O2	4-ethylhexyl isopentanoate	---	6.86831	1774.6788	190.568	111.85	290.84	2
13616	C13H26O2	5-ethylhexyl isopentanoate	---	6.86831	1774.6788	190.568	111.85	290.84	2
13617	C13H26O2	octyl sec-pentanoate	---	7.38238	1983.4475	186.120	124.65	286.07	2
13618	C13H26O2	1-methylheptyl sec-pentanoate	---	7.04989	1848.5423	188.900	116.65	289.00	2
13619	C13H26O2	2-methylheptyl sec-pentanoate	---	7.04989	1848.5423	188.900	116.65	289.00	2
13620	C13H26O2	3-methylheptyl sec-pentanoate	---	7.04989	1848.5423	188.900	116.65	289.00	2
13621	C13H26O2	4-methylheptyl sec-pentanoate	---	7.04989	1848.5423	188.900	116.65	289.00	2
13622	C13H26O2	5-methylheptyl sec-pentanoate	---	7.04989	1848.5423	188.900	116.65	289.00	2
13623	C13H26O2	6-methylheptyl sec-pentanoate	---	7.04989	1848.5423	188.900	116.65	289.00	2
13624	C13H26O2	1,1-dimethylhexyl sec-pentanoate	---	6.75389	1728.0627	191.680	108.65	292.09	2
13625	C13H26O2	1,2-dimethylhexyl sec-pentanoate	---	6.75389	1728.0627	191.680	108.65	292.09	2
13626	C13H26O2	1,3-dimethylhexyl sec-pentanoate	---	6.75389	1728.0627	191.680	108.65	292.09	2
13627	C13H26O2	1,4-dimethylhexyl sec-pentanoate	---	6.75389	1728.0627	191.680	108.65	292.09	2
13628	C13H26O2	1,5-dimethylhexyl sec-pentanoate	---	6.75389	1728.0627	191.680	108.65	292.09	2
13629	C13H26O2	1-ethylhexyl sec-pentanoate	---	6.86831	1774.6788	190.568	111.85	290.84	2
13630	C13H26O2	2-ethylhexyl sec-pentanoate	---	6.86831	1774.6788	190.568	111.85	290.84	2
13631	C13H26O2	3-ethylhexyl sec-pentanoate	---	6.86831	1774.6788	190.568	111.85	290.84	2
13632	C13H26O2	4-ethylhexyl sec-pentanoate	---	6.86831	1774.6788	190.568	111.85	290.84	2
13633	C13H26O2	5-ethylhexyl sec-pentanoate	---	6.86831	1774.6788	190.568	111.85	290.84	2
13634	C13H26O2	octyl tert-pentanoate	---	7.04989	1848.5423	188.900	116.65	289.00	2
13635	C13H26O2	1-methylheptyl tert-pentanoate	---	6.75389	1728.0627	191.680	108.65	292.09	2
13636	C13H26O2	2-methylheptyl tert-pentanoate	---	6.75389	1728.0627	191.680	108.65	292.09	2
13637	C13H26O2	3-methylheptyl tert-pentanoate	---	6.75389	1728.0627	191.680	108.65	292.09	2
13638	C13H26O2	4-methylheptyl tert-pentanoate	---	6.75389	1728.0627	191.680	108.65	292.09	2
13639	C13H26O2	5-methylheptyl tert-pentanoate	---	6.75389	1728.0627	191.680	108.65	292.09	2
13640	C13H26O2	6-methylheptyl tert-pentanoate	---	6.75389	1728.0627	191.680	108.65	292.09	2
13641	C13H26O2	1,1-dimethylhexyl tert-pentanoate	---	6.48867	1619.7585	194.460	100.65	295.36	2
13642	C13H26O2	1,2-dimethylhexyl tert-pentanoate	---	6.48867	1619.7585	194.460	100.65	295.36	2
13643	C13H26O2	1,3-dimethylhexyl tert-pentanoate	---	6.48867	1619.7585	194.460	100.65	295.36	2
13644	C13H26O2	1,4-dimethylhexyl tert-pentanoate	---	6.48867	1619.7585	194.460	100.65	295.36	2
13645	C13H26O2	1,5-dimethylhexyl tert-pentanoate	---	6.48867	1619.7585	194.460	100.65	295.36	2
13646	C13H26O2	1-ethylhexyl tert-pentanoate	---	6.59138	1661.7433	193.348	103.85	294.03	2
13647	C13H26O2	2-ethylhexyl tert-pentanoate	---	6.59138	1661.7433	193.348	103.85	294.03	2
13648	C13H26O2	3-ethylhexyl tert-pentanoate	---	6.59138	1661.7433	193.348	103.85	294.03	2
13649	C13H26O2	4-ethylhexyl tert-pentanoate	---	6.59138	1661.7433	193.348	103.85	294.03	2
13650	C13H26O2	5-ethylhexyl tert-pentanoate	---	6.59138	1661.7433	193.348	103.85	294.03	2
13651	C13H26O2	heptyl hexanoate	6976-72-3	7.44050	2026.6731	183.506	131.17	292.39	1,2
13652	C13H26O2	hexyl heptanoate	1119-06-8	7.44331	2027.5580	183.506	131.17	292.28	1,2
13653	C13H26O2	pentyl octanoate	638-25-5	7.43866	2023.4062	183.729	130.53	291.60	1,2
13654	C13H26O2	isoamyl caprylate	2035-99-6	8.00454	2234.9336	181.699	137.37	281.72	2
13655	C13H26O2	butyl nonanoate	50623-57-9	7.63533	2083.9969	183.826	130.25	284.12	2
13656	C13H26O2	propyl decanoate	30673-60-0	7.73456	2125.9408	183.506	132.17	283.45	2
13657	C13H26O2	isopropyl decanoate	2311-59-3	7.36128	1974.8979	186.286	124.17	286.24	2
13658	C13H26O2	ethyl undecanoate	627-90-7	7.97647	2223.6095	181.880	136.85	281.89	2
13659	C13H26O2	methyl dodecanoate	111-82-0	7.61608	2102.1278	181.880	135.85	292.19	1,2
13660	C13H26S	thiacyclotetradecane	295-20-5	6.14416	1623.5832	182.950	132.67	365.13	3
13661	C13H27Br	1-bromotridecane	765-09-3	7.81031	2273.6791	174.888	158.97	316.35	2
13662	C13H27Br	2-bromotridecane	---	7.44650	2118.5654	177.668	150.97	319.11	2
13663	C13H27Br	3-bromotridecane	---	7.44650	2118.5654	177.668	150.97	319.11	2
13664	C13H27Br	4-bromotridecane	---	7.44650	2118.5654	177.668	150.97	319.11	2
13665	C13H27Br	5-bromotridecane	---	7.44650	2118.5654	177.668	150.97	319.11	2
13666	C13H27Br	6-bromotridecane	---	7.44650	2118.5654	177.668	150.97	319.11	2
13667	C13H27Br	7-bromotridecane	---	7.44650	2118.5654	177.668	150.97	319.11	2
13668	C13H27Br	1-bromo-2-methyldodecane	---	7.44650	2118.5654	177.668	150.97	319.11	2
13669	C13H27Br	1-bromo-3-methyldodecane	---	7.44650	2118.5654	177.668	150.97	319.11	2
13670	C13H27Br	1-bromo-4-methyldodecane	---	7.44650	2118.5654	177.668	150.97	319.11	2
13671	C13H27Br	1-bromo-5-methyldodecane	---	7.44650	2118.5654	177.668	150.97	319.11	2
13672	C13H27Br	1-bromo-6-methyldodecane	---	7.44650	2118.5654	177.668	150.97	319.11	2
13673	C13H27Br	1-bromo-7-methyldodecane	---	7.44650	2118.5654	177.668	150.97	319.11	2
13674	C13H27Br	1-bromo-8-methyldodecane	---	7.44650	2118.5654	177.668	150.97	319.11	2
13675	C13H27Br	1-bromo-9-methyldodecane	---	7.44650	2118.5654	177.668	150.97	319.11	2
13676	C13H27Br	1-bromo-10-methyldodecane	---	7.44650	2118.5654	177.668	150.97	319.11	2
13677	C13H27Br	1-bromo-11-methyldodecane	---	7.44650	2118.5654	177.668	150.97	319.11	2
13678	C13H27Br	2-bromo-2-methyldodecane	---	7.12328	1980.3802	180.448	142.97	322.00	2
13679	C13H27Br	2-bromo-3-methyldodecane	---	7.12328	1980.3802	180.448	142.97	322.00	2
13680	C13H27Br	2-bromo-4-methyldodecane	---	7.12328	1980.3802	180.448	142.97	322.00	2

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mmHg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
13681	C13H27Br	2-bromo-5-methyldodecane	---	7.12328	1980.3802	180.448	142.97	322.00	2
13682	C13H27Br	2-bromo-6-methyldodecane	---	7.12328	1980.3802	180.448	142.97	322.00	2
13683	C13H27Br	2-bromo-7-methyldodecane	---	7.12328	1980.3802	180.448	142.97	322.00	2
13684	C13H27Br	2-bromo-8-methyldodecane	---	7.12328	1980.3802	180.448	142.97	322.00	2
13685	C13H27Br	2-bromo-9-methyldodecane	---	7.12328	1980.3802	180.448	142.97	322.00	2
13686	C13H27Br	2-bromo-10-methyldodecane	---	7.12328	1980.3802	180.448	142.97	322.00	2
13687	C13H27Br	2-bromo-11-methyldodecane	---	7.12328	1980.3802	180.448	142.97	322.00	2
13688	C13H27Br	3-bromo-2-methyldodecane	---	7.12328	1980.3802	180.448	142.97	322.00	2
13689	C13H27Br	3-bromo-3-methyldodecane	---	7.12328	1980.3802	180.448	142.97	322.00	2
13690	C13H27Br	3-bromo-4-methyldodecane	---	7.12328	1980.3802	180.448	142.97	322.00	2
13691	C13H27Br	3-bromo-5-methyldodecane	---	7.12328	1980.3802	180.448	142.97	322.00	2
13692	C13H27Br	3-bromo-6-methyldodecane	---	7.12328	1980.3802	180.448	142.97	322.00	2
13693	C13H27Br	3-bromo-7-methyldodecane	---	7.12328	1980.3802	180.448	142.97	322.00	2
13694	C13H27Br	3-bromo-8-methyldodecane	---	7.12328	1980.3802	180.448	142.97	322.00	2
13695	C13H27Br	3-bromo-9-methyldodecane	---	7.12328	1980.3802	180.448	142.97	322.00	2
13696	C13H27Br	3-bromo-10-methyldodecane	---	7.12328	1980.3802	180.448	142.97	322.00	2
13697	C13H27Br	3-bromo-11-methyldodecane	---	7.12328	1980.3802	180.448	142.97	322.00	2
13698	C13H27Cl	1-chlorotridecane	822-13-9	7.34219	2084.0077	178.224	150.37	322.70	2
13699	C13H27Cl	2-chlorotridecane	---	6.99072	1931.2555	181.004	141.37	326.04	2
13700	C13H27Cl	3-chlorotridecane	---	6.99072	1931.2555	181.004	141.37	326.04	2
13701	C13H27Cl	4-chlorotridecane	---	6.99072	1931.2555	181.004	141.37	326.04	2
13702	C13H27Cl	5-chlorotridecane	---	6.99072	1931.2555	181.004	141.37	326.04	2
13703	C13H27Cl	6-chlorotridecane	---	6.99072	1931.2555	181.004	141.37	326.04	2
13704	C13H27Cl	7-chlorotridecane	---	6.99072	1931.2555	181.004	141.37	326.04	2
13705	C13H27Cl	1-chloro-2-methyldodecane	---	6.99072	1931.2555	181.004	141.37	326.04	2
13706	C13H27Cl	1-chloro-3-methyldodecane	---	6.99072	1931.2555	181.004	141.37	326.04	2
13707	C13H27Cl	1-chloro-4-methyldodecane	---	6.99072	1931.2555	181.004	141.37	326.04	2
13708	C13H27Cl	1-chloro-5-methyldodecane	---	6.99072	1931.2555	181.004	141.37	326.04	2
13709	C13H27Cl	1-chloro-6-methyldodecane	---	6.99072	1931.2555	181.004	141.37	326.04	2
13710	C13H27Cl	1-chloro-7-methyldodecane	---	6.99072	1931.2555	181.004	141.37	326.04	2
13711	C13H27Cl	1-chloro-8-methyldodecane	---	6.99072	1931.2555	181.004	141.37	326.04	2
13712	C13H27Cl	1-chloro-9-methyldodecane	---	6.99072	1931.2555	181.004	141.37	326.04	2
13713	C13H27Cl	1-chloro-10-methyldodecane	---	6.99072	1931.2555	181.004	141.37	326.04	2
13714	C13H27Cl	1-chloro-11-methyldodecane	---	6.99072	1931.2555	181.004	141.37	326.04	2
13715	C13H27Cl	2-chloro-2-methyldodecane	---	6.71619	1812.9154	183.784	133.37	329.16	2
13716	C13H27Cl	2-chloro-3-methyldodecane	---	6.71619	1812.9154	183.784	133.37	329.16	2
13717	C13H27Cl	2-chloro-4-methyldodecane	---	6.71619	1812.9154	183.784	133.37	329.16	2
13718	C13H27Cl	2-chloro-5-methyldodecane	---	6.71619	1812.9154	183.784	133.37	329.16	2
13719	C13H27Cl	2-chloro-6-methyldodecane	---	6.71619	1812.9154	183.784	133.37	329.16	2
13720	C13H27Cl	2-chloro-7-methyldodecane	---	6.71619	1812.9154	183.784	133.37	329.16	2
13721	C13H27Cl	2-chloro-8-methyldodecane	---	6.71619	1812.9154	183.784	133.37	329.16	2
13722	C13H27Cl	2-chloro-9-methyldodecane	---	6.71619	1812.9154	183.784	133.37	329.16	2
13723	C13H27Cl	2-chloro-10-methyldodecane	---	6.71619	1812.9154	183.784	133.37	329.16	2
13724	C13H27Cl	2-chloro-11-methyldodecane	---	6.71619	1812.9154	183.784	133.37	329.16	2
13725	C13H27Cl	3-chloro-2-methyldodecane	---	6.71619	1812.9154	183.784	133.37	329.16	2
13726	C13H27Cl	3-chloro-3-methyldodecane	---	6.71619	1812.9154	183.784	133.37	329.16	2
13727	C13H27Cl	3-chloro-4-methyldodecane	---	6.71619	1812.9154	183.784	133.37	329.16	2
13728	C13H27Cl	3-chloro-5-methyldodecane	---	6.71619	1812.9154	183.784	133.37	329.16	2
13729	C13H27Cl	3-chloro-6-methyldodecane	---	6.71619	1812.9154	183.784	133.37	329.16	2
13730	C13H27Cl	3-chloro-7-methyldodecane	---	6.71619	1812.9154	183.784	133.37	329.16	2
13731	C13H27Cl	3-chloro-8-methyldodecane	---	6.71619	1812.9154	183.784	133.37	329.16	2
13732	C13H27Cl	3-chloro-9-methyldodecane	---	6.71619	1812.9154	183.784	133.37	329.16	2
13733	C13H27Cl	3-chloro-10-methyldodecane	---	6.71619	1812.9154	183.784	133.37	329.16	2
13734	C13H27Cl	3-chloro-11-methyldodecane	---	6.71619	1812.9154	183.784	133.37	329.16	2
13735	C13H27F	1-fluorotridecane	1536-21-6	6.63734	1706.7515	188.788	113.97	305.14	2
13736	C13H27F	1-fluorotridecane	---	6.43545	1622.9282	191.012	107.57	307.80	2
13737	C13H27F	2-fluorotridecane	---	6.43545	1622.9282	191.012	107.57	307.80	2
13738	C13H27F	3-fluorotridecane	---	6.43545	1622.9282	191.012	107.57	307.80	2
13739	C13H27F	4-fluorotridecane	---	6.43545	1622.9282	191.012	107.57	307.80	2
13740	C13H27F	5-fluorotridecane	---	6.43545	1622.9282	191.012	107.57	307.80	2
13741	C13H27F	6-fluorotridecane	---	6.43545	1622.9282	191.012	107.57	307.80	2
13742	C13H27F	7-fluorotridecane	---	6.43545	1622.9282	191.012	107.57	307.80	2
13743	C13H27F	1-fluoro-2-methyldodecane	---	6.43545	1622.9282	191.012	107.57	307.80	2
13744	C13H27F	1-fluoro-3-methyldodecane	---	6.43545	1622.9282	191.012	107.57	307.80	2
13745	C13H27F	1-fluoro-4-methyldodecane	---	6.43545	1622.9282	191.012	107.57	307.80	2
13746	C13H27F	1-fluoro-5-methyldodecane	---	6.43545	1622.9282	191.012	107.57	307.80	2
13747	C13H27F	1-fluoro-6-methyldodecane	---	6.43545	1622.9282	191.012	107.57	307.80	2
13748	C13H27F	1-fluoro-7-methyldodecane	---	6.43545	1622.9282	191.012	107.57	307.80	2
13749	C13H27F	1-fluoro-8-methyldodecane	---	6.43545	1622.9282	191.012	107.57	307.80	2
13750	C13H27F	1-fluoro-9-methyldodecane	---	6.43545	1622.9282	191.012	107.57	307.80	2
13751	C13H27F	1-fluoro-10-methyldodecane	---	6.43545	1622.9282	191.012	107.57	307.80	2
13752	C13H27F	1-fluoro-11-methyldodecane	---	6.43545	1622.9282	191.012	107.57	307.80	2
13753	C13H27F	2-fluoro-2-methyldodecane	---	6.24927	1545.4194	193.236	101.17	310.58	2
13754	C13H27F	2-fluoro-3-methyldodecane	---	6.24927	1545.4194	193.236	101.17	310.58	2
13755	C13H27F	2-fluoro-4-methyldodecane	---	6.24927	1545.4194	193.236	101.17	310.58	2
13756	C13H27F	2-fluoro-5-methyldodecane	---	6.24927	1545.4194	193.236	101.17	310.58	2
13757	C13H27F	2-fluoro-6-methyldodecane	---	6.24927	1545.4194	193.236	101.17	310.58	2
13758	C13H27F	2-fluoro-7-methyldodecane	---	6.24927	1545.4194	193.236	101.17	310.58	2
13759	C13H27F	2-fluoro-8-methyldodecane	---	6.24927	1545.4194	193.236	101.17	310.58	2
13760	C13H27F	2-fluoro-9-methyldodecane	---	6.24927	1545.4194	193.236	101.17	310.58	2

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mmHg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
13761	C13H27F	2-fluoro-10-methyldodecane	---	6.24927	1545.4194	193.236	101.17	310.58	2
13762	C13H27F	2-fluoro-11-methyldodecane	---	6.24927	1545.4194	193.236	101.17	310.58	2
13763	C13H27F	3-fluoro-2-methyldodecane	---	6.24927	1545.4194	193.236	101.17	310.58	2
13764	C13H27F	3-fluoro-3-methyldodecane	---	6.24927	1545.4194	193.236	101.17	310.58	2
13765	C13H27F	3-fluoro-4-methyldodecane	---	6.24927	1545.4194	193.236	101.17	310.58	2
13766	C13H27F	3-fluoro-5-methyldodecane	---	6.24927	1545.4194	193.236	101.17	310.58	2
13767	C13H27F	3-fluoro-6-methyldodecane	---	6.24927	1545.4194	193.236	101.17	310.58	2
13768	C13H27F	3-fluoro-7-methyldodecane	---	6.24927	1545.4194	193.236	101.17	310.58	2
13769	C13H27F	3-fluoro-8-methyldodecane	---	6.24927	1545.4194	193.236	101.17	310.58	2
13770	C13H27F	3-fluoro-9-methyldodecane	---	6.24927	1545.4194	193.236	101.17	310.58	2
13771	C13H27F	3-fluoro-10-methyldodecane	---	6.24927	1545.4194	193.236	101.17	310.58	2
13772	C13H27F	3-fluoro-11-methyldodecane	---	6.24927	1545.4194	193.236	101.17	310.58	2
13773	C13H27I	1-iodotridecane	35599-77-0	8.06168	2403.3881	168.772	171.57	323.74	2
13774	C13H27I	1-iodotridecane	---	7.67200	2235.9344	171.552	163.57	326.41	2
13775	C13H27I	2-iodotridecane	---	7.67200	2235.9344	171.552	163.57	326.41	2
13776	C13H27I	3-iodotridecane	---	7.67200	2235.9344	171.552	163.57	326.41	2
13777	C13H27I	4-iodotridecane	---	7.67200	2235.9344	171.552	163.57	326.41	2
13778	C13H27I	5-iodotridecane	---	7.67200	2235.9344	171.552	163.57	326.41	2
13779	C13H27I	6-iodotridecane	---	7.67200	2235.9344	171.552	163.57	326.41	2
13780	C13H27I	7-iodotridecane	---	7.67200	2235.9344	171.552	163.57	326.41	2
13781	C13H27I	1-iodo-2-methyldodecane	---	7.67200	2235.9344	171.552	163.57	326.41	2
13782	C13H27I	1-iodo-3-methyldodecane	---	7.67200	2235.9344	171.552	163.57	326.41	2
13783	C13H27I	1-iodo-4-methyldodecane	---	7.67200	2235.9344	171.552	163.57	326.41	2
13784	C13H27I	1-iodo-5-methyldodecane	---	7.67200	2235.9344	171.552	163.57	326.41	2
13785	C13H27I	1-iodo-6-methyldodecane	---	7.67200	2235.9344	171.552	163.57	326.41	2
13786	C13H27I	1-iodo-7-methyldodecane	---	7.67200	2235.9344	171.552	163.57	326.41	2
13787	C13H27I	1-iodo-8-methyldodecane	---	7.67200	2235.9344	171.552	163.57	326.41	2
13788	C13H27I	1-iodo-9-methyldodecane	---	7.67200	2235.9344	171.552	163.57	326.41	2
13789	C13H27I	1-iodo-10-methyldodecane	---	7.67200	2235.9344	171.552	163.57	326.41	2
13790	C13H27I	1-iodo-11-methyldodecane	---	7.67200	2235.9344	171.552	163.57	326.41	2
13791	C13H27I	2-iodo-2-methyldodecane	---	7.32699	2087.2881	174.332	155.57	329.22	2
13792	C13H27I	2-iodo-3-methyldodecane	---	7.32699	2087.2881	174.332	155.57	329.22	2
13793	C13H27I	2-iodo-4-methyldodecane	---	7.32699	2087.2881	174.332	155.57	329.22	2
13794	C13H27I	2-iodo-5-methyldodecane	---	7.32699	2087.2881	174.332	155.57	329.22	2
13795	C13H27I	2-iodo-6-methyldodecane	---	7.32699	2087.2881	174.332	155.57	329.22	2
13796	C13H27I	2-iodo-7-methyldodecane	---	7.32699	2087.2881	174.332	155.57	329.22	2
13797	C13H27I	2-iodo-8-methyldodecane	---	7.32699	2087.2881	174.332	155.57	329.22	2
13798	C13H27I	2-iodo-9-methyldodecane	---	7.32699	2087.2881	174.332	155.57	329.22	2
13799	C13H27I	2-iodo-10-methyldodecane	---	7.32699	2087.2881	174.332	155.57	329.22	2
13800	C13H27I	2-iodo-11-methyldodecane	---	7.32699	2087.2881	174.332	155.57	329.22	2
13801	C13H27I	3-iodo-2-methyldodecane	---	7.32699	2087.2881	174.332	155.57	329.22	2
13802	C13H27I	3-iodo-3-methyldodecane	---	7.32699	2087.2881	174.332	155.57	329.22	2
13803	C13H27I	3-iodo-4-methyldodecane	---	7.32699	2087.2881	174.332	155.57	329.22	2
13804	C13H27I	3-iodo-5-methyldodecane	---	7.32699	2087.2881	174.332	155.57	329.22	2
13805	C13H27I	3-iodo-6-methyldodecane	---	7.32699	2087.2881	174.332	155.57	329.22	2
13806	C13H27I	3-iodo-7-methyldodecane	---	7.32699	2087.2881	174.332	155.57	329.22	2
13807	C13H27I	3-iodo-8-methyldodecane	---	7.32699	2087.2881	174.332	155.57	329.22	2
13808	C13H27I	3-iodo-9-methyldodecane	---	7.32699	2087.2881	174.332	155.57	329.22	2
13809	C13H27I	3-iodo-10-methyldodecane	---	7.32699	2087.2881	174.332	155.57	329.22	2
13810	C13H27I	3-iodo-11-methyldodecane	---	7.32699	2087.2881	174.332	155.57	329.22	2
13811	C13H27NO2	1-nitrotridecane	26817-31-2	7.15085	2096.0635	169.606	171.17	358.50	3
13812	C13H28	tridecane	629-50-5	7.34200	1958.0087	203.429	105.31	267.23	1,2
13813	C13H28	2-methyldodecane	1560-97-0	7.05546	1685.3893	174.220	104.11	260.87	1,2
13814	C13H28	3-methyldodecane	17312-57-1	7.05661	1689.1955	174.220	104.68	261.73	1,2
13815	C13H28	4-methyldodecane	6117-97-1	8.38020	2762.0320	274.576	99.67	256.75	1,2
13816	C13H28	5-methyldodecane	17453-93-9	8.17221	2638.0990	272.029	95.79	256.61	1,2
13817	C13H28	2,2-dimethylundecane	17312-64-0	6.93972	1604.1601	174.220	95.85	252.66	1,2
13818	C13H28	2,3-dimethylundecane	17312-77-5	7.00409	1658.4649	174.220	102.00	259.68	1,2
13819	C13H28	2,4-dimethylundecane	17312-80-0	6.98655	1602.1401	174.220	93.40	246.87	1,2
13820	C13H28	2,4,6-trimethylundecane	62108-27-4	8.24251	2576.1720	276.207	79.49	232.85	1,2
13821	C13H28	5-butylnonane	17312-63-9	7.44088	1883.7583	195.599	96.87	246.70	1,2
13822	C13H28O	1-tridecanol	112-70-9	8.53479	2522.8693	178.099	156.73	293.21	2
13823	C13H28O	2-tridecanol	1653-31-2	8.10392	2332.4328	181.560	146.77	292.31	1,2
13824	C13H28O	3-tridecanol	10289-68-6	7.68372	2169.3492	183.562	141.01	298.31	2
13825	C13H28O	4-tridecanol	26215-92-9	7.68372	2169.3492	183.562	141.01	298.31	2
13826	C13H28O	5-tridecanol	58783-82-7	7.68372	2169.3492	183.562	141.01	298.31	2
13827	C13H28O	6-tridecanol	5770-03-6	7.68372	2169.3492	183.562	141.01	298.31	2
13828	C13H28O	7-tridecanol	927-45-7	7.68372	2169.3492	183.562	141.01	298.31	2
13829	C13H28O	2-methyldodecanol	22663-61-2	7.68372	2169.3492	183.562	141.01	298.31	2
13830	C13H28O	3-methyldodecanol	---	7.68372	2169.3492	183.562	141.01	298.31	2
13831	C13H28O	4-methyldodecanol	---	7.68372	2169.3492	183.562	141.01	298.31	2
13832	C13H28O	5-methyldodecanol	---	7.68372	2169.3492	183.562	141.01	298.31	2
13833	C13H28O	6-methyldodecanol	---	7.68372	2169.3492	183.562	141.01	298.31	2
13834	C13H28O	7-methyldodecanol	---	7.68372	2169.3492	183.562	141.01	298.31	2
13835	C13H28O	8-methyldodecanol	---	7.68372	2169.3492	183.562	141.01	298.31	2
13836	C13H28O	9-methyldodecanol	---	7.68372	2169.3492	183.562	141.01	298.31	2
13837	C13H28O	10-methyldodecanol	---	7.68372	2169.3492	183.562	141.01	298.31	2
13838	C13H28O	2,2-dimethylundecanol	---	7.13201	1939.0639	188.010	128.21	302.87	2
13839	C13H28O	2,3-dimethylundecanol	---	7.13201	1939.0639	188.010	128.21	302.87	2
13840	C13H28O	2,4-dimethylundecanol	---	7.13201	1939.0639	188.010	128.21	302.87	2

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mmHg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
13841	C13H28O	2,5-dimethylundecanol	---	7.13201	1939.0639	188.010	128.21	302.87	2
13842	C13H28O	2,6-dimethylundecanol	---	7.13201	1939.0639	188.010	128.21	302.87	2
13843	C13H28O	2,7-dimethylundecanol	---	7.13201	1939.0639	188.010	128.21	302.87	2
13844	C13H28O	2,8-dimethylundecanol	---	7.13201	1939.0639	188.010	128.21	302.87	2
13845	C13H28O	3,3-dimethylundecanol	---	7.13201	1939.0639	188.010	128.21	302.87	2
13846	C13H28O	3,4-dimethylundecanol	---	7.13201	1939.0639	188.010	128.21	302.87	2
13847	C13H28O	3,5-dimethylundecanol	---	7.13201	1939.0639	188.010	128.21	302.87	2
13848	C13H28O	3,6-dimethylundecanol	---	7.13201	1939.0639	188.010	128.21	302.87	2
13849	C13H28O	3,7-dimethylundecanol	---	7.13201	1939.0639	188.010	128.21	302.87	2
13850	C13H28O	3,8-dimethylundecanol	---	7.13201	1939.0639	188.010	128.21	302.87	2
13851	C13H28O	2-ethylundecanol	---	7.68372	2169.3492	183.562	141.01	298.31	2
13852	C13H28O	3-ethylundecanol	---	7.68372	2169.3492	183.562	141.01	298.31	2
13853	C13H28O	4-ethylundecanol	---	7.68372	2169.3492	183.562	141.01	298.31	2
13854	C13H28O	5-ethylundecanol	---	7.68372	2169.3492	183.562	141.01	298.31	2
13855	C13H28O	6-ethylundecanol	---	7.68372	2169.3492	183.562	141.01	298.31	2
13856	C13H28O	7-ethylundecanol	---	7.68372	2169.3492	183.562	141.01	298.31	2
13857	C13H28O	8-ethylundecanol	---	7.68372	2169.3492	183.562	141.01	298.31	2
13858	C13H28O	9-ethylundecanol	---	7.68372	2169.3492	183.562	141.01	298.31	2
13859	C13H28O	5-butyl-5-nonanol	597-93-3	7.57929	2125.8370	184.340	138.77	299.08	2
13860	C13H28O	1-methoxy-dodecane	3482-63-1	8.12598	2226.1860	186.314	126.09	263.95	2
13861	C13H28O	2-methoxy-dodecane	---	7.31707	1907.5286	191.874	110.09	269.41	2
13862	C13H28O	3-methoxy-dodecane	---	7.31707	1907.5286	191.874	110.09	269.41	2
13863	C13H28O	4-methoxy-dodecane	---	7.31707	1907.5286	191.874	110.09	269.41	2
13864	C13H28O	5-methoxy-dodecane	---	7.31707	1907.5286	191.874	110.09	269.41	2
13865	C13H28O	6-methoxy-dodecane	---	7.31707	1907.5286	191.874	110.09	269.41	2
13866	C13H28O	1-ethoxy-undecane	---	7.73510	2072.4325	188.816	118.89	266.34	2
13867	C13H28O	2-ethoxy-undecane	---	7.31707	1907.5286	191.874	110.09	269.41	2
13868	C13H28O	3-ethoxy-undecane	---	7.31707	1907.5286	191.874	110.09	269.41	2
13869	C13H28O	4-ethoxy-undecane	---	7.31707	1907.5286	191.874	110.09	269.41	2
13870	C13H28O	5-ethoxy-undecane	---	7.31707	1907.5286	191.874	110.09	269.41	2
13871	C13H28O	6-ethoxy-undecane	---	7.31707	1907.5286	191.874	110.09	269.41	2
13872	C13H28O	1-propoxy-decane	---	7.81783	2105.0057	188.260	120.49	265.80	2
13873	C13H28O	2-propoxy-decane	---	7.46226	1964.8646	190.762	113.29	268.27	2
13874	C13H28O	3-propoxy-decane	---	7.46226	1964.8646	190.762	113.29	268.27	2
13875	C13H28O	4-propoxy-decane	---	7.46226	1964.8646	190.762	113.29	268.27	2
13876	C13H28O	5-propoxy-decane	---	7.46226	1964.8646	190.762	113.29	268.27	2
13877	C13H28O	1-isopropoxy-decane	---	7.25408	1882.6301	192.375	108.65	269.93	2
13878	C13H28O	2-isopropoxy-decane	---	7.15214	1842.3113	193.209	106.25	270.81	2
13879	C13H28O	3-isopropoxy-decane	---	7.15214	1842.3113	193.209	106.25	270.81	2
13880	C13H28O	4-isopropoxy-decane	---	7.15214	1842.3113	193.209	106.25	270.81	2
13881	C13H28O	5-isopropoxy-decane	---	7.15214	1842.3113	193.209	106.25	270.81	2
13882	C13H28O2	1,2-tridecanediol	---	9.69924	3101.4373	166.548	189.97	309.32	3
13883	C13H28O2	1,3-tridecanediol	---	10.48994	3437.8279	163.490	198.77	306.92	3
13884	C13H28O2	1,4-tridecanediol	61828-34-0	12.53069	4303.5122	157.652	215.57	302.67	3
13885	C13H28O2	1,13-tridecanediol	13362-52-2	11.17012	3726.7025	161.266	205.17	305.25	3
13886	C13H28O2	1,12-tridecanediol	99706-68-0	10.86008	3595.0759	162.239	202.37	305.98	3
13887	C13H28S	1-tridecanethiol	19484-26-5	7.76600	2257.3884	175.219	158.42	317.21	2
13888	C13H28S	2-tridecanethiol	62155-03-7	7.44806	2121.6593	177.668	151.37	319.65	2
13889	C13H28S	3-tridecanethiol	---	7.41213	2105.5991	177.807	150.57	319.94	2
13890	C13H28S	4-tridecanethiol	---	7.39528	2098.3967	177.946	150.17	320.08	2
13891	C13H28S	5-tridecanethiol	---	7.37853	2091.2353	178.085	149.77	320.22	2
13892	C13H28S	6-tridecanethiol	---	7.36188	2084.1146	178.224	149.37	320.36	2
13893	C13H28S	7-tridecanethiol	---	7.34532	2077.0342	178.363	148.97	320.51	2
13894	C13H28S	2-methyl-1-dodecanethiol	---	7.32886	2069.9938	178.502	148.57	320.65	2
13895	C13H28S	3-methyl-1-dodecanethiol	---	7.49128	2139.4174	177.165	152.42	319.28	2
13896	C13H28S	4-methyl-1-dodecanethiol	---	7.47397	2132.0206	177.304	152.02	319.42	2
13897	C13H28S	5-methyl-1-dodecanethiol	---	7.45675	2124.6666	177.443	151.62	319.57	2
13898	C13H28S	6-methyl-1-dodecanethiol	---	7.43964	2117.3550	177.582	151.22	319.71	2
13899	C13H28S	7-methyl-1-dodecanethiol	---	7.42263	2110.0853	177.721	150.82	319.85	2
13900	C13H28S	8-methyl-1-dodecanethiol	---	7.40572	2102.8573	177.860	150.42	319.99	2
13901	C13H28S	9-methyl-1-dodecanethiol	---	7.38891	2095.6705	177.999	150.02	320.13	2
13902	C13H28S	10-methyl-1-dodecanethiol	---	7.37219	2088.5246	178.138	149.62	320.28	2
13903	C13H28S	11-methyl-1-dodecanethiol	---	7.35557	2081.4193	178.277	149.22	320.42	2
13904	C13H28S	2-methyl-2-dodecanethiol	---	7.25786	2039.6191	179.111	146.82	321.28	2
13905	C13H28S	3-methyl-2-dodecanethiol	---	7.24190	2032.7879	179.250	146.42	321.43	2
13906	C13H28S	4-methyl-2-dodecanethiol	---	7.22603	2025.9945	179.389	146.02	321.58	2
13907	C13H28S	5-methyl-2-dodecanethiol	---	7.21025	2019.2387	179.528	145.62	321.72	2
13908	C13H28S	6-methyl-2-dodecanethiol	---	7.19456	2012.5200	179.667	145.22	321.87	2
13909	C13H28S	7-methyl-2-dodecanethiol	---	7.17896	2005.8382	179.806	144.82	322.02	2
13910	C13H28S	8-methyl-2-dodecanethiol	---	7.16344	1999.1930	179.945	144.42	322.16	2
13911	C13H28S	9-methyl-2-dodecanethiol	---	7.14801	1992.5840	180.084	144.02	322.31	2
13912	C13H28S	10-methyl-2-dodecanethiol	---	7.13267	1986.0110	180.223	143.62	322.46	2
13913	C13H28S	11-methyl-2-dodecanethiol	---	7.11741	1979.4736	180.362	143.22	322.61	2
13914	C13H28S	2-thiatetradecane	3698-89-3	7.90323	2234.9978	178.135	145.63	295.24	2
13915	C13H28S	3-thiatetradecane	66577-30-8	7.86226	2218.1523	178.413	144.83	295.51	2
13916	C13H28S	4-thiatetradecane	66577-31-9	7.82183	2201.5217	178.691	144.03	295.78	2
13917	C13H28S	5-thiatetradecane	66577-32-0	7.78192	2185.1019	178.969	143.23	296.05	2
13918	C13H28S	6-thiatetradecane	---	7.74252	2168.8889	179.247	142.43	296.32	2
13919	C13H28S	7-thiatetradecane	---	7.70363	2152.8786	179.525	141.63	296.59	2
13920	C13H28S	3-methyl-2-thiatridecane	---	7.51638	2075.7369	180.915	137.63	297.97	2

Table 1 Vapor Pressure – Organic Compounds

log ₁₀ P = A - B/(T + C) (P - mmHg, T - C)									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
13921	C13H28S	4-methyl-2-thiatridecane	---	7.48031	2060.8655	181.193	136.83	298.25	2
13922	C13H28S	5-methyl-2-thiatridecane	---	7.44469	2046.1717	181.471	136.03	298.53	2
13923	C13H28S	6-methyl-2-thiatridecane	---	7.40950	2031.6523	181.749	135.23	298.81	2
13924	C13H28S	7-methyl-2-thiatridecane	---	7.37473	2017.3043	182.027	134.43	299.10	2
13925	C13H28S	8-methyl-2-thiatridecane	---	7.48031	2060.8655	181.193	136.83	298.25	2
13926	C13H28S	2-methyl-3-thiatridecane	---	7.44469	2046.1717	181.471	136.03	298.53	2
13927	C13H28S	4-methyl-3-thiatridecane	---	7.40950	2031.6523	181.749	135.23	298.81	2
13928	C13H28S	5-methyl-3-thiatridecane	---	7.37473	2017.3043	182.027	134.43	299.10	2
13929	C13H28S	6-methyl-3-thiatridecane	---	7.34038	2003.1244	182.305	133.63	299.38	2
13930	C13H28S	7-methyl-3-thiatridecane	---	7.30644	1989.1097	182.583	132.83	299.67	2
13931	C13H28S	8-methyl-3-thiatridecane	---	7.27290	1975.2573	182.861	132.03	299.96	2
13932	C13H28S2	1,13-tridecanedithiol	---	6.58204	1943.5355	163.535	184.64	408.06	2
13933	C13H28S2	1,12-tridecanedithiol	---	6.57092	1938.2108	163.674	184.24	408.23	2
13934	C13H28S2	1,11-tridecanedithiol	---	6.55985	1932.9093	163.813	183.84	408.39	2
13935	C13H28S2	1,10-tridecanedithiol	---	6.54884	1927.6308	163.952	183.44	408.56	2
13936	C13H28S2	1,9-tridecanedithiol	---	6.53787	1922.3752	164.091	183.04	408.72	2
13937	C13H28S2	1,8-tridecanedithiol	---	6.52695	1917.1424	164.230	182.64	408.89	2
13938	C13H28S2	1,7-tridecanedithiol	---	6.51608	1911.9321	164.369	182.24	409.06	2
13939	C13H28S2	1,6-tridecanedithiol	---	6.50526	1906.7443	164.508	181.84	409.22	2
13940	C13H28S2	1,5-tridecanedithiol	---	6.49448	1901.5787	164.647	181.44	409.39	2
13941	C13H28S2	1,4-tridecanedithiol	---	6.48376	1896.4353	164.786	181.04	409.56	2
13942	C13H28S2	1,3-tridecanedithiol	---	6.47308	1891.3139	164.925	180.64	409.73	2
13943	C13H28S2	1,2-tridecanedithiol	---	6.46245	1886.2143	165.064	180.24	409.90	2
13944	C13H28S2	2,3-dithiapentadecane	---	7.34305	2145.8757	169.326	168.98	346.36	2
13945	C13H28S2	3,4-dithiapentadecane	---	7.31131	2131.8428	169.604	168.18	346.65	2
13946	C13H28S2	4,5-dithiapentadecane	---	7.27992	2117.9619	169.882	167.38	346.94	2
13947	C13H28S2	5,6-dithiapentadecane	---	7.24887	2104.2304	170.160	166.58	347.23	2
13948	C13H28S2	6,7-dithiapentadecane	---	7.21817	2090.6458	170.438	165.78	347.52	2
13949	C13H28S2	7,8-dithiapentadecane	---	7.18780	2077.2057	170.716	164.98	347.81	2
13950	C13H28S2	2,4-dithiapentadecane	---	7.68122	2295.1564	166.546	176.98	343.56	2
13951	C13H28S2	3,5-dithiapentadecane	---	7.64560	2279.4526	166.824	176.18	343.83	2
13952	C13H28S2	4,6-dithiapentadecane	---	7.61041	2263.9293	167.102	175.38	344.11	2
13953	C13H28S2	5,7-dithiapentadecane	---	7.57562	2248.5833	167.380	174.58	344.39	2
13954	C13H28S2	6,8-dithiapentadecane	---	7.54124	2233.4116	167.658	173.78	344.66	2
13955	C13H28S2	7,9-dithiapentadecane	---	7.50725	2218.4111	167.936	172.98	344.94	2
13956	C13H29N	tridecylamine	2869-34-3	7.90110	2274.5645	178.224	151.37	303.75	1,2
13957	C13H29N	dimethylundecylamine	17373-28-3	8.41836	2340.4956	185.730	129.77	261.23	2
13958	C13H29N	diethylnonylamine	45124-35-4	7.46404	1965.1736	191.846	112.17	267.07	2
13959	C13H29N	N-methyldihexylamine	37615-53-5	8.14380	2232.7382	187.306	125.24	262.67	2
13960	C13H29N	methyldodecylamine	7311-30-0	7.85976	2192.9022	183.506	136.17	285.27	2
13961	C13H29N	ethylundecylamine	59570-04-6	7.77860	2159.8824	184.062	134.57	285.81	2
13962	C13H29N	6-methyl-N-isopentyl-2-heptanamine	502-59-0	7.34451	1982.9277	187.306	125.24	289.05	2
13963	C13H29N	tert-amyl-tert-octylamine	150285-07-7	6.07359	1460.3519	200.464	87.37	304.54	2
13964	C14H31N	methyltridecylamine	45165-81-9	7.83850	2243.2223	179.058	148.97	302.67	2
13965	C14H31N	ethyltridecylamine	35902-57-9	7.79900	2226.7142	179.336	148.17	302.93	2
13966	C14H31N	dihexylamine	2470-68-0	7.69898	2179.9694	180.448	144.97	302.15	1,2
13967	C13H36CuN2S4	bis(diisobutylidithio-carbamate)copper	51205-55-1	9.51800	5317.0000	273.150	351.06	566.00	3
13968	C14F30O2	tetracosafuoro-1,12-bis(trifluoromethoxy)-dodecane	900002-11-1	8.87900	2819.0000	273.150	84.64	221.66	3
13969	C14H8O2	anthraquinone	84-65-1	8.48128	3815.4716	301.228	208.77	418.75	1,2
13970	C14H9Cl5	o,p'-DDT	789-02-6	6.08028	2281.7682	272.435	176.71	514.81	3
13971	C14H10	anthracene	120-12-7	4.03871	319.1668	-64.406	169.44	436.89	1,2
13972	C14H10	diphenylacetylene	501-65-5	9.49103	2925.1659	197.057	147.44	266.58	3
13973	C14H10	phenanthrene	85-01-8	7.38794	2421.7647	201.269	177.85	374.51	1,2
13974	C14H10O2	benzil	134-81-6	7.66277	2773.8735	233.221	183.10	385.82	1,2
13975	C14H11FO3	2'-fluoro-2-hydroxy-4-methoxybenzo-phenone	3119-88-8	13.84710	5712.0000	273.150	171.46	262.42	3
13976	C14H12	cis-stilbene	645-49-8	7.82300	2268.1510	170.857	161.57	317.85	3
13977	C14H12	trans-stilbene	103-30-0	7.15067	2031.1799	169.302	160.93	342.48	1,2
13978	C14H12	1,1-diphenylethene	530-48-3	7.24042	1959.9947	179.031	135.05	303.90	1,2
13979	C14H12	9,10-dihydrophenanthrene	776-35-2	11.86005	4680.2443	273.150	157.81	266.16	3
13980	C14H12	1-methylfluorene	1730-37-6	6.38554	1706.4573	173.823	143.04	358.83	3
13981	C14H12	stilbene	588-59-0	7.82300	2268.1510	170.857	161.57	317.85	3
13982	C14H12O2	benzyl benzoate	120-51-4	7.49738	2356.1257	186.813	175.81	359.15	1,2
13983	C14H12O2	benzoin	579-44-2	7.63475	2594.9532	202.854	188.26	379.90	1,2
13984	C14H14	1,1-diphenylethane	612-00-0	7.35640	2127.0208	205.400	129.23	304.12	1,2
13985	C14H14	1,2-diphenylethane	103-29-7	7.22281	2087.3009	197.874	137.55	318.66	1,2
13986	C14H14	2-methyldiphenylmethane	713-36-0	7.20293	2014.9951	185.705	139.14	315.40	1,2
13987	C14H14	3-methyldiphenylmethane	620-47-3	7.20318	2010.7008	185.945	138.20	314.06	1,2
13988	C14H14	4-methyldiphenylmethane	620-83-7	7.33172	2062.0062	185.428	140.23	311.46	1,2
13989	C14H14	2,2'-dimethylbiphenyl	605-39-0	7.11168	1870.8485	184.340	121.77	291.72	1,2
13990	C14H14	2,3'-trimethylbiphenyl	611-43-8	7.15797	1936.4489	179.892	134.57	307.13	1,2
13991	C14H14	2,4'-dimethylbiphenyl	611-61-0	7.10602	1920.1144	179.892	134.57	309.41	1,2
13992	C14H14	3,3'-dimethylbiphenyl	612-75-9	7.13848	1968.7724	176.556	144.17	321.03	1,2
13993	C14H14	3,4'-dimethylbiphenyl	7383-90-6	6.77672	1843.6992	177.390	141.77	335.48	1,2
13994	C14H14	4,4'-dimethylbiphenyl	613-33-2	7.08028	1972.3239	174.610	149.77	331.32	1,2
13995	C14H14	2-ethylbiphenyl	1812-51-7	7.11492	1897.2796	182.125	128.15	300.27	1,2
13996	C14H14	3-ethylbiphenyl	5668-93-9	7.13394	1967.1883	176.567	144.14	321.19	1,2
13997	C14H14	4-ethylbiphenyl	5707-44-8	7.36374	2031.0532	177.390	141.77	308.29	2
13998	C14H14	2,3-dimethylbiphenyl	3864-18-4	7.19811	1962.0145	178.780	137.77	309.74	2
13999	C14H14	3,4-dimethylbiphenyl	4433-11-8	7.13478	1954.7769	177.668	140.97	316.84	1,2
14000	C14H14	2,6-dimethylbiphenyl	3976-34-9	7.12592	1891.1951	182.950	125.77	296.55	1,2

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mmHg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
14001	C14H14	1,3-dimethyl-4-phenyl benzene	---	9.57485	2934.4927	187.700	154.52	271.32	3
14002	C14H14	1,3-dimethyl-5-phenyl benzene	---	10.83444	3479.1094	186.750	167.02	267.88	3
14003	C14H14	1,4-dimethyl-2-phenyl benzene	---	8.72936	2567.1862	188.270	143.86	274.49	3
14004	C14H14	2,5-dimethylbiphenyl	7372-85-2	7.14491	1939.8174	179.245	136.43	310.23	2
14005	C14H14	2,4-dimethylbiphenyl	4433-10-7	7.35065	1990.4084	180.448	132.97	297.01	1,2
14006	C14H14	3,5-dimethylbiphenyl	17057-88-4	6.99491	1886.7371	179.753	134.97	315.06	1,2
14007	C14H14O	dibenzyl ether	103-50-4	7.03997	1988.8850	180.145	149.14	335.36	1,2
14008	C14H15N	dibenzylamine	103-49-1	7.57350	2606.5988	231.069	165.46	362.47	3
14009	C14H16	1-butyl naphthalene	1634-09-9	4.96336	647.2660	23.955	139.36	339.37	1,2
14010	C14H16	2-butyl naphthalene	1134-62-9	7.23295	1969.5664	165.701	150.29	320.48	1,2
14011	C14H16	1-sec-butyl naphthalene	1680-58-6	7.59007	2168.1344	172.150	156.85	319.69	2
14012	C14H16	2-sec-butyl naphthalene	4614-03-3	7.99187	2338.3270	169.255	165.18	316.88	2
14013	C14H16	1-isobutyl naphthalene	16727-91-6	7.39344	2214.1414	211.314	135.00	314.41	1,2
14014	C14H16	2-isobutyl naphthalene	26490-07-3	7.99187	2338.3270	169.255	165.18	316.88	2
14015	C14H16	1-tert-butyl naphthalene	17085-91-5	7.14244	2015.9898	194.207	134.00	314.81	1,2
14016	C14H16	2-tert-butyl naphthalene	2876-35-9	7.16324	2071.9843	202.184	134.00	318.23	1,2
14017	C14H16	1-methyl-2-propyl naphthalene	39036-65-2	7.99187	2338.3270	169.255	165.18	316.88	2
14018	C14H16	2-methyl-1-propyl naphthalene	54774-89-9	7.99187	2338.3270	169.255	165.18	316.88	2
14019	C14H16	3-methyl-2-propyl naphthalene	66577-19-3	7.99187	2338.3270	169.255	165.18	316.88	2
14020	C14H16	2-methyl-1-isopropyl naphthalene	32114-79-7	7.99187	2338.3270	169.255	165.18	316.88	2
14021	C14H16	3-methyl-2-isopropyl naphthalene	66577-18-2	7.99187	2338.3270	169.255	165.18	316.88	2
14022	C14H16	1-methyl-3-isopropyl naphthalene	66577-16-0	7.99187	2338.3270	169.255	165.18	316.88	2
14023	C14H16	1-methyl-4-isopropyl naphthalene	1680-53-1	7.99187	2338.3270	169.255	165.18	316.88	2
14024	C14H16	1-methyl-6-isopropyl naphthalene	10136-83-1	7.99187	2338.3270	169.255	165.18	316.88	2
14025	C14H16	1-methyl-7-isopropyl naphthalene	490-65-3	6.84893	1780.0228	160.333	144.00	325.07	2
14026	C14H16	2-methyl-8-isopropyl naphthalene	---	6.90515	1822.5896	164.644	144.00	324.86	2
14027	C14H16	1,2-diethylnaphthalene	19182-11-7	7.99187	2338.3270	169.255	165.18	316.88	2
14028	C14H16	1,4-diethylnaphthalene	37796-58-0	7.99187	2338.3270	169.255	165.18	316.88	2
14029	C14H16	1,6-diethylnaphthalene	19182-13-9	7.99187	2338.3270	169.255	165.18	316.88	2
14030	C14H16	1,7-diethylnaphthalene	66577-37-5	7.99187	2338.3270	169.255	165.18	316.88	2
14031	C14H16	2,3-diethylnaphthalene	66610-91-1	7.99187	2338.3270	169.255	165.18	316.88	2
14032	C14H16	2,6-diethylnaphthalene	59919-41-4	7.62644	2183.5574	171.872	157.65	319.41	2
14033	C14H16	2,4-dimethyl-1-ethylnaphthalene	66577-14-8	7.99187	2338.3270	169.255	165.18	316.88	2
14034	C14H16	4,6-dimethyl-1-ethylnaphthalene	66577-15-9	7.99187	2338.3270	169.255	165.18	316.88	2
14035	C14H16	2,5-dimethyl-3-ethylnaphthalene	---	7.99187	2338.3270	169.255	165.18	316.88	2
14036	C14H16	1,2-dimethyl-4-ethylnaphthalene	66577-38-6	7.99187	2338.3270	169.255	165.18	316.88	2
14037	C14H16	1,3-dimethyl-5-ethylnaphthalene	66577-40-0	7.99187	2338.3270	169.255	165.18	316.88	2
14038	C14H16	1,4-dimethyl-5-ethylnaphthalene	66309-90-8	7.99187	2338.3270	169.255	165.18	316.88	2
14039	C14H16	1,3-dimethyl-6-ethylnaphthalene	39622-45-2	7.99187	2338.3270	169.255	165.18	316.88	2
14040	C14H16	1,4-dimethyl-6-ethylnaphthalene	66610-92-2	7.99187	2338.3270	169.255	165.18	316.88	2
14041	C14H16	1,2-dimethyl-7-ethylnaphthalene	66577-39-7	7.99187	2338.3270	169.255	165.18	316.88	2
14042	C14H16	1,2,3,4-tetramethylnaphthalene	3031-15-0	7.99187	2338.3270	169.255	165.18	316.88	2
14043	C14H16	1,2,3,6-tetramethylnaphthalene	66577-20-6	7.99187	2338.3270	169.255	165.18	316.88	2
14044	C14H16	1,2,4,6-tetramethylnaphthalene	66577-21-7	7.99187	2338.3270	169.255	165.18	316.88	2
14045	C14H16	1,2,4,7-tetramethylnaphthalene	16020-17-0	7.99187	2338.3270	169.255	165.18	316.88	2
14046	C14H16	1,2,4,8-tetramethylnaphthalene	66577-22-8	7.99187	2338.3270	169.255	165.18	316.88	2
14047	C14H16	1,2,5,6-tetramethylnaphthalene	2131-43-3	7.99187	2338.3270	169.255	165.18	316.88	2
14048	C14H16	1,2,5,8-tetramethylnaphthalene	3031-16-1	7.99187	2338.3270	169.255	165.18	316.88	2
14049	C14H16	1,2,6,8-tetramethylnaphthalene	66577-00-2	7.99187	2338.3270	169.255	165.18	316.88	2
14050	C14H16	1,3,5,8-tetramethylnaphthalene	14558-12-4	7.99187	2338.3270	169.255	165.18	316.88	2
14051	C14H16	1,3,6,7-tetramethylnaphthalene	7435-50-9	7.99187	2338.3270	169.255	165.18	316.88	2
14052	C14H16	1,4,5,8-tetramethylnaphthalene	2717-39-7	7.99187	2338.3270	169.255	165.18	316.88	2
14053	C14H16	1,4,6,7-tetramethylnaphthalene	13764-18-6	7.99187	2338.3270	169.255	165.18	316.88	2
14054	C14H16	2,3,6,7-tetramethylnaphthalene	1134-40-3	8.21343	2439.6925	169.255	168.96	315.62	2
14055	C14H16	7-methyl-1-isopropyl naphthalene	66577-17-1	6.81187	1831.5415	177.668	137.47	326.89	2
14056	C14H16	1,3,6,8-tetramethylnaphthalene	14558-14-6	7.63427	2186.8774	171.813	157.82	319.35	2
14057	C14H17ClO3	hexyl 2,4,5-trichloro-phenoxyacetate	2630-13-9	5.53216	1529.2209	120.880	216.54	529.77	3
14058	C14H18	1,2,3,4,5,6,7,8-octahydroanthracene	1079-71-6	10.37085	3697.8503	237.900	156.71	276.48	3
14059	C14H18	1,2,3,4,5,6,7,8-octahydrophenanthrene	5325-97-3	11.27194	4365.0853	264.400	160.55	275.16	3
14060	C14H18Cl2O3	hexyl 2,4-dichloro-phenoxyacetate	1917-95-9	5.92591	1711.0262	142.280	205.07	481.26	3
14061	C14H18Cl2O3	4-methylpentyl 2,4-dichloro-phenoxyacetate	900002-12-2	7.16556	3157.7531	317.360	194.80	475.31	3
14062	C14H20	1-butyl-[1,2,3,4-tetrahydronaphthalene]	38857-76-0	6.74387	1790.4178	180.134	131.58	322.51	2
14063	C14H20	2-butyl-[1,2,3,4-tetrahydronaphthalene]	36230-28-1	6.89211	1853.1339	178.641	135.87	320.82	2
14064	C14H20	1,2,3,4-tetrahydro-1,1,2,6-tetramethylnaphthalene	1681-22-7	6.75588	1795.9569	180.127	131.89	322.37	2
14065	C14H20	(3-cyclopentylpropyl)benzene	2883-12-7	9.42847	3479.9997	273.150	139.74	283.95	3
14066	C14H20	5-butyl-1,2,3,4-tetrahydronaphthalene	66325-42-6	6.93220	1870.0780	178.252	136.99	320.39	2
14067	C14H20	1,2,3,4-tetrahydro-5-isobutyl naphthalene	5458-54-8	6.67161	1759.8033	180.893	129.39	323.38	2
14068	C14H20	1,8-cyclotetradecadiyne	1540-80-3	4.26166	430.0941	53.134	78.73	345.17	3
14069	C14H20	1-cyclohexyl-2-phenylethane	1603-61-8	8.97641	3239.7341	273.150	133.01	285.95	3
14070	C14H20Cl2	1,2-dichloro-3,4,5,6-tetraethylbenzene	900000-11-5	7.80486	2614.6200	229.361	154.87	336.21	3
14071	C14H20Cl2	1,4-dichloro-2,3,5,6-tetraethylbenzene	900000-12-6	8.02029	2923.7610	272.930	143.54	331.35	3
14072	C14H20O2	4-heptylbenzoic acid	38350-87-7	6.10240	1698.8449	179.100	153.85	402.58	2
14073	C14H21Cl	3,5-di-tert-butyl chlorobenzene	80438-67-1	5.73666	1447.0959	184.660	120.85	381.76	2
14074	C14H22	octylbenzene	2189-60-8	7.46418	2121.3576	201.988	126.18	293.39	1,2
14075	C14H22	2-octylbenzene	777-22-0	7.23349	1933.1306	183.270	126.85	293.85	2
14076	C14H22	1,2,3,4-tetraethylbenzene	642-32-0	7.21801	2140.5006	232.668	111.57	297.66	2
14077	C14H22	1,2,3,5-tetraethylbenzene	38842-05-6	7.07323	2009.9366	218.567	112.38	297.94	2
14078	C14H22	1,2,4,5-tetraethylbenzene	635-81-4	7.08506	2011.0350	217.480	113.01	297.75	2
14079	C14H22	1,4-di-tert-butylbenzene	1012-72-2	7.38895	1915.5076	189.900	109.92	265.40	1,2
14080	C14H22	(1-methylheptyl)benzene	777-22-0	6.88777	1791.9098	186.346	118.00	297.18	2

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mmHg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
14081	C14H22	1,3-di-tert-butylbenzene	1014-60-4	6.88777	1791.9098	186.346	118.00	297.18	2
14082	C14H22	6,8-tetradecadiyne	16387-72-7	7.04295	1923.7413	186.346	132.00	311.89	2
14083	C14H22O	p-tert-octylphenol	140-66-9	7.93861	2310.8976	175.319	157.73	310.49	2
14084	C14H22O	2,4-di-tert-butylphenol	96-76-4	7.53588	2084.8220	182.811	136.17	296.01	1,2
14085	C14H22O	2,6-di-sec-butylphenol	5510-99-6	7.58880	2081.0677	184.479	131.37	287.74	1,2
14086	C14H22O	2,6-di-tert-butylphenol	128-39-2	6.75840	1810.2444	185.269	129.10	320.87	2
14087	C14H22O	4-octylphenol	1806-26-4	7.10723	1958.7730	181.880	138.85	317.12	2
14088	C14H22O	tert-octylphenol	27193-28-8	7.59511	2165.6857	177.807	150.57	312.91	2
14089	C14H22O	3,5-bis(1,1-dimethylethyl)phenol	1138-52-9	6.81778	1835.5675	184.660	130.85	320.18	2
14090	C14H22O	2-isopropyl-6-(1-methylbutyl)phenol	74926-98-0	6.81778	1835.5675	184.660	130.85	320.18	2
14091	C14H23N	N,N-dibutylaniline	613-29-6	7.53239	2089.5792	179.670	140.21	300.63	1,2
14092	C14H23N	4-octylaniline	16245-79-7	7.39093	2084.5291	176.320	149.85	318.93	2
14093	C14H23N	2,6-diisopropyl-N,N-dimethylaniline	2909-77-5	7.51561	2070.2664	180.810	136.93	296.90	2
14094	C14H23N	N-(2-ethylhexyl)aniline	10137-80-1	6.89323	1872.5144	180.810	136.93	323.72	2
14095	C14H23N	b-sec-butyl-N,N-dimethylphenethylamine	33132-61-5	6.40854	1710.3941	180.810	135.43	349.27	2
14096	C14H24	tetradecahydrophenanthrene	5743-97-5	4.36639	446.6405	37.300	95.38	339.76	3
14097	C14H24	trans-cisoid-trans-perhydroanthracene	1755-19-7	6.81205	1733.0954	177.500	120.69	299.91	3
14098	C14H24O	2-tetradecynal	---	6.52427	1864.0225	174.054	163.37	383.63	2
14099	C14H24O	3-tetradecynal	---	6.52427	1864.0225	174.054	163.37	383.63	2
14100	C14H24O	4-tetradecynal	---	6.52427	1864.0225	174.054	163.37	383.63	2
14101	C14H24O	5-tetradecynal	---	6.52427	1864.0225	174.054	163.37	383.63	2
14102	C14H24O	6-tetradecynal	---	6.52427	1864.0225	174.054	163.37	383.63	2
14103	C14H24O	7-tetradecynal	---	6.52427	1864.0225	174.054	163.37	383.63	2
14104	C14H24O	8-tetradecynal	---	6.52427	1864.0225	174.054	163.37	383.63	2
14105	C14H24O	9-tetradecynal	---	6.52427	1864.0225	174.054	163.37	383.63	2
14106	C14H24O	10-tetradecynal	---	6.52427	1864.0225	174.054	163.37	383.63	2
14107	C14H24O	11-tetradecynal	---	6.52427	1864.0225	174.054	163.37	383.63	2
14108	C14H24O	12-tetradecynal	---	6.52427	1864.0225	174.054	163.37	383.63	2
14109	C14H24O	13-tetradecynal	---	6.52427	1864.0225	174.054	163.37	383.63	2
14110	C14H24O	2-methyl-12-tridecynal	---	6.31039	1764.1341	176.834	155.37	387.05	2
14111	C14H24O	3-methyl-12-tridecynal	---	6.31039	1764.1341	176.834	155.37	387.05	2
14112	C14H24O	4-methyl-12-tridecynal	---	6.31039	1764.1341	176.834	155.37	387.05	2
14113	C14H24O	5-methyl-12-tridecynal	---	6.31039	1764.1341	176.834	155.37	387.05	2
14114	C14H24O	6-methyl-12-tridecynal	---	6.31039	1764.1341	176.834	155.37	387.05	2
14115	C14H24O	7-methyl-12-tridecynal	---	6.31039	1764.1341	176.834	155.37	387.05	2
14116	C14H24O	8-methyl-12-tridecynal	---	6.31039	1764.1341	176.834	155.37	387.05	2
14117	C14H24O	9-methyl-12-tridecynal	---	6.31039	1764.1341	176.834	155.37	387.05	2
14118	C14H24O	10-methyl-12-tridecynal	---	6.31039	1764.1341	176.834	155.37	387.05	2
14119	C14H24O	11-methyl-12-tridecynal	---	6.31039	1764.1341	176.834	155.37	387.05	2
14120	C14H24O	4-methyl-2-tridecynal	---	6.31039	1764.1341	176.834	155.37	387.05	2
14121	C14H24O	5-methyl-2-tridecynal	---	6.31039	1764.1341	176.834	155.37	387.05	2
14122	C14H24O	6-methyl-2-tridecynal	---	6.31039	1764.1341	176.834	155.37	387.05	2
14123	C14H24O	7-methyl-2-tridecynal	---	6.31039	1764.1341	176.834	155.37	387.05	2
14124	C14H24O	8-methyl-2-tridecynal	---	6.31039	1764.1341	176.834	155.37	387.05	2
14125	C14H24O	9-methyl-2-tridecynal	---	6.31039	1764.1341	176.834	155.37	387.05	2
14126	C14H24O	10-methyl-2-tridecynal	---	6.31039	1764.1341	176.834	155.37	387.05	2
14127	C14H24O	11-methyl-2-tridecynal	---	6.31039	1764.1341	176.834	155.37	387.05	2
14128	C14H24O	12-methyl-2-tridecynal	---	6.31039	1764.1341	176.834	155.37	387.05	2
14129	C14H24O2	2-tetradecynoic acid	---	7.71259	2577.1420	149.289	235	420	3
14130	C14H24O2	3-tetradecynoic acid	---	7.71259	2577.1420	149.289	235	420	3
14131	C14H24O2	4-tetradecynoic acid	---	7.71259	2577.1420	149.289	235	420	3
14132	C14H24O2	5-tetradecynoic acid	---	7.71259	2577.1420	149.289	235	420	3
14133	C14H24O2	6-tetradecynoic acid	---	7.71259	2577.1420	149.289	235	420	3
14134	C14H24O2	7-tetradecynoic acid	---	7.71259	2577.1420	149.289	235	420	3
14135	C14H24O2	8-tetradecynoic acid	---	7.71259	2577.1420	149.289	235	420	3
14136	C14H24O2	9-tetradecynoic acid	---	7.71259	2577.1420	149.289	235	420	3
14137	C14H24O2	10-tetradecynoic acid	---	7.71259	2577.1420	149.289	235	420	3
14138	C14H24O2	11-tetradecynoic acid	---	7.71259	2577.1420	149.289	235	420	3
14139	C14H24O2	12-tetradecynoic acid	---	7.71259	2577.1420	149.289	235	420	3
14140	C14H24O2	13-tetradecynoic acid	---	7.71259	2577.1420	149.289	235	420	3
14141	C14H24O2	4-methyl-2-tridecynoic acid	---	7.71259	2577.1420	149.289	235	420	3
14142	C14H24O2	5-methyl-2-tridecynoic acid	---	7.71259	2577.1420	149.289	235	420	3
14143	C14H24O2	6-methyl-2-tridecynoic acid	---	7.71259	2577.1420	149.289	235	420	3
14144	C14H24O2	7-methyl-2-tridecynoic acid	---	7.71259	2577.1420	149.289	235	420	3
14145	C14H24O2	8-methyl-2-tridecynoic acid	---	7.71259	2577.1420	149.289	235	420	3
14146	C14H24O2	9-methyl-2-tridecynoic acid	---	7.71259	2577.1420	149.289	235	420	3
14147	C14H24O2	10-methyl-2-tridecynoic acid	---	7.71259	2577.1420	149.289	235	420	3
14148	C14H24O2	11-methyl-2-tridecynoic acid	---	7.71259	2577.1420	149.289	235	420	3
14149	C14H24O2	12-methyl-2-tridecynoic acid	---	7.71259	2577.1420	149.289	235	420	3
14150	C14H24O2	2-methyl-3-tridecynoic acid	---	7.71259	2577.1420	149.289	235	420	3
14151	C14H24O2	3-methyl-3-tridecynoic acid	---	7.71259	2577.1420	149.289	235	420	3
14152	C14H24O2	4-methyl-3-tridecynoic acid	---	7.71259	2577.1420	149.289	235	420	3
14153	C14H24O2	5-methyl-3-tridecynoic acid	---	7.71259	2577.1420	149.289	235	420	3
14154	C14H24O2	6-methyl-3-tridecynoic acid	---	7.71259	2577.1420	149.289	235	420	3
14155	C14H24O2	7-methyl-3-tridecynoic acid	---	7.71259	2577.1420	149.289	235	420	3
14156	C14H24O2	8-methyl-3-tridecynoic acid	---	7.71259	2577.1420	149.289	235	420	3
14157	C14H24O2	9-methyl-3-tridecynoic acid	---	7.71259	2577.1420	149.289	235	420	3
14158	C14H24O2	10-methyl-3-tridecynoic acid	---	7.71259	2577.1420	149.289	235	420	3
14159	C14H24O2	11-methyl-3-tridecynoic acid	---	7.71259	2577.1420	149.289	235	420	3
14160	C14H24O2	12-methyl-3-tridecynoic acid	---	7.71259	2577.1420	149.289	235	420	3

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mmHg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
14161	C14H24O2	2-methyl-4-tridecynoic acid	---	7.71259	2577.1420	149.289	235	420	3
14162	C14H24O2	3-methyl-4-tridecynoic acid	---	7.71259	2577.1420	149.289	235	420	3
14163	C14H24O2	6-methyl-4-tridecynoic acid	---	7.71259	2577.1420	149.289	235	420	3
14164	C14H24O2	7-methyl-4-tridecynoic acid	---	7.71259	2577.1420	149.289	235	420	3
14165	C14H24O2	8-methyl-4-tridecynoic acid	---	7.71259	2577.1420	149.289	235	420	3
14166	C14H24O2	9-methyl-4-tridecynoic acid	---	7.71259	2577.1420	149.289	235	420	3
14167	C14H24O2	10-methyl-4-tridecynoic acid	---	7.71259	2577.1420	149.289	235	420	3
14168	C14H24O2	11-methyl-4-tridecynoic acid	---	7.71259	2577.1420	149.289	235	420	3
14169	C14H24O2	12-methyl-4-tridecynoic acid	---	7.71259	2577.1420	149.289	235	420	3
14170	C14H24O2	4-ethyl-2-dodecynoic acid	---	7.71259	2577.1420	149.289	235	420	3
14171	C14H24O2	5-ethyl-2-dodecynoic acid	---	7.71259	2577.1420	149.289	235	420	3
14172	C14H24O2	6-ethyl-2-dodecynoic acid	---	7.71259	2577.1420	149.289	235	420	3
14173	C14H24O2	7-ethyl-2-dodecynoic acid	---	7.71259	2577.1420	149.289	235	420	3
14174	C14H24O2	8-ethyl-2-dodecynoic acid	---	7.71259	2577.1420	149.289	235	420	3
14175	C14H24O2	9-ethyl-2-dodecynoic acid	---	7.71259	2577.1420	149.289	235	420	3
14176	C14H24O2	10-ethyl-2-dodecynoic acid	---	7.71259	2577.1420	149.289	235	420	3
14177	C14H24O2	11-ethyl-2-dodecynoic acid	---	7.71259	2577.1420	149.289	235	420	3
14178	C14H24S	2-nonylthiophene	---	7.27871	2052.6776	175.917	151.01	325.12	2
14179	C14H24S	3-decylthiophene	65016-55-9	7.34382	2080.5893	175.361	152.61	324.54	2
14180	C14H24S	2-isononylthiophene	---	7.12225	1985.5492	177.307	147.01	326.59	2
14181	C14H24S	3-isononylthiophene	---	7.18378	2011.9589	176.751	148.61	326.00	2
14182	C14H24S	2-sec-nonylthiophene	---	6.97426	1921.9615	178.697	143.01	328.09	2
14183	C14H24S	3-sec-nonylthiophene	---	7.03249	1946.9903	178.141	144.61	327.49	2
14184	C14H24S	2-tert-nonylthiophene	---	6.83407	1861.6348	180.087	139.01	329.64	2
14185	C14H24S	3-tert-nonylthiophene	---	6.88925	1885.3909	179.531	140.61	329.02	2
14186	C14H24S	2-methyl-3-octylthiophene	---	7.31108	2066.5551	175.639	151.81	324.83	2
14187	C14H24S	2-methyl-4-octylthiophene	---	7.34382	2080.5893	175.361	152.61	324.54	2
14188	C14H24S	2-methyl-5-octylthiophene	---	7.37695	2094.7829	175.083	153.41	324.26	2
14189	C14H24S	3-methyl-2-octylthiophene	---	7.37695	2094.7829	175.083	153.41	324.26	2
14190	C14H24S	3-methyl-4-octylthiophene	---	7.41047	2109.1387	174.805	154.21	323.97	2
14191	C14H24S	3-methyl-5-octylthiophene	---	7.44438	2123.6597	174.527	155.01	323.69	2
14192	C14H26	1-tetradecyne	765-10-6	7.63332	2076.0860	186.008	126.97	280.37	2
14193	C14H26	2-tetradecyne	638-60-8	8.63684	2942.4986	260.371	124.93	279.04	2
14194	C14H26	3-tetradecyne	60212-32-0	7.75148	2123.6390	185.174	129.37	279.55	2
14195	C14H26	4-tetradecyne	---	7.79191	2139.9013	184.896	130.17	279.28	2
14196	C14H26	5-tetradecyne	60212-34-2	7.46676	2046.2827	195.376	121.06	282.18	2
14197	C14H26	6-tetradecyne	3730-08-0	7.90703	2433.3527	233.300	119.00	281.67	2
14198	C14H26	7-tetradecyne	35216-11-6	8.06591	2250.0030	183.105	135.33	277.58	2
14199	C14H26	3-methyl-1-tridecyne	---	7.76961	2130.9310	185.049	129.73	279.43	2
14200	C14H26	4-methyl-1-tridecyne	---	7.76961	2130.9310	185.049	129.73	279.43	2
14201	C14H26	5-methyl-1-tridecyne	---	7.76961	2130.9310	185.049	129.73	279.43	2
14202	C14H26	6-methyl-1-tridecyne	---	7.76961	2130.9310	185.049	129.73	279.43	2
14203	C14H26	7-methyl-1-tridecyne	---	7.76961	2130.9310	185.049	129.73	279.43	2
14204	C14H26	8-methyl-1-tridecyne	---	7.76961	2130.9310	185.049	129.73	279.43	2
14205	C14H26	9-methyl-1-tridecyne	---	7.76961	2130.9310	185.049	129.73	279.43	2
14206	C14H26	10-methyl-1-tridecyne	---	7.76961	2130.9310	185.049	129.73	279.43	2
14207	C14H26	11-methyl-1-tridecyne	---	7.76961	2130.9310	185.049	129.73	279.43	2
14208	C14H26	12-methyl-1-tridecyne	---	7.76961	2130.9310	185.049	129.73	279.43	2
14209	C14H26	4-methyl-2-tridecyne	---	7.76961	2130.9310	185.049	129.73	279.43	2
14210	C14H26	5-methyl-2-tridecyne	---	7.76961	2130.9310	185.049	129.73	279.43	2
14211	C14H26	6-methyl-2-tridecyne	---	7.76961	2130.9310	185.049	129.73	279.43	2
14212	C14H26	7-methyl-2-tridecyne	---	7.76961	2130.9310	185.049	129.73	279.43	2
14213	C14H26	8-methyl-2-tridecyne	---	7.76961	2130.9310	185.049	129.73	279.43	2
14214	C14H26	9-methyl-2-tridecyne	---	7.76961	2130.9310	185.049	129.73	279.43	2
14215	C14H26	10-methyl-2-tridecyne	---	7.76961	2130.9310	185.049	129.73	279.43	2
14216	C14H26	11-methyl-2-tridecyne	---	7.76961	2130.9310	185.049	129.73	279.43	2
14217	C14H26	12-methyl-2-tridecyne	---	7.76961	2130.9310	185.049	129.73	279.43	2
14218	C14H26	5-methyl-3-tridecyne	---	7.76961	2130.9310	185.049	129.73	279.43	2
14219	C14H26	6-methyl-3-tridecyne	---	7.76961	2130.9310	185.049	129.73	279.43	2
14220	C14H26	7-methyl-3-tridecyne	---	7.76961	2130.9310	185.049	129.73	279.43	2
14221	C14H26	8-methyl-3-tridecyne	---	7.76961	2130.9310	185.049	129.73	279.43	2
14222	C14H26	9-methyl-3-tridecyne	---	7.76961	2130.9310	185.049	129.73	279.43	2
14223	C14H26	10-methyl-3-tridecyne	---	7.76961	2130.9310	185.049	129.73	279.43	2
14224	C14H26	11-methyl-3-tridecyne	---	7.76961	2130.9310	185.049	129.73	279.43	2
14225	C14H26	12-methyl-3-tridecyne	---	7.76961	2130.9310	185.049	129.73	279.43	2
14226	C14H26	3,3-dimethyl-1-dodecyne	---	7.49929	2022.0921	186.995	124.13	281.36	2
14227	C14H26	3,4-dimethyl-1-dodecyne	---	7.49929	2022.0921	186.995	124.13	281.36	2
14228	C14H26	3,5-dimethyl-1-dodecyne	---	7.49929	2022.0921	186.995	124.13	281.36	2
14229	C14H26	3,6-dimethyl-1-dodecyne	---	7.49929	2022.0921	186.995	124.13	281.36	2
14230	C14H26	3,7-dimethyl-1-dodecyne	---	7.49929	2022.0921	186.995	124.13	281.36	2
14231	C14H26	3,8-dimethyl-1-dodecyne	---	7.49929	2022.0921	186.995	124.13	281.36	2
14232	C14H26	3,9-dimethyl-1-dodecyne	---	7.49929	2022.0921	186.995	124.13	281.36	2
14233	C14H26	3,10-dimethyl-1-dodecyne	---	7.49929	2022.0921	186.995	124.13	281.36	2
14234	C14H26	3,11-dimethyl-1-dodecyne	---	7.49929	2022.0921	186.995	124.13	281.36	2
14235	C14H26	4,4-dimethyl-2-dodecyne	---	7.49929	2022.0921	186.995	124.13	281.36	2
14236	C14H26	4,5-dimethyl-2-dodecyne	---	7.49929	2022.0921	186.995	124.13	281.36	2
14237	C14H26	4,6-dimethyl-2-dodecyne	---	7.49929	2022.0921	186.995	124.13	281.36	2
14238	C14H26	4,7-dimethyl-2-dodecyne	---	7.49929	2022.0921	186.995	124.13	281.36	2
14239	C14H26	4,8-dimethyl-2-dodecyne	---	7.49929	2022.0921	186.995	124.13	281.36	2
14240	C14H26	4,9-dimethyl-2-dodecyne	---	7.49929	2022.0921	186.995	124.13	281.36	2

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mmHg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
14241	C14H26	4,10-dimethyl-2-dodecyne	---	7.49929	2022.0921	186.995	124.13	281.36	2
14242	C14H26	4,11-dimethyl-2-dodecyne	---	7.49929	2022.0921	186.995	124.13	281.36	2
14243	C14H26	3-ethyl-1-dodecyne	---	7.75148	2123.6390	185.174	129.37	279.55	2
14244	C14H26	4-ethyl-1-dodecyne	---	7.75148	2123.6390	185.174	129.37	279.55	2
14245	C14H26	5-ethyl-1-dodecyne	---	7.75148	2123.6390	185.174	129.37	279.55	2
14246	C14H26	6-ethyl-1-dodecyne	---	7.75148	2123.6390	185.174	129.37	279.55	2
14247	C14H26	7-ethyl-1-dodecyne	---	7.75148	2123.6390	185.174	129.37	279.55	2
14248	C14H26	8-ethyl-1-dodecyne	---	7.75148	2123.6390	185.174	129.37	279.55	2
14249	C14H26	9-ethyl-1-dodecyne	---	7.75148	2123.6390	185.174	129.37	279.55	2
14250	C14H26	10-ethyl-1-dodecyne	---	7.75148	2123.6390	185.174	129.37	279.55	2
14251	C14H26	11-ethyl-1-dodecyne	---	7.75148	2123.6390	185.174	129.37	279.55	2
14252	C14H26	1,1-dicyclohexylethane	2319-61-1	6.90727	1819.3515	180.679	127.31	307.68	1,2
14253	C14H26	1,2-dicyclohexylethane	3321-50-4	6.95555	1838.3545	180.309	128.37	306.84	1,2
14254	C14H26	1-nonylcyclopentene	62184-74-1	7.32356	1961.7926	190.740	119.50	282.93	2
14255	C14H26	(3-cyclopentylpropyl)cyclohexane	2883-07-0	9.29752	3458.4874	273.150	143.66	292.36	3
14256	C14H26	1,13-tetradecadiene	21964-49-8	8.06591	2250.0030	183.105	135.33	277.58	2
14257	C14H26O	2-tetradecyn-1-ol	---	7.96008	2473.7657	167.132	188	351	3
14258	C14H26O	3-tetradecyn-1-ol	---	7.96008	2473.7657	167.132	188	351	3
14259	C14H26O	4-tetradecyn-1-ol	---	7.96008	2473.7657	167.132	188	351	3
14260	C14H26O	5-tetradecyn-1-ol	---	7.96008	2473.7657	167.132	188	351	3
14261	C14H26O	6-tetradecyn-1-ol	---	7.96008	2473.7657	167.132	188	351	3
14262	C14H26O	7-tetradecyn-1-ol	---	7.96008	2473.7657	167.132	188	351	3
14263	C14H26O	8-tetradecyn-1-ol	---	7.96008	2473.7657	167.132	188	351	3
14264	C14H26O	9-tetradecyn-1-ol	---	7.96008	2473.7657	167.132	188	351	3
14265	C14H26O	10-tetradecyn-1-ol	---	7.96008	2473.7657	167.132	188	351	3
14266	C14H26O	11-tetradecyn-1-ol	---	7.96008	2473.7657	167.132	188	351	3
14267	C14H26O	12-tetradecyn-1-ol	---	7.96008	2473.7657	167.132	188	351	3
14268	C14H26O	13-tetradecyn-1-ol	---	7.96008	2473.7657	167.132	188	351	3
14269	C14H26O	3-tetradecyn-2-ol	---	7.96008	2473.7657	167.132	188	351	3
14270	C14H26O	4-tetradecyn-2-ol	---	7.96008	2473.7657	167.132	188	351	3
14271	C14H26O	5-tetradecyn-2-ol	---	7.96008	2473.7657	167.132	188	351	3
14272	C14H26O	6-tetradecyn-2-ol	---	7.96008	2473.7657	167.132	188	351	3
14273	C14H26O	7-tetradecyn-2-ol	---	7.96008	2473.7657	167.132	188	351	3
14274	C14H26O	8-tetradecyn-2-ol	---	7.96008	2473.7657	167.132	188	351	3
14275	C14H26O	9-tetradecyn-2-ol	---	7.96008	2473.7657	167.132	188	351	3
14276	C14H26O	10-tetradecyn-2-ol	---	7.96008	2473.7657	167.132	188	351	3
14277	C14H26O	11-tetradecyn-2-ol	---	7.96008	2473.7657	167.132	188	351	3
14278	C14H26O	12-tetradecyn-2-ol	---	7.96008	2473.7657	167.132	188	351	3
14279	C14H26O	13-tetradecyn-2-ol	---	7.96008	2473.7657	167.132	188	351	3
14280	C14H26O	4-tetradecyn-3-ol	---	7.96008	2473.7657	167.132	188	351	3
14281	C14H26O	5-tetradecyn-3-ol	---	7.96008	2473.7657	167.132	188	351	3
14282	C14H26O	6-tetradecyn-3-ol	---	7.96008	2473.7657	167.132	188	351	3
14283	C14H26O	7-tetradecyn-3-ol	---	7.96008	2473.7657	167.132	188	351	3
14284	C14H26O	8-tetradecyn-3-ol	---	7.96008	2473.7657	167.132	188	351	3
14285	C14H26O	9-tetradecyn-3-ol	---	7.96008	2473.7657	167.132	188	351	3
14286	C14H26O	10-tetradecyn-3-ol	---	7.96008	2473.7657	167.132	188	351	3
14287	C14H26O	11-tetradecyn-3-ol	---	7.96008	2473.7657	167.132	188	351	3
14288	C14H26O	12-tetradecyn-3-ol	---	7.96008	2473.7657	167.132	188	351	3
14289	C14H26O	13-tetradecyn-3-ol	---	7.96008	2473.7657	167.132	188	351	3
14290	C14H26O	5-tetradecyn-4-ol	---	7.96008	2473.7657	167.132	188	351	3
14291	C14H26O	6-tetradecyn-4-ol	---	7.96008	2473.7657	167.132	188	351	3
14292	C14H26O	7-tetradecyn-4-ol	---	7.96008	2473.7657	167.132	188	351	3
14293	C14H26O	8-tetradecyn-4-ol	---	7.96008	2473.7657	167.132	188	351	3
14294	C14H26O	9-tetradecyn-4-ol	---	7.96008	2473.7657	167.132	188	351	3
14295	C14H26O	10-tetradecyn-4-ol	---	7.96008	2473.7657	167.132	188	351	3
14296	C14H26O	11-tetradecyn-4-ol	---	7.96008	2473.7657	167.132	188	351	3
14297	C14H26O	12-tetradecyn-4-ol	---	7.96008	2473.7657	167.132	188	351	3
14298	C14H26O	13-tetradecyn-4-ol	---	7.96008	2473.7657	167.132	188	351	3
14299	C14H26O	6-tetradecyn-5-ol	---	7.96008	2473.7657	167.132	188	351	3
14300	C14H26O	7-tetradecyn-5-ol	---	7.96008	2473.7657	167.132	188	351	3
14301	C14H26O	8-tetradecyn-5-ol	---	7.96008	2473.7657	167.132	188	351	3
14302	C14H26O	9-tetradecyn-5-ol	---	7.96008	2473.7657	167.132	188	351	3
14303	C14H26O	10-tetradecyn-5-ol	---	7.96008	2473.7657	167.132	188	351	3
14304	C14H26O	11-tetradecyn-5-ol	---	7.96008	2473.7657	167.132	188	351	3
14305	C14H26O	12-tetradecyn-5-ol	---	7.96008	2473.7657	167.132	188	351	3
14306	C14H26O	13-tetradecyn-5-ol	---	7.96008	2473.7657	167.132	188	351	3
14307	C14H26O	1-methyl-2-tridecyn-1-ol	---	7.96008	2473.7657	167.132	188	351	3
14308	C14H26O	4-methyl-2-tridecyn-1-ol	---	7.96008	2473.7657	167.132	188	351	3
14309	C14H26O	5-methyl-2-tridecyn-1-ol	---	7.96008	2473.7657	167.132	188	351	3
14310	C14H26O	6-methyl-2-tridecyn-1-ol	---	7.96008	2473.7657	167.132	188	351	3
14311	C14H26O	7-methyl-2-tridecyn-1-ol	---	7.96008	2473.7657	167.132	188	351	3
14312	C14H26O	8-methyl-2-tridecyn-1-ol	---	7.96008	2473.7657	167.132	188	351	3
14313	C14H26O	9-methyl-2-tridecyn-1-ol	---	7.96008	2473.7657	167.132	188	351	3
14314	C14H26O	10-methyl-2-tridecyn-1-ol	---	7.96008	2473.7657	167.132	188	351	3
14315	C14H26O	11-methyl-2-tridecyn-1-ol	---	7.96008	2473.7657	167.132	188	351	3
14316	C14H26O	12-methyl-2-tridecyn-1-ol	---	7.96008	2473.7657	167.132	188	351	3
14317	C14H26O	1-methyl-3-tridecyn-1-ol	---	7.96008	2473.7657	167.132	188	351	3
14318	C14H26O	2-methyl-3-tridecyn-1-ol	---	7.96008	2473.7657	167.132	188	351	3
14319	C14H26O	5-methyl-3-tridecyn-1-ol	---	7.96008	2473.7657	167.132	188	351	3
14320	C14H26O	6-methyl-3-tridecyn-1-ol	---	7.96008	2473.7657	167.132	188	351	3

Table 1 Vapor Pressure – Organic Compounds

log ₁₀ P = A - B/(T + C) (P - mmHg, T - C)									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
14321	C14H26O	7-methyl-3-tridecyn-1-ol	---	7.96008	2473.7657	167.132	188	351	3
14322	C14H26O	8-methyl-3-tridecyn-1-ol	---	7.96008	2473.7657	167.132	188	351	3
14323	C14H26O	9-methyl-3-tridecyn-1-ol	---	7.96008	2473.7657	167.132	188	351	3
14324	C14H26O	10-methyl-3-tridecyn-1-ol	---	7.96008	2473.7657	167.132	188	351	3
14325	C14H26O	11-methyl-3-tridecyn-1-ol	---	7.96008	2473.7657	167.132	188	351	3
14326	C14H26O	12-methyl-3-tridecyn-1-ol	---	7.96008	2473.7657	167.132	188	351	3
14327	C14H26O	1-methyl-4-tridecyn-1-ol	---	7.96008	2473.7657	167.132	188	351	3
14328	C14H26O	2-methyl-4-tridecyn-1-ol	---	7.96008	2473.7657	167.132	188	351	3
14329	C14H26O	3-methyl-4-tridecyn-1-ol	---	7.96008	2473.7657	167.132	188	351	3
14330	C14H26O	6-methyl-4-tridecyn-1-ol	---	7.96008	2473.7657	167.132	188	351	3
14331	C14H26O	7-methyl-4-tridecyn-1-ol	---	7.96008	2473.7657	167.132	188	351	3
14332	C14H26O	8-methyl-4-tridecyn-1-ol	---	7.96008	2473.7657	167.132	188	351	3
14333	C14H26O	9-methyl-4-tridecyn-1-ol	---	7.96008	2473.7657	167.132	188	351	3
14334	C14H26O	10-methyl-4-tridecyn-1-ol	---	7.96008	2473.7657	167.132	188	351	3
14335	C14H26O	11-methyl-4-tridecyn-1-ol	---	7.96008	2473.7657	167.132	188	351	3
14336	C14H26O	12-methyl-4-tridecyn-1-ol	---	7.96008	2473.7657	167.132	188	351	3
14337	C14H26O	1-methyl-5-tridecyn-1-ol	---	7.96008	2473.7657	167.132	188	351	3
14338	C14H26O	2-methyl-5-tridecyn-1-ol	---	7.96008	2473.7657	167.132	188	351	3
14339	C14H26O	3-methyl-5-tridecyn-1-ol	---	7.96008	2473.7657	167.132	188	351	3
14340	C14H26O	4-methyl-5-tridecyn-1-ol	---	7.96008	2473.7657	167.132	188	351	3
14341	C14H26O	7-methyl-5-tridecyn-1-ol	---	7.96008	2473.7657	167.132	188	351	3
14342	C14H26O	8-methyl-5-tridecyn-1-ol	---	7.96008	2473.7657	167.132	188	351	3
14343	C14H26O	9-methyl-5-tridecyn-1-ol	---	7.96008	2473.7657	167.132	188	351	3
14344	C14H26O	10-methyl-5-tridecyn-1-ol	---	7.96008	2473.7657	167.132	188	351	3
14345	C14H26O	11-methyl-5-tridecyn-1-ol	---	7.96008	2473.7657	167.132	188	351	3
14346	C14H26O	12-methyl-5-tridecyn-1-ol	---	7.96008	2473.7657	167.132	188	351	3
14347	C14H26O	1-methyl-6-tridecyn-1-ol	---	7.96008	2473.7657	167.132	188	351	3
14348	C14H26O	2-methyl-6-tridecyn-1-ol	---	7.96008	2473.7657	167.132	188	351	3
14349	C14H26O	3-methyl-6-tridecyn-1-ol	---	7.96008	2473.7657	167.132	188	351	3
14350	C14H26O	4-methyl-6-tridecyn-1-ol	---	7.96008	2473.7657	167.132	188	351	3
14351	C14H26O	5-methyl-6-tridecyn-1-ol	---	7.96008	2473.7657	167.132	188	351	3
14352	C14H26O	8-methyl-6-tridecyn-1-ol	---	7.96008	2473.7657	167.132	188	351	3
14353	C14H26O	9-methyl-6-tridecyn-1-ol	---	7.96008	2473.7657	167.132	188	351	3
14354	C14H26O	10-methyl-6-tridecyn-1-ol	---	7.96008	2473.7657	167.132	188	351	3
14355	C14H26O	11-methyl-6-tridecyn-1-ol	---	7.96008	2473.7657	167.132	188	351	3
14356	C14H26O	12-methyl-6-tridecyn-1-ol	---	7.96008	2473.7657	167.132	188	351	3
14357	C14H26O	1-methyl-7-tridecyn-1-ol	---	7.96008	2473.7657	167.132	188	351	3
14358	C14H26O	2-methyl-7-tridecyn-1-ol	---	7.96008	2473.7657	167.132	188	351	3
14359	C14H26O	3-methyl-7-tridecyn-1-ol	---	7.96008	2473.7657	167.132	188	351	3
14360	C14H26O	4-methyl-7-tridecyn-1-ol	---	7.96008	2473.7657	167.132	188	351	3
14361	C14H26O	5-methyl-7-tridecyn-1-ol	---	7.96008	2473.7657	167.132	188	351	3
14362	C14H26O	6-methyl-7-tridecyn-1-ol	---	7.96008	2473.7657	167.132	188	351	3
14363	C14H26O	1-methyl-8-tridecyn-1-ol	---	7.96008	2473.7657	167.132	188	351	3
14364	C14H26O	2-methyl-8-tridecyn-1-ol	---	7.96008	2473.7657	167.132	188	351	3
14365	C14H26O	3-methyl-8-tridecyn-1-ol	---	7.96008	2473.7657	167.132	188	351	3
14366	C14H26O	4-methyl-8-tridecyn-1-ol	---	7.96008	2473.7657	167.132	188	351	3
14367	C14H26O	5-methyl-8-tridecyn-1-ol	---	7.96008	2473.7657	167.132	188	351	3
14368	C14H26O	6-methyl-8-tridecyn-1-ol	---	7.96008	2473.7657	167.132	188	351	3
14369	C14H26O	7-methyl-8-tridecyn-1-ol	---	7.96008	2473.7657	167.132	188	351	3
14370	C14H26O	1-methyl-9-tridecyn-1-ol	---	7.96008	2473.7657	167.132	188	351	3
14371	C14H26O	2-methyl-9-tridecyn-1-ol	---	7.96008	2473.7657	167.132	188	351	3
14372	C14H26O	3-methyl-9-tridecyn-1-ol	---	7.96008	2473.7657	167.132	188	351	3
14373	C14H26O	4-methyl-9-tridecyn-1-ol	---	7.96008	2473.7657	167.132	188	351	3
14374	C14H26O	5-methyl-9-tridecyn-1-ol	---	7.96008	2473.7657	167.132	188	351	3
14375	C14H26O	6-methyl-9-tridecyn-1-ol	---	7.96008	2473.7657	167.132	188	351	3
14376	C14H26O	7-methyl-9-tridecyn-1-ol	---	7.96008	2473.7657	167.132	188	351	3
14377	C14H26O	1-methyl-10-tridecyn-1-ol	---	7.96008	2473.7657	167.132	188	351	3
14378	C14H26O	2-methyl-10-tridecyn-1-ol	---	7.96008	2473.7657	167.132	188	351	3
14379	C14H26O	3-methyl-10-tridecyn-1-ol	---	7.96008	2473.7657	167.132	188	351	3
14380	C14H26O	4-methyl-10-tridecyn-1-ol	---	7.96008	2473.7657	167.132	188	351	3
14381	C14H26O	5-methyl-10-tridecyn-1-ol	---	7.96008	2473.7657	167.132	188	351	3
14382	C14H26O	6-methyl-10-tridecyn-1-ol	---	7.96008	2473.7657	167.132	188	351	3
14383	C14H26O	7-methyl-10-tridecyn-1-ol	---	7.96008	2473.7657	167.132	188	351	3
14384	C14H26O	1-methyl-11-tridecyn-1-ol	---	7.96008	2473.7657	167.132	188	351	3
14385	C14H26O	2-methyl-11-tridecyn-1-ol	---	7.96008	2473.7657	167.132	188	351	3
14386	C14H26O	3-methyl-11-tridecyn-1-ol	---	7.96008	2473.7657	167.132	188	351	3
14387	C14H26O	4-methyl-11-tridecyn-1-ol	---	7.96008	2473.7657	167.132	188	351	3
14388	C14H26O	5-methyl-11-tridecyn-1-ol	---	7.96008	2473.7657	167.132	188	351	3
14389	C14H26O	6-methyl-11-tridecyn-1-ol	---	7.96008	2473.7657	167.132	188	351	3
14390	C14H26O	7-methyl-11-tridecyn-1-ol	---	7.96008	2473.7657	167.132	188	351	3
14391	C14H26O	1-methyl-12-tridecyn-1-ol	---	7.96008	2473.7657	167.132	188	351	3
14392	C14H26O	2-methyl-12-tridecyn-1-ol	---	7.96008	2473.7657	167.132	188	351	3
14393	C14H26O	3-methyl-12-tridecyn-1-ol	---	7.96008	2473.7657	167.132	188	351	3
14394	C14H26O	4-methyl-12-tridecyn-1-ol	---	7.96008	2473.7657	167.132	188	351	3
14395	C14H26O	5-methyl-12-tridecyn-1-ol	---	7.96008	2473.7657	167.132	188	351	3
14396	C14H26O	6-methyl-12-tridecyn-1-ol	---	7.96008	2473.7657	167.132	188	351	3
14397	C14H26O	7-methyl-12-tridecyn-1-ol	---	7.96008	2473.7657	167.132	188	351	3
14398	C14H26O	2-tetradecenal	64461-99-1	7.08361	2000.1111	176.000	152.77	336.62	2
14399	C14H26O	3-tetradecenal	---	7.08361	2000.1111	176.000	152.77	336.62	2
14400	C14H26O	4-tetradecenal	---	7.08361	2000.1111	176.000	152.77	336.62	2

Table 1 Vapor Pressure – Organic Compounds

log ₁₀ P = A - B/(T + C) (P - mmHg, T - C)									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
14401	C14H26O	5-tetradecenal	---	7.08361	2000.1111	176.000	152.77	336.62	2
14402	C14H26O	6-tetradecenal	---	7.08361	2000.1111	176.000	152.77	336.62	2
14403	C14H26O	7-tetradecenal	---	7.08361	2000.1111	176.000	152.77	336.62	2
14404	C14H26O	8-tetradecenal	---	7.08361	2000.1111	176.000	152.77	336.62	2
14405	C14H26O	9-tetradecenal	---	7.08361	2000.1111	176.000	152.77	336.62	2
14406	C14H26O	10-tetradecenal	---	7.08361	2000.1111	176.000	152.77	336.62	2
14407	C14H26O	11-tetradecenal	---	7.08361	2000.1111	176.000	152.77	336.62	2
14408	C14H26O	12-tetradecenal	---	7.08361	2000.1111	176.000	152.77	336.62	2
14409	C14H26O	13-tetradecenal	---	7.08361	2000.1111	176.000	152.77	336.62	2
14410	C14H26O	2-methyl-2-tridecenal	---	6.80359	1877.7523	178.780	144.77	339.69	2
14411	C14H26O	3-methyl-2-tridecenal	---	6.80359	1877.7523	178.780	144.77	339.69	2
14412	C14H26O	4-methyl-2-tridecenal	---	6.80359	1877.7523	178.780	144.77	339.69	2
14413	C14H26O	5-methyl-2-tridecenal	---	6.80359	1877.7523	178.780	144.77	339.69	2
14414	C14H26O	6-methyl-2-tridecenal	---	6.80359	1877.7523	178.780	144.77	339.69	2
14415	C14H26O	7-methyl-2-tridecenal	---	6.80359	1877.7523	178.780	144.77	339.69	2
14416	C14H26O	8-methyl-2-tridecenal	---	6.80359	1877.7523	178.780	144.77	339.69	2
14417	C14H26O	9-methyl-2-tridecenal	---	6.80359	1877.7523	178.780	144.77	339.69	2
14418	C14H26O	10-methyl-2-tridecenal	---	6.80359	1877.7523	178.780	144.77	339.69	2
14419	C14H26O	11-methyl-2-tridecenal	---	6.80359	1877.7523	178.780	144.77	339.69	2
14420	C14H26O	12-methyl-2-tridecenal	---	6.80359	1877.7523	178.780	144.77	339.69	2
14421	C14H26O	2-methyl-3-tridecenal	---	6.80359	1877.7523	178.780	144.77	339.69	2
14422	C14H26O	3-methyl-3-tridecenal	---	6.80359	1877.7523	178.780	144.77	339.69	2
14423	C14H26O	4-methyl-3-tridecenal	---	6.80359	1877.7523	178.780	144.77	339.69	2
14424	C14H26O	5-methyl-3-tridecenal	---	6.80359	1877.7523	178.780	144.77	339.69	2
14425	C14H26O	6-methyl-3-tridecenal	---	6.80359	1877.7523	178.780	144.77	339.69	2
14426	C14H26O	7-methyl-3-tridecenal	---	6.80359	1877.7523	178.780	144.77	339.69	2
14427	C14H26O	8-methyl-3-tridecenal	---	6.80359	1877.7523	178.780	144.77	339.69	2
14428	C14H26O	9-methyl-3-tridecenal	---	6.80359	1877.7523	178.780	144.77	339.69	2
14429	C14H26O	10-methyl-3-tridecenal	---	6.80359	1877.7523	178.780	144.77	339.69	2
14430	C14H26O	11-methyl-3-tridecenal	---	6.80359	1877.7523	178.780	144.77	339.69	2
14431	C14H26O	12-methyl-3-tridecenal	---	6.80359	1877.7523	178.780	144.77	339.69	2
14432	C14H26O	2-methyl-4-tridecenal	---	6.80359	1877.7523	178.780	144.77	339.69	2
14433	C14H26O	3-methyl-4-tridecenal	---	6.80359	1877.7523	178.780	144.77	339.69	2
14434	C14H26O	4-methyl-4-tridecenal	---	6.80359	1877.7523	178.780	144.77	339.69	2
14435	C14H26O	5-methyl-4-tridecenal	---	6.80359	1877.7523	178.780	144.77	339.69	2
14436	C14H26O	6-methyl-4-tridecenal	---	6.80359	1877.7523	178.780	144.77	339.69	2
14437	C14H26O	7-methyl-4-tridecenal	---	6.80359	1877.7523	178.780	144.77	339.69	2
14438	C14H26O	8-methyl-4-tridecenal	---	6.80359	1877.7523	178.780	144.77	339.69	2
14439	C14H26O	9-methyl-4-tridecenal	---	6.80359	1877.7523	178.780	144.77	339.69	2
14440	C14H26O	10-methyl-4-tridecenal	---	6.80359	1877.7523	178.780	144.77	339.69	2
14441	C14H26O	11-methyl-4-tridecenal	---	6.80359	1877.7523	178.780	144.77	339.69	2
14442	C14H26O	12-methyl-4-tridecenal	---	6.80359	1877.7523	178.780	144.77	339.69	2
14443	C14H26O	2-methyl-5-tridecenal	---	6.80359	1877.7523	178.780	144.77	339.69	2
14444	C14H26O	3-methyl-5-tridecenal	---	6.80359	1877.7523	178.780	144.77	339.69	2
14445	C14H26O	4-methyl-5-tridecenal	---	6.80359	1877.7523	178.780	144.77	339.69	2
14446	C14H26O	5-methyl-5-tridecenal	---	6.80359	1877.7523	178.780	144.77	339.69	2
14447	C14H26O	6-methyl-5-tridecenal	---	6.80359	1877.7523	178.780	144.77	339.69	2
14448	C14H26O	7-methyl-5-tridecenal	---	6.80359	1877.7523	178.780	144.77	339.69	2
14449	C14H26O	8-methyl-5-tridecenal	---	6.80359	1877.7523	178.780	144.77	339.69	2
14450	C14H26O	9-methyl-5-tridecenal	---	6.80359	1877.7523	178.780	144.77	339.69	2
14451	C14H26O	10-methyl-5-tridecenal	---	6.80359	1877.7523	178.780	144.77	339.69	2
14452	C14H26O	11-methyl-5-tridecenal	---	6.80359	1877.7523	178.780	144.77	339.69	2
14453	C14H26O	12-methyl-5-tridecenal	---	6.80359	1877.7523	178.780	144.77	339.69	2
14454	C14H26O	2-methyl-6-tridecenal	---	6.80359	1877.7523	178.780	144.77	339.69	2
14455	C14H26O	3-methyl-6-tridecenal	---	6.80359	1877.7523	178.780	144.77	339.69	2
14456	C14H26O	4-methyl-6-tridecenal	---	6.80359	1877.7523	178.780	144.77	339.69	2
14457	C14H26O	5-methyl-6-tridecenal	---	6.80359	1877.7523	178.780	144.77	339.69	2
14458	C14H26O	6-methyl-6-tridecenal	---	6.80359	1877.7523	178.780	144.77	339.69	2
14459	C14H26O	7-methyl-6-tridecenal	---	6.80359	1877.7523	178.780	144.77	339.69	2
14460	C14H26O	8-methyl-6-tridecenal	---	6.80359	1877.7523	178.780	144.77	339.69	2
14461	C14H26O	9-methyl-6-tridecenal	---	6.80359	1877.7523	178.780	144.77	339.69	2
14462	C14H26O	10-methyl-6-tridecenal	---	6.80359	1877.7523	178.780	144.77	339.69	2
14463	C14H26O	11-methyl-6-tridecenal	---	6.80359	1877.7523	178.780	144.77	339.69	2
14464	C14H26O	12-methyl-6-tridecenal	---	6.80359	1877.7523	178.780	144.77	339.69	2
14465	C14H26O	2-methyl-7-tridecenal	---	6.80359	1877.7523	178.780	144.77	339.69	2
14466	C14H26O	3-methyl-7-tridecenal	---	6.80359	1877.7523	178.780	144.77	339.69	2
14467	C14H26O	4-methyl-7-tridecenal	---	6.80359	1877.7523	178.780	144.77	339.69	2
14468	C14H26O	5-methyl-7-tridecenal	---	6.80359	1877.7523	178.780	144.77	339.69	2
14469	C14H26O	6-methyl-7-tridecenal	---	6.80359	1877.7523	178.780	144.77	339.69	2
14470	C14H26O	7-methyl-7-tridecenal	---	6.80359	1877.7523	178.780	144.77	339.69	2
14471	C14H26O	8-methyl-7-tridecenal	---	6.80359	1877.7523	178.780	144.77	339.69	2
14472	C14H26O	9-methyl-7-tridecenal	---	6.80359	1877.7523	178.780	144.77	339.69	2
14473	C14H26O	10-methyl-7-tridecenal	---	6.80359	1877.7523	178.780	144.77	339.69	2
14474	C14H26O	11-methyl-7-tridecenal	---	6.80359	1877.7523	178.780	144.77	339.69	2
14475	C14H26O	12-methyl-7-tridecenal	---	6.80359	1877.7523	178.780	144.77	339.69	2
14476	C14H26O	2-methyl-8-tridecenal	---	6.80359	1877.7523	178.780	144.77	339.69	2
14477	C14H26O	3-methyl-8-tridecenal	---	6.80359	1877.7523	178.780	144.77	339.69	2
14478	C14H26O	4-methyl-8-tridecenal	---	6.80359	1877.7523	178.780	144.77	339.69	2
14479	C14H26O	5-methyl-8-tridecenal	---	6.80359	1877.7523	178.780	144.77	339.69	2
14480	C14H26O	6-methyl-8-tridecenal	---	6.80359	1877.7523	178.780	144.77	339.69	2

Table 1 Vapor Pressure – Organic Compounds

log ₁₀ P = A - B/(T + C) (P - mmHg, T - C)									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
14481	C14H26O	7-methyl-8-tridecenal	---	6.80359	1877.7523	178.780	144.77	339.69	2
14482	C14H26O	8-methyl-8-tridecenal	---	6.80359	1877.7523	178.780	144.77	339.69	2
14483	C14H26O	9-methyl-8-tridecenal	---	6.80359	1877.7523	178.780	144.77	339.69	2
14484	C14H26O	10-methyl-8-tridecenal	---	6.80359	1877.7523	178.780	144.77	339.69	2
14485	C14H26O	11-methyl-8-tridecenal	---	6.80359	1877.7523	178.780	144.77	339.69	2
14486	C14H26O	12-methyl-8-tridecenal	---	6.80359	1877.7523	178.780	144.77	339.69	2
14487	C14H26O	2-methyl-9-tridecenal	---	6.80359	1877.7523	178.780	144.77	339.69	2
14488	C14H26O	3-methyl-9-tridecenal	---	6.80359	1877.7523	178.780	144.77	339.69	2
14489	C14H26O	4-methyl-9-tridecenal	---	6.80359	1877.7523	178.780	144.77	339.69	2
14490	C14H26O	5-methyl-9-tridecenal	---	6.80359	1877.7523	178.780	144.77	339.69	2
14491	C14H26O	6-methyl-9-tridecenal	---	6.80359	1877.7523	178.780	144.77	339.69	2
14492	C14H26O	7-methyl-9-tridecenal	---	6.80359	1877.7523	178.780	144.77	339.69	2
14493	C14H26O	8-methyl-9-tridecenal	---	6.80359	1877.7523	178.780	144.77	339.69	2
14494	C14H26O	9-methyl-9-tridecenal	---	6.80359	1877.7523	178.780	144.77	339.69	2
14495	C14H26O	10-methyl-9-tridecenal	---	6.80359	1877.7523	178.780	144.77	339.69	2
14496	C14H26O	11-methyl-9-tridecenal	---	6.80359	1877.7523	178.780	144.77	339.69	2
14497	C14H26O	12-methyl-9-tridecenal	---	6.80359	1877.7523	178.780	144.77	339.69	2
14498	C14H26O	2-methyl-10-tridecenal	---	6.80359	1877.7523	178.780	144.77	339.69	2
14499	C14H26O	3-methyl-10-tridecenal	---	6.80359	1877.7523	178.780	144.77	339.69	2
14500	C14H26O	4-methyl-10-tridecenal	---	6.80359	1877.7523	178.780	144.77	339.69	2
14501	C14H26O	5-methyl-10-tridecenal	---	6.80359	1877.7523	178.780	144.77	339.69	2
14502	C14H26O	6-methyl-10-tridecenal	---	6.80359	1877.7523	178.780	144.77	339.69	2
14503	C14H26O	7-methyl-10-tridecenal	---	6.80359	1877.7523	178.780	144.77	339.69	2
14504	C14H26O	8-methyl-10-tridecenal	---	6.80359	1877.7523	178.780	144.77	339.69	2
14505	C14H26O	9-methyl-10-tridecenal	---	6.80359	1877.7523	178.780	144.77	339.69	2
14506	C14H26O	10-methyl-10-tridecenal	---	6.80359	1877.7523	178.780	144.77	339.69	2
14507	C14H26O	11-methyl-10-tridecenal	---	6.80359	1877.7523	178.780	144.77	339.69	2
14508	C14H26O	12-methyl-10-tridecenal	---	6.80359	1877.7523	178.780	144.77	339.69	2
14509	C14H26O	2-methyl-11-tridecenal	---	6.80359	1877.7523	178.780	144.77	339.69	2
14510	C14H26O	3-methyl-11-tridecenal	---	6.80359	1877.7523	178.780	144.77	339.69	2
14511	C14H26O	4-methyl-11-tridecenal	---	6.80359	1877.7523	178.780	144.77	339.69	2
14512	C14H26O	5-methyl-11-tridecenal	---	6.80359	1877.7523	178.780	144.77	339.69	2
14513	C14H26O	6-methyl-11-tridecenal	---	6.80359	1877.7523	178.780	144.77	339.69	2
14514	C14H26O	7-methyl-11-tridecenal	---	6.80359	1877.7523	178.780	144.77	339.69	2
14515	C14H26O	8-methyl-11-tridecenal	---	6.80359	1877.7523	178.780	144.77	339.69	2
14516	C14H26O	9-methyl-11-tridecenal	---	6.80359	1877.7523	178.780	144.77	339.69	2
14517	C14H26O	10-methyl-11-tridecenal	---	6.80359	1877.7523	178.780	144.77	339.69	2
14518	C14H26O	11-methyl-11-tridecenal	---	6.80359	1877.7523	178.780	144.77	339.69	2
14519	C14H26O	12-methyl-11-tridecenal	---	6.80359	1877.7523	178.780	144.77	339.69	2
14520	C14H26O	2,2-dimethyl-2-dodecenal	---	6.55103	1767.0599	181.560	136.77	342.92	2
14521	C14H26O	2,3-dimethyl-2-dodecenal	---	6.55103	1767.0599	181.560	136.77	342.92	2
14522	C14H26O	2,4-dimethyl-2-dodecenal	---	6.55103	1767.0599	181.560	136.77	342.92	2
14523	C14H26O	2,5-dimethyl-2-dodecenal	---	6.55103	1767.0599	181.560	136.77	342.92	2
14524	C14H26O	2,6-dimethyl-2-dodecenal	---	6.55103	1767.0599	181.560	136.77	342.92	2
14525	C14H26O	2,7-dimethyl-2-dodecenal	---	6.55103	1767.0599	181.560	136.77	342.92	2
14526	C14H26O	2,8-dimethyl-2-dodecenal	---	6.55103	1767.0599	181.560	136.77	342.92	2
14527	C14H26O	2,9-dimethyl-2-dodecenal	---	6.55103	1767.0599	181.560	136.77	342.92	2
14528	C14H26O	2,10-dimethyl-2-dodecenal	---	6.55103	1767.0599	181.560	136.77	342.92	2
14529	C14H26O	2,11-dimethyl-2-dodecenal	---	6.55103	1767.0599	181.560	136.77	342.92	2
14530	C14H26O	2,2-dimethyl-3-dodecenal	---	6.55103	1767.0599	181.560	136.77	342.92	2
14531	C14H26O	2,3-dimethyl-3-dodecenal	---	6.55103	1767.0599	181.560	136.77	342.92	2
14532	C14H26O	2,4-dimethyl-3-dodecenal	---	6.55103	1767.0599	181.560	136.77	342.92	2
14533	C14H26O	2,5-dimethyl-3-dodecenal	---	6.55103	1767.0599	181.560	136.77	342.92	2
14534	C14H26O	2,6-dimethyl-3-dodecenal	---	6.55103	1767.0599	181.560	136.77	342.92	2
14535	C14H26O	2,7-dimethyl-3-dodecenal	---	6.55103	1767.0599	181.560	136.77	342.92	2
14536	C14H26O	2,8-dimethyl-3-dodecenal	---	6.55103	1767.0599	181.560	136.77	342.92	2
14537	C14H26O	2,9-dimethyl-3-dodecenal	---	6.55103	1767.0599	181.560	136.77	342.92	2
14538	C14H26O	2,10-dimethyl-3-dodecenal	---	6.55103	1767.0599	181.560	136.77	342.92	2
14539	C14H26O	2,11-dimethyl-3-dodecenal	---	6.55103	1767.0599	181.560	136.77	342.92	2
14540	C14H26O	2,2-dimethyl-4-dodecenal	---	6.55103	1767.0599	181.560	136.77	342.92	2
14541	C14H26O	2,3-dimethyl-4-dodecenal	---	6.55103	1767.0599	181.560	136.77	342.92	2
14542	C14H26O	2,4-dimethyl-4-dodecenal	---	6.55103	1767.0599	181.560	136.77	342.92	2
14543	C14H26O	2,5-dimethyl-4-dodecenal	---	6.55103	1767.0599	181.560	136.77	342.92	2
14544	C14H26O	2,6-dimethyl-4-dodecenal	---	6.55103	1767.0599	181.560	136.77	342.92	2
14545	C14H26O	2,7-dimethyl-4-dodecenal	---	6.55103	1767.0599	181.560	136.77	342.92	2
14546	C14H26O	2,8-dimethyl-4-dodecenal	---	6.55103	1767.0599	181.560	136.77	342.92	2
14547	C14H26O	2,9-dimethyl-4-dodecenal	---	6.55103	1767.0599	181.560	136.77	342.92	2
14548	C14H26O	2,10-dimethyl-4-dodecenal	---	6.55103	1767.0599	181.560	136.77	342.92	2
14549	C14H26O	2,11-dimethyl-4-dodecenal	---	6.55103	1767.0599	181.560	136.77	342.92	2
14550	C14H26O	2,2-dimethyl-5-dodecenal	---	6.55103	1767.0599	181.560	136.77	342.92	2
14551	C14H26O	2,3-dimethyl-5-dodecenal	---	6.55103	1767.0599	181.560	136.77	342.92	2
14552	C14H26O	2,4-dimethyl-5-dodecenal	---	6.55103	1767.0599	181.560	136.77	342.92	2
14553	C14H26O	2,5-dimethyl-5-dodecenal	---	6.55103	1767.0599	181.560	136.77	342.92	2
14554	C14H26O	2,6-dimethyl-5-dodecenal	---	6.55103	1767.0599	181.560	136.77	342.92	2
14555	C14H26O	2,7-dimethyl-5-dodecenal	---	6.55103	1767.0599	181.560	136.77	342.92	2
14556	C14H26O	2,8-dimethyl-5-dodecenal	---	6.55103	1767.0599	181.560	136.77	342.92	2
14557	C14H26O	2,9-dimethyl-5-dodecenal	---	6.55103	1767.0599	181.560	136.77	342.92	2
14558	C14H26O	2,10-dimethyl-5-dodecenal	---	6.55103	1767.0599	181.560	136.77	342.92	2
14559	C14H26O	2,11-dimethyl-5-dodecenal	---	6.55103	1767.0599	181.560	136.77	342.92	2
14560	C14H26O	2,2-dimethyl-6-dodecenal	---	6.55103	1767.0599	181.560	136.77	342.92	2

Table 1 Vapor Pressure – Organic Compounds

log ₁₀ P = A - B/(T + C) (P - mmHg, T - C)									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
14561	C14H26O	2,3-dimethyl-6-dodecenal	---	6.55103	1767.0599	181.560	136.77	342.92	2
14562	C14H26O	2,4-dimethyl-6-dodecenal	---	6.55103	1767.0599	181.560	136.77	342.92	2
14563	C14H26O	2,5-dimethyl-6-dodecenal	---	6.55103	1767.0599	181.560	136.77	342.92	2
14564	C14H26O	2,6-dimethyl-6-dodecenal	---	6.55103	1767.0599	181.560	136.77	342.92	2
14565	C14H26O	2,7-dimethyl-6-dodecenal	---	6.55103	1767.0599	181.560	136.77	342.92	2
14566	C14H26O	2,8-dimethyl-6-dodecenal	---	6.55103	1767.0599	181.560	136.77	342.92	2
14567	C14H26O	2,9-dimethyl-6-dodecenal	---	6.55103	1767.0599	181.560	136.77	342.92	2
14568	C14H26O	2,10-dimethyl-6-dodecenal	---	6.55103	1767.0599	181.560	136.77	342.92	2
14569	C14H26O	2,11-dimethyl-6-dodecenal	---	6.55103	1767.0599	181.560	136.77	342.92	2
14570	C14H26O	2,2-dimethyl-7-dodecenal	---	6.55103	1767.0599	181.560	136.77	342.92	2
14571	C14H26O	2,3-dimethyl-7-dodecenal	---	6.55103	1767.0599	181.560	136.77	342.92	2
14572	C14H26O	2,4-dimethyl-7-dodecenal	---	6.55103	1767.0599	181.560	136.77	342.92	2
14573	C14H26O	2,5-dimethyl-7-dodecenal	---	6.55103	1767.0599	181.560	136.77	342.92	2
14574	C14H26O	2,6-dimethyl-7-dodecenal	---	6.55103	1767.0599	181.560	136.77	342.92	2
14575	C14H26O	2,7-dimethyl-7-dodecenal	---	6.55103	1767.0599	181.560	136.77	342.92	2
14576	C14H26O	2,8-dimethyl-7-dodecenal	---	6.55103	1767.0599	181.560	136.77	342.92	2
14577	C14H26O	2,9-dimethyl-7-dodecenal	---	6.55103	1767.0599	181.560	136.77	342.92	2
14578	C14H26O	2,10-dimethyl-7-dodecenal	---	6.55103	1767.0599	181.560	136.77	342.92	2
14579	C14H26O	2,11-dimethyl-7-dodecenal	---	6.55103	1767.0599	181.560	136.77	342.92	2
14580	C14H26O	2,2-dimethyl-8-dodecenal	---	6.55103	1767.0599	181.560	136.77	342.92	2
14581	C14H26O	2,3-dimethyl-8-dodecenal	---	6.55103	1767.0599	181.560	136.77	342.92	2
14582	C14H26O	2,4-dimethyl-8-dodecenal	---	6.55103	1767.0599	181.560	136.77	342.92	2
14583	C14H26O	2,5-dimethyl-8-dodecenal	---	6.55103	1767.0599	181.560	136.77	342.92	2
14584	C14H26O	2,6-dimethyl-8-dodecenal	---	6.55103	1767.0599	181.560	136.77	342.92	2
14585	C14H26O	2,7-dimethyl-8-dodecenal	---	6.55103	1767.0599	181.560	136.77	342.92	2
14586	C14H26O	2,8-dimethyl-8-dodecenal	---	6.55103	1767.0599	181.560	136.77	342.92	2
14587	C14H26O	2,9-dimethyl-8-dodecenal	---	6.55103	1767.0599	181.560	136.77	342.92	2
14588	C14H26O	2,10-dimethyl-8-dodecenal	---	6.55103	1767.0599	181.560	136.77	342.92	2
14589	C14H26O	2,11-dimethyl-8-dodecenal	---	6.55103	1767.0599	181.560	136.77	342.92	2
14590	C14H26O	2,2-dimethyl-9-dodecenal	---	6.55103	1767.0599	181.560	136.77	342.92	2
14591	C14H26O	2,3-dimethyl-9-dodecenal	---	6.55103	1767.0599	181.560	136.77	342.92	2
14592	C14H26O	2,4-dimethyl-9-dodecenal	---	6.55103	1767.0599	181.560	136.77	342.92	2
14593	C14H26O	2,5-dimethyl-9-dodecenal	---	6.55103	1767.0599	181.560	136.77	342.92	2
14594	C14H26O	2,6-dimethyl-9-dodecenal	---	6.55103	1767.0599	181.560	136.77	342.92	2
14595	C14H26O	2,7-dimethyl-9-dodecenal	---	6.55103	1767.0599	181.560	136.77	342.92	2
14596	C14H26O	2,8-dimethyl-9-dodecenal	---	6.55103	1767.0599	181.560	136.77	342.92	2
14597	C14H26O	2,9-dimethyl-9-dodecenal	---	6.55103	1767.0599	181.560	136.77	342.92	2
14598	C14H26O	2,10-dimethyl-9-dodecenal	---	6.55103	1767.0599	181.560	136.77	342.92	2
14599	C14H26O	2,11-dimethyl-9-dodecenal	---	6.55103	1767.0599	181.560	136.77	342.92	2
14600	C14H26O	2,2-dimethyl-10-dodecenal	---	6.55103	1767.0599	181.560	136.77	342.92	2
14601	C14H26O	2,3-dimethyl-10-dodecenal	---	6.55103	1767.0599	181.560	136.77	342.92	2
14602	C14H26O	2,4-dimethyl-10-dodecenal	---	6.55103	1767.0599	181.560	136.77	342.92	2
14603	C14H26O	2,5-dimethyl-10-dodecenal	---	6.55103	1767.0599	181.560	136.77	342.92	2
14604	C14H26O	2,6-dimethyl-10-dodecenal	---	6.55103	1767.0599	181.560	136.77	342.92	2
14605	C14H26O	2,7-dimethyl-10-dodecenal	---	6.55103	1767.0599	181.560	136.77	342.92	2
14606	C14H26O	2,8-dimethyl-10-dodecenal	---	6.55103	1767.0599	181.560	136.77	342.92	2
14607	C14H26O	2,9-dimethyl-10-dodecenal	---	6.55103	1767.0599	181.560	136.77	342.92	2
14608	C14H26O	2,10-dimethyl-10-dodecenal	---	6.55103	1767.0599	181.560	136.77	342.92	2
14609	C14H26O	2,11-dimethyl-10-dodecenal	---	6.55103	1767.0599	181.560	136.77	342.92	2
14610	C14H26O	2,2-dimethyl-11-dodecenal	---	6.55103	1767.0599	181.560	136.77	342.92	2
14611	C14H26O	2,3-dimethyl-11-dodecenal	---	6.55103	1767.0599	181.560	136.77	342.92	2
14612	C14H26O	2,4-dimethyl-11-dodecenal	---	6.55103	1767.0599	181.560	136.77	342.92	2
14613	C14H26O	2,5-dimethyl-11-dodecenal	---	6.55103	1767.0599	181.560	136.77	342.92	2
14614	C14H26O	2,6-dimethyl-11-dodecenal	---	6.55103	1767.0599	181.560	136.77	342.92	2
14615	C14H26O	2,7-dimethyl-11-dodecenal	---	6.55103	1767.0599	181.560	136.77	342.92	2
14616	C14H26O	2,8-dimethyl-11-dodecenal	---	6.55103	1767.0599	181.560	136.77	342.92	2
14617	C14H26O	2,9-dimethyl-11-dodecenal	---	6.55103	1767.0599	181.560	136.77	342.92	2
14618	C14H26O	2,10-dimethyl-11-dodecenal	---	6.55103	1767.0599	181.560	136.77	342.92	2
14619	C14H26O	2,11-dimethyl-11-dodecenal	---	6.55103	1767.0599	181.560	136.77	342.92	2
14620	C14H26O	2,6,10-trimethyl-9-undecenal	141-13-9	6.80359	1877.7523	178.780	144.77	339.69	2
14621	C14H26O2	2-tetradecenoic acid	---	7.01620	2127.3669	165.436	188.17	389.38	2
14622	C14H26O2	3-tetradecenoic acid	---	7.01620	2127.3669	165.436	188.17	389.38	2
14623	C14H26O2	4-tetradecenoic acid	544-65-0	7.01620	2127.3669	165.436	188.17	389.38	2
14624	C14H26O2	5-tetradecenoic acid	544-66-1	7.01620	2127.3669	165.436	188.17	389.38	2
14625	C14H26O2	5-tetradecenoic acid	---	7.01620	2127.3669	165.436	188.17	389.38	2
14626	C14H26O2	6-tetradecenoic acid	---	7.01620	2127.3669	165.436	188.17	389.38	2
14627	C14H26O2	7-tetradecenoic acid	---	7.01620	2127.3669	165.436	188.17	389.38	2
14628	C14H26O2	8-tetradecenoic acid	---	7.01620	2127.3669	165.436	188.17	389.38	2
14629	C14H26O2	9-tetradecenoic acid	13147-06-3	7.01620	2127.3669	165.436	188.17	389.38	2
14630	C14H26O2	cis-9-tetradecenoic acid	544-64-9	7.01620	2127.3669	165.436	188.17	389.38	2
14631	C14H26O2	10-tetradecenoic acid	---	7.01620	2127.3669	165.436	188.17	389.38	2
14632	C14H26O2	11-tetradecenoic acid	---	7.01620	2127.3669	165.436	188.17	389.38	2
14633	C14H26O2	12-tetradecenoic acid	---	7.01620	2127.3669	165.436	188.17	389.38	2
14634	C14H26O2	13-tetradecenoic acid	---	7.01620	2127.3669	165.436	188.17	389.38	2
14635	C14H26O2	2-methyl-2-tridecenoic acid	---	6.81096	2030.5265	167.660	181.77	391.85	2
14636	C14H26O2	3-methyl-2-tridecenoic acid	---	6.81096	2030.5265	167.660	181.77	391.85	2
14637	C14H26O2	4-methyl-2-tridecenoic acid	---	6.81096	2030.5265	167.660	181.77	391.85	2
14638	C14H26O2	5-methyl-2-tridecenoic acid	---	6.81096	2030.5265	167.660	181.77	391.85	2
14639	C14H26O2	6-methyl-2-tridecenoic acid	---	6.81096	2030.5265	167.660	181.77	391.85	2
14640	C14H26O2	7-methyl-2-tridecenoic acid	---	6.81096	2030.5265	167.660	181.77	391.85	2

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mmHg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
14641	C14H26O2	8-methyl-2-tridecanoic acid	---	6.81096	2030.5265	167.660	181.77	391.85	2
14642	C14H26O2	9-methyl-2-tridecanoic acid	---	6.81096	2030.5265	167.660	181.77	391.85	2
14643	C14H26O2	10-methyl-2-tridecanoic acid	---	6.81096	2030.5265	167.660	181.77	391.85	2
14644	C14H26O2	11-methyl-2-tridecanoic acid	---	6.81096	2030.5265	167.660	181.77	391.85	2
14645	C14H26O2	12-methyl-2-tridecanoic acid	---	6.81096	2030.5265	167.660	181.77	391.85	2
14646	C14H26O2	2-methyl-3-tridecanoic acid	---	6.81096	2030.5265	167.660	181.77	391.85	2
14647	C14H26O2	3-methyl-3-tridecanoic acid	---	6.81096	2030.5265	167.660	181.77	391.85	2
14648	C14H26O2	4-methyl-3-tridecanoic acid	---	6.81096	2030.5265	167.660	181.77	391.85	2
14649	C14H26O2	5-methyl-3-tridecanoic acid	---	6.81096	2030.5265	167.660	181.77	391.85	2
14650	C14H26O2	6-methyl-3-tridecanoic acid	---	6.81096	2030.5265	167.660	181.77	391.85	2
14651	C14H26O2	7-methyl-3-tridecanoic acid	---	6.81096	2030.5265	167.660	181.77	391.85	2
14652	C14H26O2	8-methyl-3-tridecanoic acid	---	6.81096	2030.5265	167.660	181.77	391.85	2
14653	C14H26O2	9-methyl-3-tridecanoic acid	---	6.81096	2030.5265	167.660	181.77	391.85	2
14654	C14H26O2	10-methyl-3-tridecanoic acid	---	6.81096	2030.5265	167.660	181.77	391.85	2
14655	C14H26O2	11-methyl-3-tridecanoic acid	---	6.81096	2030.5265	167.660	181.77	391.85	2
14656	C14H26O2	12-methyl-3-tridecanoic acid	---	6.81096	2030.5265	167.660	181.77	391.85	2
14657	C14H26O2	2-methyl-4-tridecanoic acid	---	6.81096	2030.5265	167.660	181.77	391.85	2
14658	C14H26O2	3-methyl-4-tridecanoic acid	---	6.81096	2030.5265	167.660	181.77	391.85	2
14659	C14H26O2	4-methyl-4-tridecanoic acid	---	6.81096	2030.5265	167.660	181.77	391.85	2
14660	C14H26O2	5-methyl-4-tridecanoic acid	---	6.81096	2030.5265	167.660	181.77	391.85	2
14661	C14H26O2	6-methyl-4-tridecanoic acid	---	6.81096	2030.5265	167.660	181.77	391.85	2
14662	C14H26O2	7-methyl-4-tridecanoic acid	---	6.81096	2030.5265	167.660	181.77	391.85	2
14663	C14H26O2	8-methyl-4-tridecanoic acid	---	6.81096	2030.5265	167.660	181.77	391.85	2
14664	C14H26O2	9-methyl-4-tridecanoic acid	---	6.81096	2030.5265	167.660	181.77	391.85	2
14665	C14H26O2	10-methyl-4-tridecanoic acid	---	6.81096	2030.5265	167.660	181.77	391.85	2
14666	C14H26O2	11-methyl-4-tridecanoic acid	---	6.81096	2030.5265	167.660	181.77	391.85	2
14667	C14H26O2	12-methyl-4-tridecanoic acid	---	6.81096	2030.5265	167.660	181.77	391.85	2
14668	C14H26O2	2,3-dimethyl-2-dodecanoic acid	---	6.62085	1940.6243	169.884	175.37	394.41	2
14669	C14H26O2	2,4-dimethyl-2-dodecanoic acid	---	6.62085	1940.6243	169.884	175.37	394.41	2
14670	C14H26O2	2,5-dimethyl-2-dodecanoic acid	---	6.62085	1940.6243	169.884	175.37	394.41	2
14671	C14H26O2	2,6-dimethyl-2-dodecanoic acid	---	6.62085	1940.6243	169.884	175.37	394.41	2
14672	C14H26O2	2,7-dimethyl-2-dodecanoic acid	---	6.62085	1940.6243	169.884	175.37	394.41	2
14673	C14H26O2	2,8-dimethyl-2-dodecanoic acid	---	6.62085	1940.6243	169.884	175.37	394.41	2
14674	C14H26O2	2,9-dimethyl-2-dodecanoic acid	---	6.62085	1940.6243	169.884	175.37	394.41	2
14675	C14H26O2	2,10-dimethyl-2-dodecanoic acid	---	6.62085	1940.6243	169.884	175.37	394.41	2
14676	C14H26O2	2,11-dimethyl-2-dodecanoic acid	---	6.62085	1940.6243	169.884	175.37	394.41	2
14677	C14H26O2	2-ethyl-2-dodecanoic acid	---	6.71412	1984.7570	168.772	178.57	393.12	2
14678	C14H26O2	3-ethyl-2-dodecanoic acid	---	6.71412	1984.7570	168.772	178.57	393.12	2
14679	C14H26O2	4-ethyl-2-dodecanoic acid	---	6.71412	1984.7570	168.772	178.57	393.12	2
14680	C14H26O2	5-ethyl-2-dodecanoic acid	---	6.71412	1984.7570	168.772	178.57	393.12	2
14681	C14H26O2	6-ethyl-2-dodecanoic acid	---	6.71412	1984.7570	168.772	178.57	393.12	2
14682	C14H26O2	7-ethyl-2-dodecanoic acid	---	6.71412	1984.7570	168.772	178.57	393.12	2
14683	C14H26O2	8-ethyl-2-dodecanoic acid	---	6.71412	1984.7570	168.772	178.57	393.12	2
14684	C14H26O2	9-ethyl-2-dodecanoic acid	---	6.71412	1984.7570	168.772	178.57	393.12	2
14685	C14H26O2	10-ethyl-2-dodecanoic acid	---	6.71412	1984.7570	168.772	178.57	393.12	2
14686	C14H26O2	11-ethyl-2-dodecanoic acid	---	6.71412	1984.7570	168.772	178.57	393.12	2
14687	C14H26O2	methyl 12-tetradecenoate	29780-00-5	6.46903	1677.0024	189.386	117.25	320.78	2
14688	C14H26O2	decyl methacrylate	3179-47-3	6.46903	1677.0024	189.386	117.25	320.78	2
14689	C14H26O2	isodecyl methacrylate	29964-84-9	6.46903	1677.0024	189.386	117.25	320.78	2
14690	C14H26O2	citronellyl butyrate	141-16-2	6.46903	1677.0024	189.386	117.25	320.78	2
14691	C14H26O2	citronellyl isobutyrate	97-89-2	6.46903	1677.0024	189.386	117.25	320.78	2
14692	C14H26O2	cis-7-dodecenyl acetate	14959-86-5	6.46903	1677.0024	189.386	117.25	320.78	2
14693	C14H26O4	diethyl sebacate	110-40-7	8.45697	3090.1790	242.128	172.27	343.67	1,2
14694	C14H26O4	1,12-dodecanedicarboxylic acid	821-38-5	7.42028	2598.4458	144.603	260.12	468.46	3
14695	C14H27Br	1-bromo-1-tetradecene	---	7.95259	2368.3592	171.274	169.37	325.16	2
14696	C14H27Br	cis-1-bromo-1-tetradecene	66827-02-9	7.81766	2305.3540	171.274	166.87	326.02	2
14697	C14H27Br	trans-1-bromo-1-tetradecene	66827-03-0	7.81766	2305.3540	171.274	166.87	326.02	2
14698	C14H27Br	2-bromo-1-tetradecene	---	7.96058	2371.8070	171.219	169.53	325.11	2
14699	C14H27Br	3-bromo-1-tetradecene	---	7.96858	2375.2635	171.163	169.69	325.05	2
14700	C14H27Br	4-bromo-1-tetradecene	---	7.97661	2378.7285	171.108	169.85	325.00	2
14701	C14H27Br	5-bromo-1-tetradecene	---	7.98466	2382.2022	171.052	170.01	324.95	2
14702	C14H27Br	6-bromo-1-tetradecene	---	7.99273	2385.6846	170.996	170.17	324.90	2
14703	C14H27Br	7-bromo-1-tetradecene	---	8.00082	2389.1757	170.941	170.33	324.84	2
14704	C14H27Br	8-bromo-1-tetradecene	---	8.00893	2392.6756	170.885	170.49	324.79	2
14705	C14H27Br	9-bromo-1-tetradecene	---	8.01707	2396.1842	170.830	170.65	324.74	2
14706	C14H27Br	10-bromo-1-tetradecene	---	8.02522	2399.7016	170.774	170.81	324.69	2
14707	C14H27Br	11-bromo-1-tetradecene	---	8.03339	2403.2279	170.718	170.97	324.63	2
14708	C14H27Br	12-bromo-1-tetradecene	---	8.04159	2406.7631	170.663	171.13	324.58	2
14709	C14H27Br	13-bromo-1-tetradecene	---	8.04980	2410.3072	170.607	171.29	324.53	2
14710	C14H27Br	14-bromo-1-tetradecene	---	8.05804	2413.8603	170.552	171.45	324.48	2
14711	C14H27Br	1-bromo-2-tetradecene	---	8.06630	2417.4223	170.496	171.61	324.43	2
14712	C14H27Br	2-bromo-2-tetradecene	---	8.07458	2420.9934	170.440	171.77	324.37	2
14713	C14H27Br	3-bromo-2-tetradecene	---	8.08288	2424.5735	170.385	171.93	324.32	2
14714	C14H27Br	4-bromo-2-tetradecene	---	8.09120	2428.1627	170.329	172.09	324.27	2
14715	C14H27Br	5-bromo-2-tetradecene	---	8.09955	2431.7610	170.274	172.25	324.22	2
14716	C14H27Br	6-bromo-2-tetradecene	---	8.10791	2435.3685	170.218	172.41	324.17	2
14717	C14H27Br	7-bromo-2-tetradecene	---	8.11630	2438.9852	170.162	172.57	324.11	2
14718	C14H27Br	8-bromo-2-tetradecene	---	8.12471	2442.6111	170.107	172.73	324.06	2
14719	C14H27Br	9-bromo-2-tetradecene	---	8.13314	2446.2463	170.051	172.89	324.01	2
14720	C14H27Br	10-bromo-2-tetradecene	---	8.14159	2449.8909	169.996	173.05	323.96	2

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mmHg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
14721	C14H27Br	11-bromo-2-tetradecene	---	8.15007	2453.5447	169.940	173.21	323.91	2
14722	C14H27Br	12-bromo-2-tetradecene	---	8.15856	2457.2079	169.884	173.37	323.86	2
14723	C14H27Br	13-bromo-2-tetradecene	---	8.16708	2460.8806	169.829	173.53	323.80	2
14724	C14H27Br	14-bromo-2-tetradecene	---	8.17563	2464.5627	169.773	173.69	323.75	2
14725	C14H27Br3	1,1,1-tribromotetradecane	62155-25-3	7.92909	2567.2862	154.038	216.47	386.76	2
14726	C14H27Cl	1-chloro-1-tetradecene	---	6.85837	1962.4959	173.220	161.77	360.57	2
14727	C14H27Cl	cis-1-chloro-1-tetradecene	66827-04-1	6.85837	1962.4959	173.220	161.77	360.57	2
14728	C14H27Cl	trans-1-chloro-1-tetradecene	66827-05-2	6.85837	1962.4959	173.220	161.77	360.57	2
14729	C14H27Cl	2-chloro-1-tetradecene	---	6.86890	1967.2507	173.109	162.09	360.45	2
14730	C14H27Cl	3-chloro-1-tetradecene	---	6.87419	1969.6352	173.054	162.25	360.38	2
14731	C14H27Cl	4-chloro-1-tetradecene	---	6.87948	1972.0243	172.998	162.41	360.32	2
14732	C14H27Cl	5-chloro-1-tetradecene	---	6.88479	1974.4182	172.942	162.57	360.26	2
14733	C14H27Cl	6-chloro-1-tetradecene	---	6.89010	1976.8167	172.887	162.73	360.20	2
14734	C14H27Cl	7-chloro-1-tetradecene	---	6.89543	1979.2200	172.831	162.89	360.14	2
14735	C14H27Cl	8-chloro-1-tetradecene	---	6.90077	1981.6281	172.776	163.05	360.07	2
14736	C14H27Cl	9-chloro-1-tetradecene	---	6.90612	1984.0409	172.720	163.21	360.01	2
14737	C14H27Cl	10-chloro-1-tetradecene	---	6.91148	1986.4586	172.664	163.37	359.95	2
14738	C14H27Cl	11-chloro-1-tetradecene	---	6.91685	1988.8810	172.609	163.53	359.89	2
14739	C14H27Cl	12-chloro-1-tetradecene	---	6.92223	1991.3082	172.553	163.69	359.83	2
14740	C14H27Cl	13-chloro-1-tetradecene	---	6.92762	1993.7403	172.498	163.85	359.77	2
14741	C14H27Cl	14-chloro-1-tetradecene	---	6.93302	1996.1772	172.442	164.01	359.70	2
14742	C14H27Cl	1-chloro-2-tetradecene	---	6.93844	1998.6190	172.386	164.17	359.64	2
14743	C14H27Cl	2-chloro-2-tetradecene	---	6.94386	2001.0656	172.331	164.33	359.58	2
14744	C14H27Cl	3-chloro-2-tetradecene	---	6.94930	2003.5171	172.275	164.49	359.52	2
14745	C14H27Cl	4-chloro-2-tetradecene	---	6.95475	2005.9736	172.220	164.65	359.46	2
14746	C14H27Cl	5-chloro-2-tetradecene	---	6.96021	2008.4349	172.164	164.81	359.40	2
14747	C14H27Cl	6-chloro-2-tetradecene	---	6.96568	2010.9012	172.108	164.97	359.34	2
14748	C14H27Cl	7-chloro-2-tetradecene	---	6.97116	2013.3724	172.053	165.13	359.28	2
14749	C14H27Cl	8-chloro-2-tetradecene	---	6.97666	2015.8486	171.997	165.29	359.21	2
14750	C14H27Cl	9-chloro-2-tetradecene	---	6.98216	2018.3298	171.942	165.45	359.15	2
14751	C14H27Cl	10-chloro-2-tetradecene	---	6.98768	2020.8160	171.886	165.61	359.09	2
14752	C14H27Cl	11-chloro-2-tetradecene	---	6.99320	2023.3072	171.830	165.77	359.03	2
14753	C14H27Cl	12-chloro-2-tetradecene	---	6.99874	2025.8034	171.775	165.93	358.97	2
14754	C14H27Cl	13-chloro-2-tetradecene	---	7.00429	2028.3047	171.719	166.09	358.91	2
14755	C14H27Cl	14-chloro-2-tetradecene	---	7.00985	2030.8110	171.664	166.25	358.85	2
14756	C14H27Cl3	1,1,1-trichlorotetradecane	62108-58-1	7.11503	2141.1803	164.880	185.27	379.51	3
14757	C14H27F	1-fluoro-1-tetradecene	---	6.45010	1722.5933	184.896	131.17	342.17	2
14758	C14H27F	cis-1-fluoro-1-tetradecene	66827-06-3	6.45010	1722.5933	184.896	131.17	342.17	2
14759	C14H27F	trans-1-fluoro-1-tetradecene	66827-07-4	6.45010	1722.5933	184.896	131.17	342.17	2
14760	C14H27F	2-fluoro-1-tetradecene	---	6.45471	1724.6206	184.841	131.33	342.10	2
14761	C14H27F	3-fluoro-1-tetradecene	---	6.45933	1726.6516	184.785	131.49	342.04	2
14762	C14H27F	4-fluoro-1-tetradecene	---	6.46396	1728.6865	184.730	131.65	341.97	2
14763	C14H27F	5-fluoro-1-tetradecene	---	6.46860	1730.7251	184.674	131.81	341.90	2
14764	C14H27F	6-fluoro-1-tetradecene	---	6.47325	1732.7675	184.618	131.97	341.83	2
14765	C14H27F	7-fluoro-1-tetradecene	---	6.47791	1734.8137	184.563	132.13	341.77	2
14766	C14H27F	8-fluoro-1-tetradecene	---	6.48257	1736.8638	184.507	132.29	341.70	2
14767	C14H27F	9-fluoro-1-tetradecene	---	6.48725	1738.9177	184.452	132.45	341.63	2
14768	C14H27F	10-fluoro-1-tetradecene	---	6.49193	1740.9755	184.396	132.61	341.56	2
14769	C14H27F	11-fluoro-1-tetradecene	---	6.49663	1743.0371	184.340	132.77	341.50	2
14770	C14H27F	12-fluoro-1-tetradecene	---	6.50133	1745.1026	184.285	132.93	341.43	2
14771	C14H27F	13-fluoro-1-tetradecene	---	6.50604	1747.1719	184.229	133.09	341.36	2
14772	C14H27F	14-fluoro-1-tetradecene	---	6.51076	1749.2452	184.174	133.25	341.30	2
14773	C14H27F	1-fluoro-2-tetradecene	---	6.51549	1751.3224	184.118	133.41	341.23	2
14774	C14H27F	2-fluoro-2-tetradecene	---	6.52023	1753.4034	184.062	133.57	341.16	2
14775	C14H27F	3-fluoro-2-tetradecene	---	6.52498	1755.4885	184.007	133.73	341.10	2
14776	C14H27F	4-fluoro-2-tetradecene	---	6.52974	1757.5774	183.951	133.89	341.03	2
14777	C14H27F	5-fluoro-2-tetradecene	---	6.53450	1759.6703	183.896	134.05	340.96	2
14778	C14H27F	6-fluoro-2-tetradecene	---	6.53928	1761.7672	183.840	134.21	340.90	2
14779	C14H27F	7-fluoro-2-tetradecene	---	6.54406	1763.8680	183.784	134.37	340.83	2
14780	C14H27F	8-fluoro-2-tetradecene	---	6.54886	1765.9728	183.729	134.53	340.76	2
14781	C14H27F	9-fluoro-2-tetradecene	---	6.55366	1768.0816	183.673	134.69	340.70	2
14782	C14H27F	10-fluoro-2-tetradecene	---	6.55848	1770.1945	183.618	134.85	340.63	2
14783	C14H27F	11-fluoro-2-tetradecene	---	6.56330	1772.3113	183.562	135.01	340.56	2
14784	C14H27F	12-fluoro-2-tetradecene	---	6.56813	1774.4322	183.506	135.17	340.50	2
14785	C14H27F	13-fluoro-2-tetradecene	---	6.57298	1776.5571	183.451	135.33	340.43	2
14786	C14H27F	14-fluoro-2-tetradecene	---	6.57783	1778.6861	183.395	135.49	340.37	2
14787	C14H27F3	1,1,1-trifluorotetradecane	62126-99-2	6.56154	1709.6467	196.550	110.85	309.31	3
14788	C14H27I	1-iodo-1-tetradecene	---	9.01555	2796.6904	167.938	180.97	311.46	3
14789	C14H27I	cis-1-iodo-1-tetradecene	66827-08-5	9.01555	2796.6904	167.938	180.97	311.46	3
14790	C14H27I	trans-1-iodo-1-tetradecene	66827-09-6	9.01555	2796.6904	167.938	180.97	311.46	3
14791	C14H27I	2-iodo-1-tetradecene	---	9.02657	2801.3762	167.883	181.13	311.42	3
14792	C14H27I	3-iodo-1-tetradecene	---	9.03764	2806.0758	167.827	181.29	311.37	3
14793	C14H27I	4-iodo-1-tetradecene	---	9.04873	2810.7894	167.772	181.45	311.32	3
14794	C14H27I	5-iodo-1-tetradecene	---	9.05986	2815.5169	167.716	181.61	311.28	3
14795	C14H27I	6-iodo-1-tetradecene	---	9.07102	2820.2585	167.660	181.77	311.23	3
14796	C14H27I	7-iodo-1-tetradecene	---	9.08221	2825.0142	167.605	181.93	311.18	3
14797	C14H27I	8-iodo-1-tetradecene	---	9.09344	2829.7841	167.549	182.09	311.13	3
14798	C14H27I	9-iodo-1-tetradecene	---	9.10471	2834.5681	167.494	182.25	311.09	3
14799	C14H27I	10-iodo-1-tetradecene	---	9.11600	2839.3665	167.438	182.41	311.04	3
14800	C14H27I	11-iodo-1-tetradecene	---	9.12733	2844.1793	167.382	182.57	310.99	3

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mmHg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
14801	C14H27I	12-iodo-1-tetradecene	---	9.13870	2849.0065	167.327	182.73	310.95	3
14802	C14H27I	13-iodo-1-tetradecene	---	9.15010	2853.8482	167.271	182.89	310.90	3
14803	C14H27I	14-iodo-1-tetradecene	---	9.16154	2858.7044	167.216	183.05	310.85	3
14804	C14H27I	1-iodo-2-tetradecene	---	9.17301	2863.5753	167.160	183.21	310.81	3
14805	C14H27I	2-iodo-2-tetradecene	---	9.18451	2868.4609	167.104	183.37	310.76	3
14806	C14H27I	3-iodo-2-tetradecene	---	9.19605	2873.3612	167.049	183.53	310.71	3
14807	C14H27I	4-iodo-2-tetradecene	---	9.20763	2878.2764	166.993	183.69	310.67	3
14808	C14H27I	5-iodo-2-tetradecene	---	9.21924	2883.2064	166.938	183.85	310.62	3
14809	C14H27I	6-iodo-2-tetradecene	---	9.23089	2888.1515	166.882	184.01	310.57	3
14810	C14H27I	7-iodo-2-tetradecene	---	9.24257	2893.1116	166.826	184.17	310.53	3
14811	C14H27I	8-iodo-2-tetradecene	---	9.25429	2898.0868	166.771	184.33	310.48	3
14812	C14H27I	9-iodo-2-tetradecene	---	9.26604	2903.0771	166.715	184.49	310.43	3
14813	C14H27I	10-iodo-2-tetradecene	---	9.27784	2908.0827	166.660	184.65	310.39	3
14814	C14H27I	11-iodo-2-tetradecene	---	9.28967	2913.1037	166.604	184.81	310.34	3
14815	C14H27I	12-iodo-2-tetradecene	---	9.30153	2918.1400	166.548	184.97	310.30	3
14816	C14H27I	13-iodo-2-tetradecene	---	9.31343	2923.1918	166.493	185.13	310.25	3
14817	C14H27I	14-iodo-2-tetradecene	---	9.32537	2928.2591	166.437	185.29	310.20	3
14818	C14H27N	tetradecanenitrile	629-63-0	7.13312	2058.9516	170.440	165.27	350.64	2
14819	C14H28	nonylcyclopentane	2882-98-6	7.83499	2137.6811	183.198	129.56	276.21	2
14820	C14H28	octylcyclohexane	1795-15-9	7.49555	2081.6819	196.244	124.23	286.33	1,2
14821	C14H28	cyclotetradecane	295-17-0	6.98235	1869.4964	187.510	124.99	304.40	3
14822	C14H28	1-tetradecene	1120-36-1	7.27317	1926.9564	187.657	119.52	283.33	1,2
14823	C14H28	2-tetradecene	35953-53-8	7.81613	2122.5107	186.773	124.62	271.23	2
14824	C14H28	3-tetradecene	41446-67-7	8.07377	2225.0152	185.174	129.37	269.66	2
14825	C14H28	4-tetradecene	41446-65-5	8.11918	2243.0127	184.896	130.17	269.40	2
14826	C14H28	5-tetradecene	41446-62-2	8.16523	2261.2618	184.618	130.97	269.14	2
14827	C14H28	6-tetradecene	41446-61-1	8.02900	2207.2640	185.452	128.57	269.92	2
14828	C14H28	trans-6-tetradecene	41446-64-4	6.93954	1578.7244	145.677	120.12	274.45	2
14829	C14H28	7-tetradecene	---	8.42794	2365.2842	183.105	135.33	267.76	2
14830	C14H28	trans-7-tetradecene	41446-63-3	7.45871	1998.5471	186.564	122.87	280.73	1,2
14831	C14H28	2-methyl-1-tridecene	18094-01-4	7.64102	2069.7072	191.500	120.15	272.65	2
14832	C14H28	3-methyl-1-tridecene	---	8.09413	2233.0833	185.049	129.73	269.54	2
14833	C14H28	4-methyl-1-tridecene	---	8.09413	2233.0833	185.049	129.73	269.54	2
14834	C14H28	5-methyl-1-tridecene	---	8.09413	2233.0833	185.049	129.73	269.54	2
14835	C14H28	6-methyl-1-tridecene	---	8.09413	2233.0833	185.049	129.73	269.54	2
14836	C14H28	7-methyl-1-tridecene	---	8.09413	2233.0833	185.049	129.73	269.54	2
14837	C14H28	8-methyl-1-tridecene	---	8.09413	2233.0833	185.049	129.73	269.54	2
14838	C14H28	9-methyl-1-tridecene	---	8.09413	2233.0833	185.049	129.73	269.54	2
14839	C14H28	10-methyl-1-tridecene	---	8.09413	2233.0833	185.049	129.73	269.54	2
14840	C14H28	11-methyl-1-tridecene	---	8.09413	2233.0833	185.049	129.73	269.54	2
14841	C14H28	12-methyl-1-tridecene	---	8.09413	2233.0833	185.049	129.73	269.54	2
14842	C14H28	3-methyl-2-tridecene	---	8.09413	2233.0833	185.049	129.73	269.54	2
14843	C14H28	4-methyl-2-tridecene	---	8.09413	2233.0833	185.049	129.73	269.54	2
14844	C14H28	5-methyl-2-tridecene	---	8.09413	2233.0833	185.049	129.73	269.54	2
14845	C14H28	6-methyl-2-tridecene	---	8.09413	2233.0833	185.049	129.73	269.54	2
14846	C14H28	7-methyl-2-tridecene	---	8.09413	2233.0833	185.049	129.73	269.54	2
14847	C14H28	8-methyl-2-tridecene	---	8.09413	2233.0833	185.049	129.73	269.54	2
14848	C14H28	9-methyl-2-tridecene	---	8.09413	2233.0833	185.049	129.73	269.54	2
14849	C14H28	10-methyl-2-tridecene	---	8.09413	2233.0833	185.049	129.73	269.54	2
14850	C14H28	11-methyl-2-tridecene	---	8.09413	2233.0833	185.049	129.73	269.54	2
14851	C14H28	12-methyl-2-tridecene	---	8.09413	2233.0833	185.049	129.73	269.54	2
14852	C14H28	4-methyl-3-tridecene	---	8.09413	2233.0833	185.049	129.73	269.54	2
14853	C14H28	5-methyl-3-tridecene	---	8.09413	2233.0833	185.049	129.73	269.54	2
14854	C14H28	6-methyl-3-tridecene	---	8.09413	2233.0833	185.049	129.73	269.54	2
14855	C14H28	7-methyl-3-tridecene	---	8.09413	2233.0833	185.049	129.73	269.54	2
14856	C14H28	8-methyl-3-tridecene	---	8.09413	2233.0833	185.049	129.73	269.54	2
14857	C14H28	9-methyl-3-tridecene	---	8.09413	2233.0833	185.049	129.73	269.54	2
14858	C14H28	10-methyl-3-tridecene	---	8.09413	2233.0833	185.049	129.73	269.54	2
14859	C14H28	11-methyl-3-tridecene	---	8.09413	2233.0833	185.049	129.73	269.54	2
14860	C14H28	12-methyl-3-tridecene	---	8.09413	2233.0833	185.049	129.73	269.54	2
14861	C14H28	2,3-dimethyl-1-dodecene	---	7.79146	2112.9934	186.995	124.13	271.39	2
14862	C14H28	3,3-dimethyl-1-dodecene	---	7.79146	2112.9934	186.995	124.13	271.39	2
14863	C14H28	3,4-dimethyl-1-dodecene	---	7.79146	2112.9934	186.995	124.13	271.39	2
14864	C14H28	3,5-dimethyl-1-dodecene	---	7.79146	2112.9934	186.995	124.13	271.39	2
14865	C14H28	3,6-dimethyl-1-dodecene	---	7.79146	2112.9934	186.995	124.13	271.39	2
14866	C14H28	3,7-dimethyl-1-dodecene	---	7.79146	2112.9934	186.995	124.13	271.39	2
14867	C14H28	3,8-dimethyl-1-dodecene	---	7.79146	2112.9934	186.995	124.13	271.39	2
14868	C14H28	3,9-dimethyl-1-dodecene	---	7.79146	2112.9934	186.995	124.13	271.39	2
14869	C14H28	3,10-dimethyl-1-dodecene	---	7.79146	2112.9934	186.995	124.13	271.39	2
14870	C14H28	3,11-dimethyl-1-dodecene	---	7.79146	2112.9934	186.995	124.13	271.39	2
14871	C14H28	3,4-dimethyl-2-dodecene	---	7.79146	2112.9934	186.995	124.13	271.39	2
14872	C14H28	4,4-dimethyl-2-dodecene	---	7.79146	2112.9934	186.995	124.13	271.39	2
14873	C14H28	4,5-dimethyl-2-dodecene	---	7.79146	2112.9934	186.995	124.13	271.39	2
14874	C14H28	4,6-dimethyl-2-dodecene	---	7.79146	2112.9934	186.995	124.13	271.39	2
14875	C14H28	4,7-dimethyl-2-dodecene	---	7.79146	2112.9934	186.995	124.13	271.39	2
14876	C14H28	4,8-dimethyl-2-dodecene	---	7.79146	2112.9934	186.995	124.13	271.39	2
14877	C14H28	4,9-dimethyl-2-dodecene	---	7.79146	2112.9934	186.995	124.13	271.39	2
14878	C14H28	4,10-dimethyl-2-dodecene	---	7.79146	2112.9934	186.995	124.13	271.39	2
14879	C14H28	4,11-dimethyl-2-dodecene	---	7.79146	2112.9934	186.995	124.13	271.39	2
14880	C14H28	2,2,3,5,5,6,6-heptamethyl-3-heptene	54845-26-0	6.15051	1444.3685	198.451	81.98	288.09	2

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mmHg}, T - C)$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
14881	C14H28	2-ethyl-1-dodecene	---	8.07377	2225.0152	185.174	129.37	269.66	2
14882	C14H28	3-ethyl-1-dodecene	---	8.07377	2225.0152	185.174	129.37	269.66	2
14883	C14H28	4-ethyl-1-dodecene	---	8.07377	2225.0152	185.174	129.37	269.66	2
14884	C14H28	5-ethyl-1-dodecene	---	8.07377	2225.0152	185.174	129.37	269.66	2
14885	C14H28	6-ethyl-1-dodecene	---	8.07377	2225.0152	185.174	129.37	269.66	2
14886	C14H28	7-ethyl-1-dodecene	---	8.07377	2225.0152	185.174	129.37	269.66	2
14887	C14H28	8-ethyl-1-dodecene	---	8.07377	2225.0152	185.174	129.37	269.66	2
14888	C14H28	9-ethyl-1-dodecene	---	8.07377	2225.0152	185.174	129.37	269.66	2
14889	C14H28	10-ethyl-1-dodecene	---	8.07377	2225.0152	185.174	129.37	269.66	2
14890	C14H28	11-ethyl-1-dodecene	---	8.07377	2225.0152	185.174	129.37	269.66	2
14891	C14H28	(1-methyloctyl)-cyclohexane	2883-05-8	8.85853	3117.0414	273.150	123.49	275.95	2
14892	C14H28	2-tert-butyl-4-methyl-1-isopropylcyclohexane	900000-02-4	6.61058	1640.7714	191.619	100.82	286.92	2
14893	C14H28Br2	1,1-dibromotetradecane	62168-31-4	7.91704	2486.2336	161.266	198.17	363.79	3
14894	C14H28Br2	1,2-dibromotetradecane	---	7.95459	2503.3616	160.988	198.97	363.52	3
14895	C14H28Br2	1,3-dibromotetradecane	---	7.99259	2520.6920	160.710	199.77	363.26	3
14896	C14H28Br2	1,4-dibromotetradecane	---	8.03106	2538.2287	160.432	200.57	363.00	3
14897	C14H28Br2	1,5-dibromotetradecane	---	8.07000	2555.9753	160.154	201.37	362.74	3
14898	C14H28Br2	1,6-dibromotetradecane	---	8.10941	2573.9358	159.876	202.17	362.48	3
14899	C14H28Br2	1,7-dibromotetradecane	---	8.14931	2592.1141	159.598	202.97	362.22	3
14900	C14H28Br2	1,8-dibromotetradecane	---	8.18971	2610.5142	159.320	203.77	361.96	3
14901	C14H28Br2	1,9-dibromotetradecane	---	8.23061	2629.1404	159.042	204.57	361.71	3
14902	C14H28Br2	1,10-dibromotetradecane	---	8.27203	2647.9968	158.764	205.37	361.45	3
14903	C14H28Br2	1,11-dibromotetradecane	---	8.31398	2667.0880	158.486	206.17	361.20	3
14904	C14H28Br2	1,12-dibromotetradecane	---	8.35646	2686.4183	158.208	206.97	360.95	3
14905	C14H28Br2	1,13-dibromotetradecane	---	8.39948	2705.9923	157.930	207.77	360.69	3
14906	C14H28Br2	1,14-dibromotetradecane	37688-96-3	8.44306	2725.8149	157.652	208.57	360.44	3
14907	C14H28Br2	2,2-dibromotetradecane	---	7.56475	2325.3399	164.046	190.17	366.50	3
14908	C14H28Br2	2,3-dibromotetradecane	---	7.59818	2340.6276	163.768	190.97	366.22	3
14909	C14H28Br2	2,4-dibromotetradecane	---	7.63200	2356.0853	163.490	191.77	365.95	3
14910	C14H28Br2	2,5-dibromotetradecane	---	7.66620	2371.7160	163.212	192.57	365.67	3
14911	C14H28Br2	2,6-dibromotetradecane	---	7.70080	2387.5226	162.934	193.37	365.40	3
14912	C14H28Br2	2,7-dibromotetradecane	---	7.73579	2403.5083	162.656	194.17	365.13	3
14913	C14H28Br2	2,8-dibromotetradecane	---	7.77120	2419.6760	162.378	194.97	364.86	3
14914	C14H28Br2	2,9-dibromotetradecane	---	7.80702	2436.0292	162.100	195.77	364.59	3
14915	C14H28Br2	2,10-dibromotetradecane	---	7.84326	2452.5709	161.822	196.57	364.32	3
14916	C14H28Br2	2,11-dibromotetradecane	---	7.87993	2469.3045	161.544	197.37	364.05	3
14917	C14H28Br2	2,12-dibromotetradecane	---	7.91704	2486.2336	161.266	198.17	363.79	3
14918	C14H28Br2	2,13-dibromotetradecane	---	7.95459	2503.3616	160.988	198.97	363.52	3
14919	C14H28Cl2	1,1-dichlorotetradecane	4168-40-5	6.89790	2038.5765	171.274	174.37	377.31	2
14920	C14H28Cl2	1,2-dichlorotetradecane	---	6.74556	1960.1908	170.996	170.17	379.05	2
14921	C14H28Cl2	1,3-dichlorotetradecane	---	6.77021	1971.6138	170.718	170.97	378.73	2
14922	C14H28Cl2	1,4-dichlorotetradecane	---	6.79511	1983.1447	170.440	171.77	378.41	2
14923	C14H28Cl2	1,5-dichlorotetradecane	---	6.82024	1994.7851	170.162	172.57	378.10	2
14924	C14H28Cl2	1,6-dichlorotetradecane	---	6.84563	2006.5364	169.884	173.37	377.78	2
14925	C14H28Cl2	1,7-dichlorotetradecane	---	6.87126	2018.4004	169.606	174.17	377.47	2
14926	C14H28Cl2	1,8-dichlorotetradecane	---	6.89715	2030.3788	169.328	174.97	377.16	2
14927	C14H28Cl2	1,9-dichlorotetradecane	---	6.92330	2042.4732	169.050	175.77	376.85	2
14928	C14H28Cl2	1,10-dichlorotetradecane	---	6.94971	2054.6855	168.772	176.57	376.55	2
14929	C14H28Cl2	1,11-dichlorotetradecane	---	6.97638	2067.0173	168.494	177.37	376.24	2
14930	C14H28Cl2	1,12-dichlorotetradecane	---	7.00333	2079.4705	168.216	178.17	375.94	2
14931	C14H28Cl2	1,13-dichlorotetradecane	---	7.03055	2092.0470	167.938	178.97	375.63	2
14932	C14H28Cl2	1,14-dichlorotetradecane	---	7.05805	2104.7486	167.660	179.77	375.33	2
14933	C14H28Cl2	2,2-dichlorotetradecane	---	6.48926	1841.2305	174.054	161.37	382.64	2
14934	C14H28Cl2	2,3-dichlorotetradecane	---	6.51149	1851.5636	173.776	162.17	382.31	2
14935	C14H28Cl2	2,4-dichlorotetradecane	---	6.53392	1861.9890	173.498	162.97	381.97	2
14936	C14H28Cl2	2,5-dichlorotetradecane	---	6.55656	1872.5080	173.220	163.77	381.64	2
14937	C14H28Cl2	2,6-dichlorotetradecane	---	6.57942	1883.1219	172.942	164.57	381.31	2
14938	C14H28Cl2	2,7-dichlorotetradecane	---	6.60248	1893.8320	172.664	165.37	380.98	2
14939	C14H28Cl2	2,8-dichlorotetradecane	---	6.62577	1904.6396	172.386	166.17	380.66	2
14940	C14H28Cl2	2,9-dichlorotetradecane	---	6.64927	1915.5462	172.108	166.97	380.33	2
14941	C14H28Cl2	2,10-dichlorotetradecane	---	6.67300	1926.5532	171.830	167.77	380.01	2
14942	C14H28Cl2	2,11-dichlorotetradecane	---	6.69696	1937.6619	171.552	168.57	379.69	2
14943	C14H28Cl2	2,12-dichlorotetradecane	---	6.72114	1948.8740	171.274	169.37	379.36	2
14944	C14H28Cl2	2,13-dichlorotetradecane	---	6.74556	1960.1908	170.996	170.17	379.05	2
14945	C14H28CuN2S4	bis(dipropyldithio-carbamate)copper	14354-07-5	11.48200	6187.0000	273.150	317.10	472.26	3
14946	C14H28CuN2S4	bis(diisopropyldithio-carbamate)copper	14354-08-6	12.27900	6767.0000	273.150	326.81	470.71	3
14947	C14H28F2	1,1-difluorotetradecane	62127-03-1	6.42005	1720.6282	186.286	131.17	345.07	3
14948	C14H28F2	1,2-difluorotetradecane	---	6.44276	1730.6789	186.008	131.97	344.73	3
14949	C14H28F2	1,3-difluorotetradecane	---	6.46569	1740.8227	185.730	132.77	344.39	3
14950	C14H28F2	1,4-difluorotetradecane	---	6.48883	1751.0607	185.452	133.57	344.05	3
14951	C14H28F2	1,5-difluorotetradecane	---	6.51221	1761.3944	185.174	134.37	343.72	3
14952	C14H28F2	1,6-difluorotetradecane	---	6.53581	1771.8252	184.896	135.17	343.38	3
14953	C14H28F2	1,7-difluorotetradecane	---	6.55964	1782.3545	184.618	135.97	343.05	3
14954	C14H28F2	1,8-difluorotetradecane	---	6.58370	1792.9838	184.340	136.77	342.72	3
14955	C14H28F2	1,9-difluorotetradecane	---	6.60800	1803.7144	184.062	137.57	342.39	3
14956	C14H28F2	1,10-difluorotetradecane	---	6.63254	1814.5480	183.784	138.37	342.07	3
14957	C14H28F2	1,11-difluorotetradecane	---	6.65733	1825.4861	183.506	139.17	341.74	3
14958	C14H28F2	1,12-difluorotetradecane	---	6.68236	1836.5302	183.228	139.97	341.42	3
14959	C14H28F2	1,13-difluorotetradecane	---	6.70765	1847.6819	182.950	140.77	341.10	3
14960	C14H28F2	1,14-difluorotetradecane	---	6.73319	1858.9429	182.672	141.57	340.77	3

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mmHg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
14961	C14H28F2	2,2-difluorotetradecane	---	6.20425	1624.9560	189.066	123.17	348.57	3
14962	C14H28F2	2,3-difluorotetradecane	---	6.22495	1634.1455	188.788	123.97	348.21	3
14963	C14H28F2	2,4-difluorotetradecane	---	6.24583	1643.4160	188.510	124.77	347.85	3
14964	C14H28F2	2,5-difluorotetradecane	---	6.26691	1652.7684	188.232	125.57	347.50	3
14965	C14H28F2	2,6-difluorotetradecane	---	6.28818	1662.2039	187.954	126.37	347.15	3
14966	C14H28F2	2,7-difluorotetradecane	---	6.30965	1671.7236	187.676	127.17	346.80	3
14967	C14H28F2	2,8-difluorotetradecane	---	6.33132	1681.3288	187.398	127.97	346.45	3
14968	C14H28F2	2,9-difluorotetradecane	---	6.35319	1691.0206	187.120	128.77	346.10	3
14969	C14H28F2	2,10-difluorotetradecane	---	6.37527	1700.8003	186.842	129.57	345.75	3
14970	C14H28F2	2,11-difluorotetradecane	---	6.39755	1710.6690	186.564	130.37	345.41	3
14971	C14H28F2	2,12-difluorotetradecane	---	6.42005	1720.6282	186.286	131.17	345.07	3
14972	C14H28F2	2,13-difluorotetradecane	---	6.44276	1730.6789	186.008	131.97	344.73	3
14973	C14H28I2	1,1-diiodotetradecane	66826-79-7	8.70755	3084.9106	142.196	258.05	416.09	2
14974	C14H28I2	1,2-diiodotetradecane	---	8.75150	3106.5482	141.918	258.85	415.85	2
14975	C14H28I2	1,3-diiodotetradecane	---	8.79600	3128.4530	141.640	259.65	415.60	2
14976	C14H28I2	1,4-diiodotetradecane	---	8.84106	3150.6298	141.362	260.45	415.36	2
14977	C14H28I2	1,5-diiodotetradecane	---	8.88670	3173.0839	141.084	261.25	415.12	2
14978	C14H28I2	1,6-diiodotetradecane	---	8.93292	3195.8206	140.806	262.05	414.89	2
14979	C14H28I2	1,7-diiodotetradecane	---	8.97973	3218.8454	140.528	262.85	414.65	2
14980	C14H28I2	1,8-diiodotetradecane	---	9.02715	3242.1638	140.250	263.65	414.41	2
14981	C14H28I2	1,9-diiodotetradecane	---	9.07519	3265.7816	139.972	264.45	414.18	2
14982	C14H28I2	1,10-diiodotetradecane	---	9.12386	3289.7047	139.694	265.25	413.94	2
14983	C14H28I2	1,11-diiodotetradecane	---	9.17317	3313.9391	139.416	266.05	413.71	2
14984	C14H28I2	1,12-diiodotetradecane	---	9.22314	3338.4911	139.138	266.85	413.47	2
14985	C14H28I2	1,13-diiodotetradecane	---	9.27377	3363.3669	138.860	267.65	413.24	2
14986	C14H28I2	1,14-diiodotetradecane	---	9.32509	3388.5732	138.582	268.45	413.01	2
14987	C14H28I2	2,2-diiodotetradecane	---	8.29622	2882.1939	144.976	250.05	418.57	2
14988	C14H28I2	2,3-diiodotetradecane	---	8.33518	2901.4135	144.698	250.85	418.32	2
14989	C14H28I2	2,4-diiodotetradecane	---	8.37460	2920.8558	144.420	251.65	418.07	2
14990	C14H28I2	2,5-diiodotetradecane	---	8.41449	2940.5249	144.142	252.45	417.82	2
14991	C14H28I2	2,6-diiodotetradecane	---	8.45486	2960.4248	143.864	253.25	417.57	2
14992	C14H28I2	2,7-diiodotetradecane	---	8.49571	2980.5596	143.586	254.05	417.32	2
14993	C14H28I2	2,8-diiodotetradecane	---	8.53705	3000.9336	143.308	254.85	417.07	2
14994	C14H28I2	2,9-diiodotetradecane	---	8.57890	3021.5512	143.030	255.65	416.82	2
14995	C14H28I2	2,10-diiodotetradecane	---	8.62126	3042.4168	142.752	256.45	416.58	2
14996	C14H28I2	2,11-diiodotetradecane	---	8.66414	3063.5350	142.474	257.25	416.33	2
14997	C14H28I2	2,12-diiodotetradecane	---	8.70755	3084.9106	142.196	258.05	416.09	2
14998	C14H28I2	2,13-diiodotetradecane	---	8.75150	3106.5482	141.918	258.85	415.85	2
14999	C14H28N2NiS4	bis(dipropylthio-carbamate)nickel complex	14516-30-4	12.09100	6586.0000	273.150	320.66	466.09	3
15000	C14H28N2NiS4	bis(diisopropylthio-carbamate)nickel	15694-55-0	13.10300	7492.0000	273.150	345.87	482.00	3
15001	C14H28O	tetradecanal	124-25-4	7.23538	2068.0278	177.390	154.27	332.79	1,2
15002	C14H28O	2-methyltridecanal	---	7.44454	2107.5989	179.587	147.45	314.84	2
15003	C14H28O	3-methyltridecanal	---	7.44454	2107.5989	179.587	147.45	314.84	2
15004	C14H28O	4-methyltridecanal	---	7.44454	2107.5989	179.587	147.45	314.84	2
15005	C14H28O	5-methyltridecanal	---	7.44454	2107.5989	179.587	147.45	314.84	2
15006	C14H28O	6-methyltridecanal	---	7.44454	2107.5989	179.587	147.45	314.84	2
15007	C14H28O	7-methyltridecanal	---	7.44454	2107.5989	179.587	147.45	314.84	2
15008	C14H28O	8-methyltridecanal	---	7.44454	2107.5989	179.587	147.45	314.84	2
15009	C14H28O	9-methyltridecanal	---	7.44454	2107.5989	179.587	147.45	314.84	2
15010	C14H28O	10-methyltridecanal	---	7.44454	2107.5989	179.587	147.45	314.84	2
15011	C14H28O	11-methyltridecanal	---	7.44454	2107.5989	179.587	147.45	314.84	2
15012	C14H28O	12-methyltridecanal	---	7.44454	2107.5989	179.587	147.45	314.84	2
15013	C14H28O	2,2-dimethyldodecanal	---	7.27763	2036.6282	180.977	143.45	316.27	2
15014	C14H28O	2,3-dimethyldodecanal	---	7.27763	2036.6282	180.977	143.45	316.27	2
15015	C14H28O	2,4-dimethyldodecanal	---	7.27763	2036.6282	180.977	143.45	316.27	2
15016	C14H28O	2,5-dimethyldodecanal	---	7.27763	2036.6282	180.977	143.45	316.27	2
15017	C14H28O	2,6-dimethyldodecanal	---	7.27763	2036.6282	180.977	143.45	316.27	2
15018	C14H28O	2,7-dimethyldodecanal	---	7.27763	2036.6282	180.977	143.45	316.27	2
15019	C14H28O	2,8-dimethyldodecanal	---	7.27763	2036.6282	180.977	143.45	316.27	2
15020	C14H28O	2,9-dimethyldodecanal	---	7.27763	2036.6282	180.977	143.45	316.27	2
15021	C14H28O	2,10-dimethyldodecanal	---	7.27763	2036.6282	180.977	143.45	316.27	2
15022	C14H28O	2,11-dimethyldodecanal	---	7.27763	2036.6282	180.977	143.45	316.27	2
15023	C14H28O	2-tetradecanone	2345-27-9	7.49950	2106.1659	178.780	145.27	309.02	2
15024	C14H28O	3-tetradecanone	629-23-2	7.56017	2132.5290	178.502	146.57	308.56	2
15025	C14H28O	4-tetradecanone	26496-20-8	7.48166	2099.5656	179.114	144.81	309.18	2
15026	C14H28O	5-tetradecanone	31857-89-3	7.48166	2099.5656	179.114	144.81	309.18	2
15027	C14H28O	6-tetradecanone	6836-42-6	7.48166	2099.5656	179.114	144.81	309.18	2
15028	C14H28O	7-tetradecanone	---	7.48166	2099.5656	179.114	144.81	309.18	2
15029	C14H28O	3-methyl-2-tridecanone	---	7.21939	1989.2847	181.282	138.57	311.41	2
15030	C14H28O	4-methyl-2-tridecanone	---	7.21939	1989.2847	181.282	138.57	311.41	2
15031	C14H28O	5-methyl-2-tridecanone	---	7.21939	1989.2847	181.282	138.57	311.41	2
15032	C14H28O	6-methyl-2-tridecanone	---	7.21939	1989.2847	181.282	138.57	311.41	2
15033	C14H28O	7-methyl-2-tridecanone	---	7.21939	1989.2847	181.282	138.57	311.41	2
15034	C14H28O	8-methyl-2-tridecanone	---	7.21939	1989.2847	181.282	138.57	311.41	2
15035	C14H28O	9-methyl-2-tridecanone	---	7.21939	1989.2847	181.282	138.57	311.41	2
15036	C14H28O	10-methyl-2-tridecanone	---	7.21939	1989.2847	181.282	138.57	311.41	2
15037	C14H28O	2-methyl-3-tridecanone	40239-35-8	7.13403	1952.5116	181.838	136.47	312.20	2
15038	C14H28O	4-methyl-3-tridecanone	---	7.21939	1989.2847	181.282	138.57	311.41	2
15039	C14H28O	5-methyl-3-tridecanone	---	7.21939	1989.2847	181.282	138.57	311.41	2
15040	C14H28O	6-methyl-3-tridecanone	---	7.21939	1989.2847	181.282	138.57	311.41	2

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mmHg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
15041	C14H28O	7-methyl-3-tridecanone	---	7.21939	1989.2847	181.282	138.57	311.41	2
15042	C14H28O	8-methyl-3-tridecanone	---	7.21939	1989.2847	181.282	138.57	311.41	2
15043	C14H28O	9-methyl-3-tridecanone	---	7.21939	1989.2847	181.282	138.57	311.41	2
15044	C14H28O	10-methyl-3-tridecanone	---	7.21939	1989.2847	181.282	138.57	311.41	2
15045	C14H28O	2-methyl-4-tridecanone	---	7.21939	1989.2847	181.282	138.57	311.41	2
15046	C14H28O	3-methyl-4-tridecanone	---	7.21939	1989.2847	181.282	138.57	311.41	2
15047	C14H28O	5-methyl-4-tridecanone	---	7.21939	1989.2847	181.282	138.57	311.41	2
15048	C14H28O	6-methyl-4-tridecanone	---	7.21939	1989.2847	181.282	138.57	311.41	2
15049	C14H28O	7-methyl-4-tridecanone	---	7.21939	1989.2847	181.282	138.57	311.41	2
15050	C14H28O	8-methyl-4-tridecanone	---	7.21939	1989.2847	181.282	138.57	311.41	2
15051	C14H28O	9-methyl-4-tridecanone	---	7.21939	1989.2847	181.282	138.57	311.41	2
15052	C14H28O	10-methyl-4-tridecanone	---	7.21939	1989.2847	181.282	138.57	311.41	2
15053	C14H28O	2-methyl-5-tridecanone	---	7.21939	1989.2847	181.282	138.57	311.41	2
15054	C14H28O	3-methyl-5-tridecanone	---	7.21939	1989.2847	181.282	138.57	311.41	2
15055	C14H28O	4-methyl-5-tridecanone	---	7.21939	1989.2847	181.282	138.57	311.41	2
15056	C14H28O	6-methyl-5-tridecanone	---	7.21939	1989.2847	181.282	138.57	311.41	2
15057	C14H28O	7-methyl-5-tridecanone	---	7.21939	1989.2847	181.282	138.57	311.41	2
15058	C14H28O	8-methyl-5-tridecanone	---	7.21939	1989.2847	181.282	138.57	311.41	2
15059	C14H28O	9-methyl-5-tridecanone	---	7.21939	1989.2847	181.282	138.57	311.41	2
15060	C14H28O	10-methyl-5-tridecanone	---	7.21939	1989.2847	181.282	138.57	311.41	2
15061	C14H28O	7-ethyl-2-methyl-4-undecanone	6976-00-7	7.46001	2007.3786	185.869	124.87	283.35	1,2
15062	C14H28O	dodecyl vinyl ether	765-14-0	6.77404	1761.4853	190.220	114.85	300.14	2
15063	C14H28O	2-tetradecen-1-ol	---	7.20158	2117.9150	172.942	168.57	353.94	2
15064	C14H28O	3-tetradecen-1-ol	---	7.20158	2117.9150	172.942	168.57	353.94	2
15065	C14H28O	4-tetradecen-1-ol	---	7.20158	2117.9150	172.942	168.57	353.94	2
15066	C14H28O	5-tetradecen-1-ol	---	7.20158	2117.9150	172.942	168.57	353.94	2
15067	C14H28O	6-tetradecen-1-ol	---	7.20158	2117.9150	172.942	168.57	353.94	2
15068	C14H28O	7-tetradecen-1-ol	---	7.20158	2117.9150	172.942	168.57	353.94	2
15069	C14H28O	8-tetradecen-1-ol	---	7.20158	2117.9150	172.942	168.57	353.94	2
15070	C14H28O	9-tetradecen-1-ol	---	7.20158	2117.9150	172.942	168.57	353.94	2
15071	C14H28O	cis-9-tetradecen-1-ol	35153-15-2	7.20158	2117.9150	172.942	168.57	353.94	2
15072	C14H28O	10-tetradecen-1-ol	---	7.20158	2117.9150	172.942	168.57	353.94	2
15073	C14H28O	11-tetradecen-1-ol	---	7.20158	2117.9150	172.942	168.57	353.94	2
15074	C14H28O	12-tetradecen-1-ol	---	7.20158	2117.9150	172.942	168.57	353.94	2
15075	C14H28O	13-tetradecen-1-ol	---	7.20158	2117.9150	172.942	168.57	353.94	2
15076	C14H28O	1-methyl-2-tridecen-1-ol	---	6.91826	1990.2659	175.722	160.57	356.94	2
15077	C14H28O	2-methyl-2-tridecen-1-ol	---	6.91826	1990.2659	175.722	160.57	356.94	2
15078	C14H28O	3-methyl-2-tridecen-1-ol	---	6.91826	1990.2659	175.722	160.57	356.94	2
15079	C14H28O	4-methyl-2-tridecen-1-ol	---	6.91826	1990.2659	175.722	160.57	356.94	2
15080	C14H28O	5-methyl-2-tridecen-1-ol	---	6.91826	1990.2659	175.722	160.57	356.94	2
15081	C14H28O	6-methyl-2-tridecen-1-ol	---	6.91826	1990.2659	175.722	160.57	356.94	2
15082	C14H28O	7-methyl-2-tridecen-1-ol	---	6.91826	1990.2659	175.722	160.57	356.94	2
15083	C14H28O	8-methyl-2-tridecen-1-ol	---	6.91826	1990.2659	175.722	160.57	356.94	2
15084	C14H28O	9-methyl-2-tridecen-1-ol	---	6.91826	1990.2659	175.722	160.57	356.94	2
15085	C14H28O	10-methyl-2-tridecen-1-ol	---	6.91826	1990.2659	175.722	160.57	356.94	2
15086	C14H28O	11-methyl-2-tridecen-1-ol	---	6.91826	1990.2659	175.722	160.57	356.94	2
15087	C14H28O	12-methyl-2-tridecen-1-ol	---	6.91826	1990.2659	175.722	160.57	356.94	2
15088	C14H28O	1-methyl-3-tridecen-1-ol	---	6.91826	1990.2659	175.722	160.57	356.94	2
15089	C14H28O	2-methyl-3-tridecen-1-ol	---	6.91826	1990.2659	175.722	160.57	356.94	2
15090	C14H28O	3-methyl-3-tridecen-1-ol	---	6.91826	1990.2659	175.722	160.57	356.94	2
15091	C14H28O	4-methyl-3-tridecen-1-ol	---	6.91826	1990.2659	175.722	160.57	356.94	2
15092	C14H28O	5-methyl-3-tridecen-1-ol	---	6.91826	1990.2659	175.722	160.57	356.94	2
15093	C14H28O	6-methyl-3-tridecen-1-ol	---	6.91826	1990.2659	175.722	160.57	356.94	2
15094	C14H28O	7-methyl-3-tridecen-1-ol	---	6.91826	1990.2659	175.722	160.57	356.94	2
15095	C14H28O	8-methyl-3-tridecen-1-ol	---	6.91826	1990.2659	175.722	160.57	356.94	2
15096	C14H28O	9-methyl-3-tridecen-1-ol	---	6.91826	1990.2659	175.722	160.57	356.94	2
15097	C14H28O	10-methyl-3-tridecen-1-ol	---	6.91826	1990.2659	175.722	160.57	356.94	2
15098	C14H28O	11-methyl-3-tridecen-1-ol	---	6.91826	1990.2659	175.722	160.57	356.94	2
15099	C14H28O	12-methyl-3-tridecen-1-ol	---	6.91826	1990.2659	175.722	160.57	356.94	2
15100	C14H28O	1-methyl-4-tridecen-1-ol	---	6.91826	1990.2659	175.722	160.57	356.94	2
15101	C14H28O	2-methyl-4-tridecen-1-ol	---	6.91826	1990.2659	175.722	160.57	356.94	2
15102	C14H28O	3-methyl-4-tridecen-1-ol	---	6.91826	1990.2659	175.722	160.57	356.94	2
15103	C14H28O	4-methyl-4-tridecen-1-ol	---	6.91826	1990.2659	175.722	160.57	356.94	2
15104	C14H28O	5-methyl-4-tridecen-1-ol	---	6.91826	1990.2659	175.722	160.57	356.94	2
15105	C14H28O	6-methyl-4-tridecen-1-ol	---	6.91826	1990.2659	175.722	160.57	356.94	2
15106	C14H28O	7-methyl-4-tridecen-1-ol	---	6.91826	1990.2659	175.722	160.57	356.94	2
15107	C14H28O	8-methyl-4-tridecen-1-ol	---	6.91826	1990.2659	175.722	160.57	356.94	2
15108	C14H28O	9-methyl-4-tridecen-1-ol	---	6.91826	1990.2659	175.722	160.57	356.94	2
15109	C14H28O	10-methyl-4-tridecen-1-ol	---	6.91826	1990.2659	175.722	160.57	356.94	2
15110	C14H28O	11-methyl-4-tridecen-1-ol	---	6.91826	1990.2659	175.722	160.57	356.94	2
15111	C14H28O	12-methyl-4-tridecen-1-ol	---	6.91826	1990.2659	175.722	160.57	356.94	2
15112	C14H28O	1-methyl-5-tridecen-1-ol	---	6.91826	1990.2659	175.722	160.57	356.94	2
15113	C14H28O	2-methyl-5-tridecen-1-ol	---	6.91826	1990.2659	175.722	160.57	356.94	2
15114	C14H28O	3-methyl-5-tridecen-1-ol	---	6.91826	1990.2659	175.722	160.57	356.94	2
15115	C14H28O	4-methyl-5-tridecen-1-ol	---	6.91826	1990.2659	175.722	160.57	356.94	2
15116	C14H28O	5-methyl-5-tridecen-1-ol	---	6.91826	1990.2659	175.722	160.57	356.94	2
15117	C14H28O	6-methyl-5-tridecen-1-ol	---	6.91826	1990.2659	175.722	160.57	356.94	2
15118	C14H28O	7-methyl-5-tridecen-1-ol	---	6.91826	1990.2659	175.722	160.57	356.94	2
15119	C14H28O	8-methyl-5-tridecen-1-ol	---	6.91826	1990.2659	175.722	160.57	356.94	2
15120	C14H28O	9-methyl-5-tridecen-1-ol	---	6.91826	1990.2659	175.722	160.57	356.94	2

Table 1 Vapor Pressure – Organic Compounds

log ₁₀ P = A - B/(T + C) (P - mmHg, T - C)									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
15121	C14H28O	10-methyl-5-tridecen-1-ol	---	6.91826	1990.2659	175.722	160.57	356.94	2
15122	C14H28O	11-methyl-5-tridecen-1-ol	---	6.91826	1990.2659	175.722	160.57	356.94	2
15123	C14H28O	12-methyl-5-tridecen-1-ol	---	6.91826	1990.2659	175.722	160.57	356.94	2
15124	C14H28O	1-methyl-6-tridecen-1-ol	---	6.91826	1990.2659	175.722	160.57	356.94	2
15125	C14H28O	2-methyl-6-tridecen-1-ol	---	6.91826	1990.2659	175.722	160.57	356.94	2
15126	C14H28O	3-methyl-6-tridecen-1-ol	---	6.91826	1990.2659	175.722	160.57	356.94	2
15127	C14H28O	4-methyl-6-tridecen-1-ol	---	6.91826	1990.2659	175.722	160.57	356.94	2
15128	C14H28O	5-methyl-6-tridecen-1-ol	---	6.91826	1990.2659	175.722	160.57	356.94	2
15129	C14H28O	6-methyl-6-tridecen-1-ol	---	6.91826	1990.2659	175.722	160.57	356.94	2
15130	C14H28O	7-methyl-6-tridecen-1-ol	---	6.91826	1990.2659	175.722	160.57	356.94	2
15131	C14H28O	8-methyl-6-tridecen-1-ol	---	6.91826	1990.2659	175.722	160.57	356.94	2
15132	C14H28O	9-methyl-6-tridecen-1-ol	---	6.91826	1990.2659	175.722	160.57	356.94	2
15133	C14H28O	10-methyl-6-tridecen-1-ol	---	6.91826	1990.2659	175.722	160.57	356.94	2
15134	C14H28O	11-methyl-6-tridecen-1-ol	---	6.91826	1990.2659	175.722	160.57	356.94	2
15135	C14H28O	12-methyl-6-tridecen-1-ol	---	6.91826	1990.2659	175.722	160.57	356.94	2
15136	C14H28O	1-methyl-7-tridecen-1-ol	---	6.91826	1990.2659	175.722	160.57	356.94	2
15137	C14H28O	2-methyl-7-tridecen-1-ol	---	6.91826	1990.2659	175.722	160.57	356.94	2
15138	C14H28O	3-methyl-7-tridecen-1-ol	---	6.91826	1990.2659	175.722	160.57	356.94	2
15139	C14H28O	4-methyl-7-tridecen-1-ol	---	6.91826	1990.2659	175.722	160.57	356.94	2
15140	C14H28O	5-methyl-7-tridecen-1-ol	---	6.91826	1990.2659	175.722	160.57	356.94	2
15141	C14H28O	6-methyl-7-tridecen-1-ol	---	6.91826	1990.2659	175.722	160.57	356.94	2
15142	C14H28O	7-methyl-7-tridecen-1-ol	---	6.91826	1990.2659	175.722	160.57	356.94	2
15143	C14H28O	8-methyl-7-tridecen-1-ol	---	6.91826	1990.2659	175.722	160.57	356.94	2
15144	C14H28O	9-methyl-7-tridecen-1-ol	---	6.91826	1990.2659	175.722	160.57	356.94	2
15145	C14H28O	10-methyl-7-tridecen-1-ol	---	6.91826	1990.2659	175.722	160.57	356.94	2
15146	C14H28O	11-methyl-7-tridecen-1-ol	---	6.91826	1990.2659	175.722	160.57	356.94	2
15147	C14H28O	12-methyl-7-tridecen-1-ol	---	6.91826	1990.2659	175.722	160.57	356.94	2
15148	C14H28O	1-methyl-8-tridecen-1-ol	---	6.91826	1990.2659	175.722	160.57	356.94	2
15149	C14H28O	2-methyl-8-tridecen-1-ol	---	6.91826	1990.2659	175.722	160.57	356.94	2
15150	C14H28O	3-methyl-8-tridecen-1-ol	---	6.91826	1990.2659	175.722	160.57	356.94	2
15151	C14H28O	4-methyl-8-tridecen-1-ol	---	6.91826	1990.2659	175.722	160.57	356.94	2
15152	C14H28O	5-methyl-8-tridecen-1-ol	---	6.91826	1990.2659	175.722	160.57	356.94	2
15153	C14H28O	6-methyl-8-tridecen-1-ol	---	6.91826	1990.2659	175.722	160.57	356.94	2
15154	C14H28O	7-methyl-8-tridecen-1-ol	---	6.91826	1990.2659	175.722	160.57	356.94	2
15155	C14H28O	8-methyl-8-tridecen-1-ol	---	6.91826	1990.2659	175.722	160.57	356.94	2
15156	C14H28O	9-methyl-8-tridecen-1-ol	---	6.91826	1990.2659	175.722	160.57	356.94	2
15157	C14H28O	10-methyl-8-tridecen-1-ol	---	6.91826	1990.2659	175.722	160.57	356.94	2
15158	C14H28O	11-methyl-8-tridecen-1-ol	---	6.91826	1990.2659	175.722	160.57	356.94	2
15159	C14H28O	12-methyl-8-tridecen-1-ol	---	6.91826	1990.2659	175.722	160.57	356.94	2
15160	C14H28O	1-methyl-9-tridecen-1-ol	---	6.91826	1990.2659	175.722	160.57	356.94	2
15161	C14H28O	2-methyl-9-tridecen-1-ol	---	6.91826	1990.2659	175.722	160.57	356.94	2
15162	C14H28O	3-methyl-9-tridecen-1-ol	---	6.91826	1990.2659	175.722	160.57	356.94	2
15163	C14H28O	4-methyl-9-tridecen-1-ol	---	6.91826	1990.2659	175.722	160.57	356.94	2
15164	C14H28O	5-methyl-9-tridecen-1-ol	---	6.91826	1990.2659	175.722	160.57	356.94	2
15165	C14H28O	6-methyl-9-tridecen-1-ol	---	6.91826	1990.2659	175.722	160.57	356.94	2
15166	C14H28O	7-methyl-9-tridecen-1-ol	---	6.91826	1990.2659	175.722	160.57	356.94	2
15167	C14H28O	8-methyl-9-tridecen-1-ol	---	6.91826	1990.2659	175.722	160.57	356.94	2
15168	C14H28O	9-methyl-9-tridecen-1-ol	---	6.91826	1990.2659	175.722	160.57	356.94	2
15169	C14H28O	10-methyl-9-tridecen-1-ol	---	6.91826	1990.2659	175.722	160.57	356.94	2
15170	C14H28O	11-methyl-9-tridecen-1-ol	---	6.91826	1990.2659	175.722	160.57	356.94	2
15171	C14H28O	12-methyl-9-tridecen-1-ol	---	6.91826	1990.2659	175.722	160.57	356.94	2
15172	C14H28O	1-methyl-10-tridecen-1-ol	---	6.91826	1990.2659	175.722	160.57	356.94	2
15173	C14H28O	2-methyl-10-tridecen-1-ol	---	6.91826	1990.2659	175.722	160.57	356.94	2
15174	C14H28O	3-methyl-10-tridecen-1-ol	---	6.91826	1990.2659	175.722	160.57	356.94	2
15175	C14H28O	4-methyl-10-tridecen-1-ol	---	6.91826	1990.2659	175.722	160.57	356.94	2
15176	C14H28O	5-methyl-10-tridecen-1-ol	---	6.91826	1990.2659	175.722	160.57	356.94	2
15177	C14H28O	6-methyl-10-tridecen-1-ol	---	6.91826	1990.2659	175.722	160.57	356.94	2
15178	C14H28O	7-methyl-10-tridecen-1-ol	---	6.91826	1990.2659	175.722	160.57	356.94	2
15179	C14H28O	8-methyl-10-tridecen-1-ol	---	6.91826	1990.2659	175.722	160.57	356.94	2
15180	C14H28O	9-methyl-10-tridecen-1-ol	---	6.91826	1990.2659	175.722	160.57	356.94	2
15181	C14H28O	10-methyl-10-tridecen-1-ol	---	6.91826	1990.2659	175.722	160.57	356.94	2
15182	C14H28O	11-methyl-10-tridecen-1-ol	---	6.91826	1990.2659	175.722	160.57	356.94	2
15183	C14H28O	12-methyl-10-tridecen-1-ol	---	6.91826	1990.2659	175.722	160.57	356.94	2
15184	C14H28O2	tetradecanoic acid	544-63-8	7.71312	2374.5031	165.381	188.33	358.64	1,2
15185	C14H28O2	2-methyltridecanoic acid	24323-31-7	7.74499	2370.9887	166.548	184.97	353.05	2
15186	C14H28O2	3-methyltridecanoic acid	---	7.74499	2370.9887	166.548	184.97	353.05	2
15187	C14H28O2	4-methyltridecanoic acid	---	7.74499	2370.9887	166.548	184.97	353.05	2
15188	C14H28O2	5-methyltridecanoic acid	---	7.74499	2370.9887	166.548	184.97	353.05	2
15189	C14H28O2	6-methyltridecanoic acid	---	7.74499	2370.9887	166.548	184.97	353.05	2
15190	C14H28O2	7-methyltridecanoic acid	---	7.74499	2370.9887	166.548	184.97	353.05	2
15191	C14H28O2	8-methyltridecanoic acid	---	7.74499	2370.9887	166.548	184.97	353.05	2
15192	C14H28O2	9-methyltridecanoic acid	---	7.74499	2370.9887	166.548	184.97	353.05	2
15193	C14H28O2	10-methyltridecanoic acid	---	7.74499	2370.9887	166.548	184.97	353.05	2
15194	C14H28O2	11-methyltridecanoic acid	---	7.74499	2370.9887	166.548	184.97	353.05	2
15195	C14H28O2	12-methyltridecanoic acid	2724-57-4	7.74499	2370.9887	166.548	184.97	353.05	2
15196	C14H28O2	2,2-dimethyldodecanoic acid	---	7.47107	2247.6759	168.772	178.57	355.26	2
15197	C14H28O2	2,3-dimethyldodecanoic acid	---	7.47107	2247.6759	168.772	178.57	355.26	2
15198	C14H28O2	2,4-dimethyldodecanoic acid	---	7.47107	2247.6759	168.772	178.57	355.26	2
15199	C14H28O2	2,5-dimethyldodecanoic acid	---	7.47107	2247.6759	168.772	178.57	355.26	2
15200	C14H28O2	2,6-dimethyldodecanoic acid	---	7.47107	2247.6759	168.772	178.57	355.26	2

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mmHg}, T - C)$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
15201	C14H28O2	2,7-dimethyldodecanoic acid	---	7.47107	2247.6759	168.772	178.57	355.26	2
15202	C14H28O2	2,8-dimethyldodecanoic acid	---	7.47107	2247.6759	168.772	178.57	355.26	2
15203	C14H28O2	2,9-dimethyldodecanoic acid	---	7.47107	2247.6759	168.772	178.57	355.26	2
15204	C14H28O2	2,10-dimethyldodecanoic acid	---	7.47107	2247.6759	168.772	178.57	355.26	2
15205	C14H28O2	2,11-dimethyldodecanoic acid	---	7.47107	2247.6759	168.772	178.57	355.26	2
15206	C14H28O2	2-ethyldodecanoic acid	53593-84-3	7.47107	2247.6759	168.772	178.57	355.26	2
15207	C14H28O2	3-ethyldodecanoic acid	---	7.47107	2247.6759	168.772	178.57	355.26	2
15208	C14H28O2	4-ethyldodecanoic acid	---	7.47107	2247.6759	168.772	178.57	355.26	2
15209	C14H28O2	5-ethyldodecanoic acid	---	7.47107	2247.6759	168.772	178.57	355.26	2
15210	C14H28O2	6-ethyldodecanoic acid	---	7.47107	2247.6759	168.772	178.57	355.26	2
15211	C14H28O2	7-ethyldodecanoic acid	---	7.47107	2247.6759	168.772	178.57	355.26	2
15212	C14H28O2	8-ethyldodecanoic acid	---	7.47107	2247.6759	168.772	178.57	355.26	2
15213	C14H28O2	9-ethyldodecanoic acid	---	7.47107	2247.6759	168.772	178.57	355.26	2
15214	C14H28O2	10-ethyldodecanoic acid	---	7.47107	2247.6759	168.772	178.57	355.26	2
15215	C14H28O2	tridecyl formate	42875-41-2	9.48406	2907.7608	170.162	172.57	291.22	2
15216	C14H28O2	1-methyldodecyl formate	---	8.89096	2663.2956	172.942	164.57	293.56	2
15217	C14H28O2	2-methyldodecyl formate	---	8.89096	2663.2956	172.942	164.57	293.56	2
15218	C14H28O2	3-methyldodecyl formate	---	8.89096	2663.2956	172.942	164.57	293.56	2
15219	C14H28O2	4-methyldodecyl formate	---	8.89096	2663.2956	172.942	164.57	293.56	2
15220	C14H28O2	5-methyldodecyl formate	---	8.89096	2663.2956	172.942	164.57	293.56	2
15221	C14H28O2	6-methyldodecyl formate	---	8.89096	2663.2956	172.942	164.57	293.56	2
15222	C14H28O2	7-methyldodecyl formate	---	8.89096	2663.2956	172.942	164.57	293.56	2
15223	C14H28O2	8-methyldodecyl formate	---	8.89096	2663.2956	172.942	164.57	293.56	2
15224	C14H28O2	9-methyldodecyl formate	---	8.89096	2663.2956	172.942	164.57	293.56	2
15225	C14H28O2	10-methyldodecyl formate	---	8.89096	2663.2956	172.942	164.57	293.56	2
15226	C14H28O2	11-methyldodecyl formate	---	8.89096	2663.2956	172.942	164.57	293.56	2
15227	C14H28O2	1,1-dimethylnundecyl formate	---	8.38138	2452.7752	175.722	156.57	296.01	2
15228	C14H28O2	1,2-dimethylnundecyl formate	---	8.38138	2452.7752	175.722	156.57	296.01	2
15229	C14H28O2	1,3-dimethylnundecyl formate	---	8.38138	2452.7752	175.722	156.57	296.01	2
15230	C14H28O2	1,4-dimethylnundecyl formate	---	8.38138	2452.7752	175.722	156.57	296.01	2
15231	C14H28O2	1,5-dimethylnundecyl formate	---	8.38138	2452.7752	175.722	156.57	296.01	2
15232	C14H28O2	1,6-dimethylnundecyl formate	---	8.38138	2452.7752	175.722	156.57	296.01	2
15233	C14H28O2	1,7-dimethylnundecyl formate	---	8.38138	2452.7752	175.722	156.57	296.01	2
15234	C14H28O2	1,8-dimethylnundecyl formate	---	8.38138	2452.7752	175.722	156.57	296.01	2
15235	C14H28O2	1,9-dimethylnundecyl formate	---	8.38138	2452.7752	175.722	156.57	296.01	2
15236	C14H28O2	1,10-dimethylnundecyl formate	---	8.38138	2452.7752	175.722	156.57	296.01	2
15237	C14H28O2	1-ethylnundecyl formate	---	8.57635	2533.3822	174.610	159.77	295.01	2
15238	C14H28O2	2-ethylnundecyl formate	94021-82-6	8.57635	2533.3822	174.610	159.77	295.01	2
15239	C14H28O2	3-ethylnundecyl formate	---	8.57635	2533.3822	174.610	159.77	295.01	2
15240	C14H28O2	4-ethylnundecyl formate	---	8.57635	2533.3822	174.610	159.77	295.01	2
15241	C14H28O2	5-ethylnundecyl formate	---	8.57635	2533.3822	174.610	159.77	295.01	2
15242	C14H28O2	6-ethylnundecyl formate	---	8.57635	2533.3822	174.610	159.77	295.01	2
15243	C14H28O2	7-ethylnundecyl formate	---	8.57635	2533.3822	174.610	159.77	295.01	2
15244	C14H28O2	8-ethylnundecyl formate	---	8.57635	2533.3822	174.610	159.77	295.01	2
15245	C14H28O2	9-ethylnundecyl formate	---	8.57635	2533.3822	174.610	159.77	295.01	2
15246	C14H28O2	10-ethylnundecyl formate	---	8.57635	2533.3822	174.610	159.77	295.01	2
15247	C14H28O2	dodecyl acetate	112-66-3	8.77084	2611.7023	173.220	162.87	294.07	2
15248	C14H28O2	1-methylnundecyl acetate	---	8.33434	2433.3161	176.000	155.77	296.26	2
15249	C14H28O2	2-methylnundecyl acetate	---	8.33434	2433.3161	176.000	155.77	296.26	2
15250	C14H28O2	3-methylnundecyl acetate	---	8.33434	2433.3161	176.000	155.77	296.26	2
15251	C14H28O2	4-methylnundecyl acetate	---	8.33434	2433.3161	176.000	155.77	296.26	2
15252	C14H28O2	5-methylnundecyl acetate	---	8.33434	2433.3161	176.000	155.77	296.26	2
15253	C14H28O2	6-methylnundecyl acetate	---	8.33434	2433.3161	176.000	155.77	296.26	2
15254	C14H28O2	7-methylnundecyl acetate	---	8.33434	2433.3161	176.000	155.77	296.26	2
15255	C14H28O2	8-methylnundecyl acetate	---	8.33434	2433.3161	176.000	155.77	296.26	2
15256	C14H28O2	9-methylnundecyl acetate	---	8.33434	2433.3161	176.000	155.77	296.26	2
15257	C14H28O2	10-methylnundecyl acetate	---	8.33434	2433.3161	176.000	155.77	296.26	2
15258	C14H28O2	1,1-dimethyldodecyl acetate	---	7.89776	2252.4669	178.780	147.77	298.85	2
15259	C14H28O2	1,2-dimethyldodecyl acetate	---	7.89776	2252.4669	178.780	147.77	298.85	2
15260	C14H28O2	1,3-dimethyldodecyl acetate	---	7.89776	2252.4669	178.780	147.77	298.85	2
15261	C14H28O2	1,4-dimethyldodecyl acetate	---	7.89776	2252.4669	178.780	147.77	298.85	2
15262	C14H28O2	1,5-dimethyldodecyl acetate	---	7.89776	2252.4669	178.780	147.77	298.85	2
15263	C14H28O2	1,6-dimethyldodecyl acetate	---	7.89776	2252.4669	178.780	147.77	298.85	2
15264	C14H28O2	1,7-dimethyldodecyl acetate	---	7.89776	2252.4669	178.780	147.77	298.85	2
15265	C14H28O2	1,8-dimethyldodecyl acetate	---	7.89776	2252.4669	178.780	147.77	298.85	2
15266	C14H28O2	1,9-dimethyldodecyl acetate	---	7.89776	2252.4669	178.780	147.77	298.85	2
15267	C14H28O2	1-ethyldodecyl acetate	---	8.06536	2321.9490	177.668	150.97	297.80	2
15268	C14H28O2	2-ethyldodecyl acetate	---	8.06536	2321.9490	177.668	150.97	297.80	2
15269	C14H28O2	3-ethyldodecyl acetate	---	8.06536	2321.9490	177.668	150.97	297.80	2
15270	C14H28O2	4-ethyldodecyl acetate	---	8.06536	2321.9490	177.668	150.97	297.80	2
15271	C14H28O2	5-ethyldodecyl acetate	---	8.06536	2321.9490	177.668	150.97	297.80	2
15272	C14H28O2	6-ethyldodecyl acetate	---	8.06536	2321.9490	177.668	150.97	297.80	2
15273	C14H28O2	7-ethyldodecyl acetate	---	8.06536	2321.9490	177.668	150.97	297.80	2
15274	C14H28O2	8-ethyldodecyl acetate	---	8.06536	2321.9490	177.668	150.97	297.80	2
15275	C14H28O2	9-ethyldodecyl acetate	---	8.06536	2321.9490	177.668	150.97	297.80	2
15276	C14H28O2	undecyl propanoate	5458-33-3	8.27661	2405.3072	175.583	154.97	296.53	2
15277	C14H28O2	1-methyldodecyl propanoate	---	7.84662	2227.4321	178.363	146.97	299.14	2
15278	C14H28O2	2-methyldodecyl propanoate	---	7.84662	2227.4321	178.363	146.97	299.14	2
15279	C14H28O2	3-methyldodecyl propanoate	---	7.84662	2227.4321	178.363	146.97	299.14	2
15280	C14H28O2	4-methyldodecyl propanoate	---	7.84662	2227.4321	178.363	146.97	299.14	2

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mmHg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
15281	C14H28O2	5-methyldecyl propanoate	---	7.84662	2227.4321	178.363	146.97	299.14	2
15282	C14H28O2	6-methyldecyl propanoate	---	7.84662	2227.4321	178.363	146.97	299.14	2
15283	C14H28O2	7-methyldecyl propanoate	---	7.84662	2227.4321	178.363	146.97	299.14	2
15284	C14H28O2	8-methyldecyl propanoate	---	7.84662	2227.4321	178.363	146.97	299.14	2
15285	C14H28O2	9-methyldecyl propanoate	---	7.84662	2227.4321	178.363	146.97	299.14	2
15286	C14H28O2	1,1-dimethylnonyl propanoate	---	7.46905	2070.8297	181.143	138.97	301.88	2
15287	C14H28O2	1,2-dimethylnonyl propanoate	---	7.46905	2070.8297	181.143	138.97	301.88	2
15288	C14H28O2	1,3-dimethylnonyl propanoate	---	7.46905	2070.8297	181.143	138.97	301.88	2
15289	C14H28O2	1,4-dimethylnonyl propanoate	---	7.46905	2070.8297	181.143	138.97	301.88	2
15290	C14H28O2	1,5-dimethylnonyl propanoate	---	7.46905	2070.8297	181.143	138.97	301.88	2
15291	C14H28O2	1,6-dimethylnonyl propanoate	---	7.46905	2070.8297	181.143	138.97	301.88	2
15292	C14H28O2	1,7-dimethylnonyl propanoate	---	7.46905	2070.8297	181.143	138.97	301.88	2
15293	C14H28O2	1,8-dimethylnonyl propanoate	---	7.46905	2070.8297	181.143	138.97	301.88	2
15294	C14H28O2	1-ethylnonyl propanoate	---	7.61442	2131.1732	180.031	142.17	300.77	2
15295	C14H28O2	2-ethylnonyl propanoate	---	7.61442	2131.1732	180.031	142.17	300.77	2
15296	C14H28O2	3-ethylnonyl propanoate	---	7.61442	2131.1732	180.031	142.17	300.77	2
15297	C14H28O2	4-ethylnonyl propanoate	---	7.61442	2131.1732	180.031	142.17	300.77	2
15298	C14H28O2	5-ethylnonyl propanoate	---	7.61442	2131.1732	180.031	142.17	300.77	2
15299	C14H28O2	6-ethylnonyl propanoate	---	7.61442	2131.1732	180.031	142.17	300.77	2
15300	C14H28O2	7-ethylnonyl propanoate	---	7.61442	2131.1732	180.031	142.17	300.77	2
15301	C14H28O2	8-ethylnonyl propanoate	---	7.61442	2131.1732	180.031	142.17	300.77	2
15302	C14H28O2	decyl butanoate	5454-09-1	7.89194	2244.2793	177.668	147.97	298.81	2
15303	C14H28O2	1-methylnonyl butanoate	---	7.55906	2108.2021	180.448	140.97	301.18	2
15304	C14H28O2	2-methylnonyl butanoate	---	7.55906	2108.2021	180.448	140.97	301.18	2
15305	C14H28O2	3-methylnonyl butanoate	---	7.55906	2108.2021	180.448	140.97	301.18	2
15306	C14H28O2	4-methylnonyl butanoate	---	7.55906	2108.2021	180.448	140.97	301.18	2
15307	C14H28O2	5-methylnonyl butanoate	---	7.55906	2108.2021	180.448	140.97	301.18	2
15308	C14H28O2	6-methylnonyl butanoate	---	7.55906	2108.2021	180.448	140.97	301.18	2
15309	C14H28O2	7-methylnonyl butanoate	---	7.55906	2108.2021	180.448	140.97	301.18	2
15310	C14H28O2	8-methylnonyl butanoate	---	7.55906	2108.2021	180.448	140.97	301.18	2
15311	C14H28O2	1,1-dimethyloctyl butanoate	---	7.21477	1965.0999	183.228	132.97	304.04	2
15312	C14H28O2	1,2-dimethyloctyl butanoate	---	7.21477	1965.0999	183.228	132.97	304.04	2
15313	C14H28O2	1,3-dimethyloctyl butanoate	---	7.21477	1965.0999	183.228	132.97	304.04	2
15314	C14H28O2	1,4-dimethyloctyl butanoate	---	7.21477	1965.0999	183.228	132.97	304.04	2
15315	C14H28O2	1,5-dimethyloctyl butanoate	---	7.21477	1965.0999	183.228	132.97	304.04	2
15316	C14H28O2	1,6-dimethyloctyl butanoate	---	7.21477	1965.0999	183.228	132.97	304.04	2
15317	C14H28O2	1,7-dimethyloctyl butanoate	---	7.21477	1965.0999	183.228	132.97	304.04	2
15318	C14H28O2	1-ethyloctyl butanoate	---	7.34755	2020.3395	182.116	136.17	302.88	2
15319	C14H28O2	2-ethyloctyl butanoate	---	7.34755	2020.3395	182.116	136.17	302.88	2
15320	C14H28O2	3-ethyloctyl butanoate	---	7.34755	2020.3395	182.116	136.17	302.88	2
15321	C14H28O2	4-ethyloctyl butanoate	---	7.34755	2020.3395	182.116	136.17	302.88	2
15322	C14H28O2	5-ethyloctyl butanoate	---	7.34755	2020.3395	182.116	136.17	302.88	2
15323	C14H28O2	6-ethyloctyl butanoate	---	7.34755	2020.3395	182.116	136.17	302.88	2
15324	C14H28O2	7-ethyloctyl butanoate	---	7.34755	2020.3395	182.116	136.17	302.88	2
15325	C14H28O2	decyl isobutanoate	5454-22-8	7.31377	2006.2899	182.394	135.37	303.16	2
15326	C14H28O2	1-methylnonyl isobutanoate	---	7.21477	1965.0999	183.228	132.97	304.04	2
15327	C14H28O2	2-methylnonyl isobutanoate	---	7.21477	1965.0999	183.228	132.97	304.04	2
15328	C14H28O2	3-methylnonyl isobutanoate	---	7.21477	1965.0999	183.228	132.97	304.04	2
15329	C14H28O2	4-methylnonyl isobutanoate	---	7.21477	1965.0999	183.228	132.97	304.04	2
15330	C14H28O2	5-methylnonyl isobutanoate	---	7.21477	1965.0999	183.228	132.97	304.04	2
15331	C14H28O2	6-methylnonyl isobutanoate	---	7.21477	1965.0999	183.228	132.97	304.04	2
15332	C14H28O2	7-methylnonyl isobutanoate	---	7.21477	1965.0999	183.228	132.97	304.04	2
15333	C14H28O2	8-methylnonyl isobutanoate	---	7.21477	1965.0999	183.228	132.97	304.04	2
15334	C14H28O2	1,1-dimethyloctyl isobutanoate	---	6.90841	1837.3884	186.008	124.97	307.04	2
15335	C14H28O2	1,2-dimethyloctyl isobutanoate	---	6.90841	1837.3884	186.008	124.97	307.04	2
15336	C14H28O2	1,3-dimethyloctyl isobutanoate	---	6.90841	1837.3884	186.008	124.97	307.04	2
15337	C14H28O2	1,4-dimethyloctyl isobutanoate	---	6.90841	1837.3884	186.008	124.97	307.04	2
15338	C14H28O2	1,5-dimethyloctyl isobutanoate	---	6.90841	1837.3884	186.008	124.97	307.04	2
15339	C14H28O2	1,6-dimethyloctyl isobutanoate	---	6.90841	1837.3884	186.008	124.97	307.04	2
15340	C14H28O2	1,7-dimethyloctyl isobutanoate	---	6.90841	1837.3884	186.008	124.97	307.04	2
15341	C14H28O2	3,7-dimethyloctyl isobutanoate	71662-25-4	6.90841	1837.3884	186.008	124.97	307.04	2
15342	C14H28O2	1-ethyloctyl isobutanoate	---	7.02681	1886.7925	184.896	128.17	305.82	2
15343	C14H28O2	2-ethyloctyl isobutanoate	---	7.02681	1886.7925	184.896	128.17	305.82	2
15344	C14H28O2	3-ethyloctyl isobutanoate	---	7.02681	1886.7925	184.896	128.17	305.82	2
15345	C14H28O2	4-ethyloctyl isobutanoate	---	7.02681	1886.7925	184.896	128.17	305.82	2
15346	C14H28O2	5-ethyloctyl isobutanoate	---	7.02681	1886.7925	184.896	128.17	305.82	2
15347	C14H28O2	6-ethyloctyl isobutanoate	---	7.02681	1886.7925	184.896	128.17	305.82	2
15348	C14H28O2	7-ethyloctyl isobutanoate	---	7.02681	1886.7925	184.896	128.17	305.82	2
15349	C14H28O2	nonyl pentanoate	94248-13-2	7.93222	2262.8808	177.780	148.65	298.58	2
15350	C14H28O2	1-methyloctyl pentanoate	---	7.54447	2102.1467	180.560	140.65	301.29	2
15351	C14H28O2	2-methyloctyl pentanoate	---	7.54447	2102.1467	180.560	140.65	301.29	2
15352	C14H28O2	3-methyloctyl pentanoate	---	7.54447	2102.1467	180.560	140.65	301.29	2
15353	C14H28O2	4-methyloctyl pentanoate	---	7.54447	2102.1467	180.560	140.65	301.29	2
15354	C14H28O2	5-methyloctyl pentanoate	---	7.54447	2102.1467	180.560	140.65	301.29	2
15355	C14H28O2	6-methyloctyl pentanoate	---	7.54447	2102.1467	180.560	140.65	301.29	2
15356	C14H28O2	7-methyloctyl pentanoate	---	7.54447	2102.1467	180.560	140.65	301.29	2
15357	C14H28O2	1,1-dimethylheptyl pentanoate	---	7.20183	1959.7138	183.340	132.65	304.15	2
15358	C14H28O2	1,2-dimethylheptyl pentanoate	---	7.20183	1959.7138	183.340	132.65	304.15	2
15359	C14H28O2	1,3-dimethylheptyl pentanoate	---	7.20183	1959.7138	183.340	132.65	304.15	2
15360	C14H28O2	1,4-dimethylheptyl pentanoate	---	7.20183	1959.7138	183.340	132.65	304.15	2

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mmHg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
15361	C14H28O2	1,5-dimethylheptyl pentanoate	---	7.20183	1959.7138	183.340	132.65	304.15	2
15362	C14H28O2	1,6-dimethylheptyl pentanoate	---	7.20183	1959.7138	183.340	132.65	304.15	2
15363	C14H28O2	1-ethylheptyl pentanoate	---	7.33399	2014.7001	182.228	135.85	302.99	2
15364	C14H28O2	2-ethylheptyl pentanoate	---	7.33399	2014.7001	182.228	135.85	302.99	2
15365	C14H28O2	3-ethylheptyl pentanoate	---	7.33399	2014.7001	182.228	135.85	302.99	2
15366	C14H28O2	4-ethylheptyl pentanoate	---	7.33399	2014.7001	182.228	135.85	302.99	2
15367	C14H28O2	5-ethylheptyl pentanoate	---	7.33399	2014.7001	182.228	135.85	302.99	2
15368	C14H28O2	6-ethylheptyl pentanoate	---	7.33399	2014.7001	182.228	135.85	302.99	2
15369	C14H28O2	nonyl isopentanoate	7786-47-2	7.28038	1992.4019	182.672	134.57	303.45	2
15370	C14H28O2	1-methyloctyl isopentanoate	---	7.20183	1959.7138	183.340	132.65	304.15	2
15371	C14H28O2	2-methyloctyl isopentanoate	---	7.20183	1959.7138	183.340	132.65	304.15	2
15372	C14H28O2	3-methyloctyl isopentanoate	---	7.20183	1959.7138	183.340	132.65	304.15	2
15373	C14H28O2	4-methyloctyl isopentanoate	---	7.20183	1959.7138	183.340	132.65	304.15	2
15374	C14H28O2	5-methyloctyl isopentanoate	---	7.20183	1959.7138	183.340	132.65	304.15	2
15375	C14H28O2	6-methyloctyl isopentanoate	---	7.20183	1959.7138	183.340	132.65	304.15	2
15376	C14H28O2	7-methyloctyl isopentanoate	---	7.20183	1959.7138	183.340	132.65	304.15	2
15377	C14H28O2	1,1-dimethylheptyl isopentanoate	---	6.89686	1832.5641	186.120	124.65	307.17	2
15378	C14H28O2	1,2-dimethylheptyl isopentanoate	---	6.89686	1832.5641	186.120	124.65	307.17	2
15379	C14H28O2	1,3-dimethylheptyl isopentanoate	---	6.89686	1832.5641	186.120	124.65	307.17	2
15380	C14H28O2	1,4-dimethylheptyl isopentanoate	---	6.89686	1832.5641	186.120	124.65	307.17	2
15381	C14H28O2	1,5-dimethylheptyl isopentanoate	---	6.89686	1832.5641	186.120	124.65	307.17	2
15382	C14H28O2	1,6-dimethylheptyl isopentanoate	---	6.89686	1832.5641	186.120	124.65	307.17	2
15383	C14H28O2	1-ethylheptyl isopentanoate	---	7.01473	1881.7549	185.008	127.85	305.94	2
15384	C14H28O2	2-ethylheptyl isopentanoate	---	7.01473	1881.7549	185.008	127.85	305.94	2
15385	C14H28O2	3-ethylheptyl isopentanoate	---	7.01473	1881.7549	185.008	127.85	305.94	2
15386	C14H28O2	4-ethylheptyl isopentanoate	---	7.01473	1881.7549	185.008	127.85	305.94	2
15387	C14H28O2	5-ethylheptyl isopentanoate	---	7.01473	1881.7549	185.008	127.85	305.94	2
15388	C14H28O2	6-ethylheptyl isopentanoate	---	7.01473	1881.7549	185.008	127.85	305.94	2
15389	C14H28O2	nonyl sec-pentanoate	---	7.54447	2102.1467	180.560	140.65	301.29	2
15390	C14H28O2	1-methyloctyl sec-pentanoate	---	7.20183	1959.7138	183.340	132.65	304.15	2
15391	C14H28O2	2-methyloctyl sec-pentanoate	---	7.20183	1959.7138	183.340	132.65	304.15	2
15392	C14H28O2	3-methyloctyl sec-pentanoate	---	7.20183	1959.7138	183.340	132.65	304.15	2
15393	C14H28O2	4-methyloctyl sec-pentanoate	---	7.20183	1959.7138	183.340	132.65	304.15	2
15394	C14H28O2	5-methyloctyl sec-pentanoate	---	7.20183	1959.7138	183.340	132.65	304.15	2
15395	C14H28O2	6-methyloctyl sec-pentanoate	---	7.20183	1959.7138	183.340	132.65	304.15	2
15396	C14H28O2	7-methyloctyl sec-pentanoate	---	7.20183	1959.7138	183.340	132.65	304.15	2
15397	C14H28O2	1,1-dimethylheptyl sec-pentanoate	---	6.89686	1832.5641	186.120	124.65	307.17	2
15398	C14H28O2	1,2-dimethylheptyl sec-pentanoate	---	6.89686	1832.5641	186.120	124.65	307.17	2
15399	C14H28O2	1,3-dimethylheptyl sec-pentanoate	---	6.89686	1832.5641	186.120	124.65	307.17	2
15400	C14H28O2	1,4-dimethylheptyl sec-pentanoate	---	6.89686	1832.5641	186.120	124.65	307.17	2
15401	C14H28O2	1,5-dimethylheptyl sec-pentanoate	---	6.89686	1832.5641	186.120	124.65	307.17	2
15402	C14H28O2	1,6-dimethylheptyl sec-pentanoate	---	6.89686	1832.5641	186.120	124.65	307.17	2
15403	C14H28O2	1-ethylheptyl sec-pentanoate	---	7.01473	1881.7549	185.008	127.85	305.94	2
15404	C14H28O2	2-ethylheptyl sec-pentanoate	---	7.01473	1881.7549	185.008	127.85	305.94	2
15405	C14H28O2	3-ethylheptyl sec-pentanoate	---	7.01473	1881.7549	185.008	127.85	305.94	2
15406	C14H28O2	4-ethylheptyl sec-pentanoate	---	7.01473	1881.7549	185.008	127.85	305.94	2
15407	C14H28O2	5-ethylheptyl sec-pentanoate	---	7.01473	1881.7549	185.008	127.85	305.94	2
15408	C14H28O2	6-ethylheptyl sec-pentanoate	---	7.01473	1881.7549	185.008	127.85	305.94	2
15409	C14H28O2	nonyl tert-pentanoate	---	7.20183	1959.7138	183.340	132.65	304.15	2
15410	C14H28O2	1-methyloctyl tert-pentanoate	---	6.89686	1832.5641	186.120	124.65	307.17	2
15411	C14H28O2	2-methyloctyl tert-pentanoate	---	6.89686	1832.5641	186.120	124.65	307.17	2
15412	C14H28O2	3-methyloctyl tert-pentanoate	---	6.89686	1832.5641	186.120	124.65	307.17	2
15413	C14H28O2	4-methyloctyl tert-pentanoate	---	6.89686	1832.5641	186.120	124.65	307.17	2
15414	C14H28O2	5-methyloctyl tert-pentanoate	---	6.89686	1832.5641	186.120	124.65	307.17	2
15415	C14H28O2	6-methyloctyl tert-pentanoate	---	6.89686	1832.5641	186.120	124.65	307.17	2
15416	C14H28O2	7-methyloctyl tert-pentanoate	---	6.89686	1832.5641	186.120	124.65	307.17	2
15417	C14H28O2	1,1-dimethylheptyl tert-pentanoate	---	6.62367	1718.3088	188.900	116.65	310.34	2
15418	C14H28O2	1,2-dimethylheptyl tert-pentanoate	---	6.62367	1718.3088	188.900	116.65	310.34	2
15419	C14H28O2	1,3-dimethylheptyl tert-pentanoate	---	6.62367	1718.3088	188.900	116.65	310.34	2
15420	C14H28O2	1,4-dimethylheptyl tert-pentanoate	---	6.62367	1718.3088	188.900	116.65	310.34	2
15421	C14H28O2	1,5-dimethylheptyl tert-pentanoate	---	6.62367	1718.3088	188.900	116.65	310.34	2
15422	C14H28O2	1,6-dimethylheptyl tert-pentanoate	---	6.62367	1718.3088	188.900	116.65	310.34	2
15423	C14H28O2	1-ethylheptyl tert-pentanoate	---	6.72946	1762.5953	187.788	119.85	309.05	2
15424	C14H28O2	2-ethylheptyl tert-pentanoate	---	6.72946	1762.5953	187.788	119.85	309.05	2
15425	C14H28O2	3-ethylheptyl tert-pentanoate	---	6.72946	1762.5953	187.788	119.85	309.05	2
15426	C14H28O2	4-ethylheptyl tert-pentanoate	---	6.72946	1762.5953	187.788	119.85	309.05	2
15427	C14H28O2	5-ethylheptyl tert-pentanoate	---	6.72946	1762.5953	187.788	119.85	309.05	2
15428	C14H28O2	6-ethylheptyl tert-pentanoate	---	6.72946	1762.5953	187.788	119.85	309.05	2
15429	C14H28O2	octyl hexanoate	4887-30-3	7.43825	2073.0161	179.614	142.37	307.42	1,2
15430	C14H28O2	heptyl heptanoate	624-09-9	7.44068	2080.5205	179.058	143.97	309.46	1,2
15431	C14H28O2	hexyl octanoate	1117-55-1	7.44671	2083.8149	178.947	144.29	309.65	1,2
15432	C14H28O2	pentyl nonanoate	61531-45-1	7.66513	2152.2103	179.656	143.25	300.40	2
15433	C14H28O2	ethyl laurate	106-33-2	7.51507	2084.1463	180.726	139.17	300.24	1,2
15434	C14H28O2	methyl tridecanoate	1731-88-0	7.52273	2093.1183	180.726	140.17	301.46	2
15435	C14H28S	thiacyclopentadecane	295-51-2	6.04539	1616.8931	180.670	139.80	383.98	3
15436	C14H29Br	1-bromotetradecane	112-71-0	7.60342	2256.3106	170.718	170.97	339.58	1,2
15437	C14H29Br	2-bromotetradecane	---	7.39820	2152.7924	173.498	162.97	337.08	2
15438	C14H29Br	3-bromotetradecane	---	7.39820	2152.7924	173.498	162.97	337.08	2
15439	C14H29Br	4-bromotetradecane	---	7.39820	2152.7924	173.498	162.97	337.08	2
15440	C14H29Br	5-bromotetradecane	---	7.39820	2152.7924	173.498	162.97	337.08	2

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mmHg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
15441	C14H29Br	6-bromotetradecane	---	7.39820	2152.7924	173.498	162.97	337.08	2
15442	C14H29Br	7-bromotetradecane	---	7.39820	2152.7924	173.498	162.97	337.08	2
15443	C14H29Br	1-bromo-2-methyltridecane	---	7.39820	2152.7924	173.498	162.97	337.08	2
15444	C14H29Br	1-bromo-3-methyltridecane	---	7.39820	2152.7924	173.498	162.97	337.08	2
15445	C14H29Br	1-bromo-4-methyltridecane	---	7.39820	2152.7924	173.498	162.97	337.08	2
15446	C14H29Br	1-bromo-5-methyltridecane	---	7.39820	2152.7924	173.498	162.97	337.08	2
15447	C14H29Br	1-bromo-6-methyltridecane	---	7.39820	2152.7924	173.498	162.97	337.08	2
15448	C14H29Br	1-bromo-7-methyltridecane	---	7.39820	2152.7924	173.498	162.97	337.08	2
15449	C14H29Br	1-bromo-8-methyltridecane	---	7.39820	2152.7924	173.498	162.97	337.08	2
15450	C14H29Br	1-bromo-9-methyltridecane	---	7.39820	2152.7924	173.498	162.97	337.08	2
15451	C14H29Br	1-bromo-10-methyltridecane	---	7.39820	2152.7924	173.498	162.97	337.08	2
15452	C14H29Br	1-bromo-11-methyltridecane	---	7.39820	2152.7924	173.498	162.97	337.08	2
15453	C14H29Br	1-bromo-12-methyltridecane	111772-90-8	7.39820	2152.7924	173.498	162.97	337.08	2
15454	C14H29Br	2-bromo-2-methyltridecane	---	7.08787	2016.5960	176.278	154.97	340.00	2
15455	C14H29Br	2-bromo-3-methyltridecane	---	7.08787	2016.5960	176.278	154.97	340.00	2
15456	C14H29Br	2-bromo-4-methyltridecane	---	7.08787	2016.5960	176.278	154.97	340.00	2
15457	C14H29Br	2-bromo-5-methyltridecane	---	7.08787	2016.5960	176.278	154.97	340.00	2
15458	C14H29Br	2-bromo-6-methyltridecane	---	7.08787	2016.5960	176.278	154.97	340.00	2
15459	C14H29Br	2-bromo-7-methyltridecane	---	7.08787	2016.5960	176.278	154.97	340.00	2
15460	C14H29Br	2-bromo-8-methyltridecane	---	7.08787	2016.5960	176.278	154.97	340.00	2
15461	C14H29Br	2-bromo-9-methyltridecane	---	7.08787	2016.5960	176.278	154.97	340.00	2
15462	C14H29Br	2-bromo-10-methyltridecane	---	7.08787	2016.5960	176.278	154.97	340.00	2
15463	C14H29Br	2-bromo-11-methyltridecane	---	7.08787	2016.5960	176.278	154.97	340.00	2
15464	C14H29Br	2-bromo-12-methyltridecane	---	7.08787	2016.5960	176.278	154.97	340.00	2
15465	C14H29Br	3-bromo-2-methyltridecane	---	7.08787	2016.5960	176.278	154.97	340.00	2
15466	C14H29Br	3-bromo-3-methyltridecane	---	7.08787	2016.5960	176.278	154.97	340.00	2
15467	C14H29Br	3-bromo-4-methyltridecane	---	7.08787	2016.5960	176.278	154.97	340.00	2
15468	C14H29Br	3-bromo-5-methyltridecane	---	7.08787	2016.5960	176.278	154.97	340.00	2
15469	C14H29Br	3-bromo-6-methyltridecane	---	7.08787	2016.5960	176.278	154.97	340.00	2
15470	C14H29Br	3-bromo-7-methyltridecane	---	7.08787	2016.5960	176.278	154.97	340.00	2
15471	C14H29Br	3-bromo-8-methyltridecane	---	7.08787	2016.5960	176.278	154.97	340.00	2
15472	C14H29Br	3-bromo-9-methyltridecane	---	7.08787	2016.5960	176.278	154.97	340.00	2
15473	C14H29Br	3-bromo-10-methyltridecane	---	7.08787	2016.5960	176.278	154.97	340.00	2
15474	C14H29Br	3-bromo-11-methyltridecane	---	7.08787	2016.5960	176.278	154.97	340.00	2
15475	C14H29Br	3-bromo-12-methyltridecane	---	7.08787	2016.5960	176.278	154.97	340.00	2
15476	C14H29Cl	1-chlorotetradecane	2425-54-9	7.63853	2239.7729	173.540	163.85	329.02	1,2
15477	C14H29Cl	2-chlorotetradecane	---	6.95197	1971.1147	176.320	154.85	346.50	2
15478	C14H29Cl	3-chlorotetradecane	---	6.95197	1971.1147	176.320	154.85	346.50	2
15479	C14H29Cl	4-chlorotetradecane	---	6.95197	1971.1147	176.320	154.85	346.50	2
15480	C14H29Cl	5-chlorotetradecane	---	6.95197	1971.1147	176.320	154.85	346.50	2
15481	C14H29Cl	6-chlorotetradecane	---	6.95197	1971.1147	176.320	154.85	346.50	2
15482	C14H29Cl	7-chlorotetradecane	---	6.95197	1971.1147	176.320	154.85	346.50	2
15483	C14H29Cl	1-chloro-2-methyltridecane	---	6.95197	1971.1147	176.320	154.85	346.50	2
15484	C14H29Cl	1-chloro-3-methyltridecane	---	6.95197	1971.1147	176.320	154.85	346.50	2
15485	C14H29Cl	1-chloro-4-methyltridecane	---	6.95197	1971.1147	176.320	154.85	346.50	2
15486	C14H29Cl	1-chloro-5-methyltridecane	---	6.95197	1971.1147	176.320	154.85	346.50	2
15487	C14H29Cl	1-chloro-6-methyltridecane	---	6.95197	1971.1147	176.320	154.85	346.50	2
15488	C14H29Cl	1-chloro-7-methyltridecane	---	6.95197	1971.1147	176.320	154.85	346.50	2
15489	C14H29Cl	1-chloro-8-methyltridecane	---	6.95197	1971.1147	176.320	154.85	346.50	2
15490	C14H29Cl	1-chloro-9-methyltridecane	---	6.95197	1971.1147	176.320	154.85	346.50	2
15491	C14H29Cl	1-chloro-10-methyltridecane	---	6.95197	1971.1147	176.320	154.85	346.50	2
15492	C14H29Cl	1-chloro-11-methyltridecane	---	6.95197	1971.1147	176.320	154.85	346.50	2
15493	C14H29Cl	1-chloro-12-methyltridecane	---	6.95197	1971.1147	176.320	154.85	346.50	2
15494	C14H29Cl	2-chloro-2-methyltridecane	---	6.68869	1854.2289	179.100	146.85	349.65	2
15495	C14H29Cl	2-chloro-3-methyltridecane	---	6.68869	1854.2289	179.100	146.85	349.65	2
15496	C14H29Cl	2-chloro-4-methyltridecane	---	6.68869	1854.2289	179.100	146.85	349.65	2
15497	C14H29Cl	2-chloro-5-methyltridecane	---	6.68869	1854.2289	179.100	146.85	349.65	2
15498	C14H29Cl	2-chloro-6-methyltridecane	---	6.68869	1854.2289	179.100	146.85	349.65	2
15499	C14H29Cl	2-chloro-7-methyltridecane	---	6.68869	1854.2289	179.100	146.85	349.65	2
15500	C14H29Cl	2-chloro-8-methyltridecane	---	6.68869	1854.2289	179.100	146.85	349.65	2
15501	C14H29Cl	2-chloro-9-methyltridecane	---	6.68869	1854.2289	179.100	146.85	349.65	2
15502	C14H29Cl	2-chloro-10-methyltridecane	---	6.68869	1854.2289	179.100	146.85	349.65	2
15503	C14H29Cl	2-chloro-11-methyltridecane	---	6.68869	1854.2289	179.100	146.85	349.65	2
15504	C14H29Cl	2-chloro-12-methyltridecane	---	6.68869	1854.2289	179.100	146.85	349.65	2
15505	C14H29Cl	3-chloro-2-methyltridecane	---	6.68869	1854.2289	179.100	146.85	349.65	2
15506	C14H29Cl	3-chloro-3-methyltridecane	---	6.68869	1854.2289	179.100	146.85	349.65	2
15507	C14H29Cl	3-chloro-4-methyltridecane	---	6.68869	1854.2289	179.100	146.85	349.65	2
15508	C14H29Cl	3-chloro-5-methyltridecane	---	6.68869	1854.2289	179.100	146.85	349.65	2
15509	C14H29Cl	3-chloro-6-methyltridecane	---	6.68869	1854.2289	179.100	146.85	349.65	2
15510	C14H29Cl	3-chloro-7-methyltridecane	---	6.68869	1854.2289	179.100	146.85	349.65	2
15511	C14H29Cl	3-chloro-8-methyltridecane	---	6.68869	1854.2289	179.100	146.85	349.65	2
15512	C14H29Cl	3-chloro-9-methyltridecane	---	6.68869	1854.2289	179.100	146.85	349.65	2
15513	C14H29Cl	3-chloro-10-methyltridecane	---	6.68869	1854.2289	179.100	146.85	349.65	2
15514	C14H29Cl	3-chloro-11-methyltridecane	---	6.68869	1854.2289	179.100	146.85	349.65	2
15515	C14H29Cl	3-chloro-12-methyltridecane	---	6.68869	1854.2289	179.100	146.85	349.65	2
15516	C14H29F	1-fluorotetradecane	73180-09-3	6.56642	1731.7719	184.340	126.77	327.32	2
15517	C14H29F	1-fluorotetradecane	---	6.37605	1650.0954	186.564	120.37	330.03	2
15518	C14H29F	2-fluorotetradecane	---	6.37605	1650.0954	186.564	120.37	330.03	2
15519	C14H29F	3-fluorotetradecane	---	6.37605	1650.0954	186.564	120.37	330.03	2
15520	C14H29F	4-fluorotetradecane	---	6.37605	1650.0954	186.564	120.37	330.03	2

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mmHg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
15521	C14H29F	5-fluorotetradecane	---	6.37605	1650.0954	186.564	120.37	330.03	2
15522	C14H29F	6-fluorotetradecane	---	6.37605	1650.0954	186.564	120.37	330.03	2
15523	C14H29F	7-fluorotetradecane	---	6.37605	1650.0954	186.564	120.37	330.03	2
15524	C14H29F	1-fluoro-2-methyltridecane	---	6.37605	1650.0954	186.564	120.37	330.03	2
15525	C14H29F	1-fluoro-3-methyltridecane	---	6.37605	1650.0954	186.564	120.37	330.03	2
15526	C14H29F	1-fluoro-4-methyltridecane	---	6.37605	1650.0954	186.564	120.37	330.03	2
15527	C14H29F	1-fluoro-5-methyltridecane	---	6.37605	1650.0954	186.564	120.37	330.03	2
15528	C14H29F	1-fluoro-6-methyltridecane	---	6.37605	1650.0954	186.564	120.37	330.03	2
15529	C14H29F	1-fluoro-7-methyltridecane	---	6.37605	1650.0954	186.564	120.37	330.03	2
15530	C14H29F	1-fluoro-8-methyltridecane	---	6.37605	1650.0954	186.564	120.37	330.03	2
15531	C14H29F	1-fluoro-9-methyltridecane	---	6.37605	1650.0954	186.564	120.37	330.03	2
15532	C14H29F	1-fluoro-10-methyltridecane	---	6.37605	1650.0954	186.564	120.37	330.03	2
15533	C14H29F	1-fluoro-11-methyltridecane	---	6.37605	1650.0954	186.564	120.37	330.03	2
15534	C14H29F	1-fluoro-12-methyltridecane	---	6.37605	1650.0954	186.564	120.37	330.03	2
15535	C14H29F	2-fluoro-2-methyltridecane	---	6.19989	1574.3090	188.788	113.97	332.84	2
15536	C14H29F	2-fluoro-3-methyltridecane	---	6.19989	1574.3090	188.788	113.97	332.84	2
15537	C14H29F	2-fluoro-4-methyltridecane	---	6.19989	1574.3090	188.788	113.97	332.84	2
15538	C14H29F	2-fluoro-5-methyltridecane	---	6.19989	1574.3090	188.788	113.97	332.84	2
15539	C14H29F	2-fluoro-6-methyltridecane	---	6.19989	1574.3090	188.788	113.97	332.84	2
15540	C14H29F	2-fluoro-7-methyltridecane	---	6.19989	1574.3090	188.788	113.97	332.84	2
15541	C14H29F	2-fluoro-8-methyltridecane	---	6.19989	1574.3090	188.788	113.97	332.84	2
15542	C14H29F	2-fluoro-9-methyltridecane	---	6.19989	1574.3090	188.788	113.97	332.84	2
15543	C14H29F	2-fluoro-10-methyltridecane	---	6.19989	1574.3090	188.788	113.97	332.84	2
15544	C14H29F	2-fluoro-11-methyltridecane	---	6.19989	1574.3090	188.788	113.97	332.84	2
15545	C14H29F	2-fluoro-12-methyltridecane	---	6.19989	1574.3090	188.788	113.97	332.84	2
15546	C14H29F	3-fluoro-2-methyltridecane	---	6.19989	1574.3090	188.788	113.97	332.84	2
15547	C14H29F	3-fluoro-3-methyltridecane	---	6.19989	1574.3090	188.788	113.97	332.84	2
15548	C14H29F	3-fluoro-4-methyltridecane	---	6.19989	1574.3090	188.788	113.97	332.84	2
15549	C14H29F	3-fluoro-5-methyltridecane	---	6.19989	1574.3090	188.788	113.97	332.84	2
15550	C14H29F	3-fluoro-6-methyltridecane	---	6.19989	1574.3090	188.788	113.97	332.84	2
15551	C14H29F	3-fluoro-7-methyltridecane	---	6.19989	1574.3090	188.788	113.97	332.84	2
15552	C14H29F	3-fluoro-8-methyltridecane	---	6.19989	1574.3090	188.788	113.97	332.84	2
15553	C14H29F	3-fluoro-9-methyltridecane	---	6.19989	1574.3090	188.788	113.97	332.84	2
15554	C14H29F	3-fluoro-10-methyltridecane	---	6.19989	1574.3090	188.788	113.97	332.84	2
15555	C14H29F	3-fluoro-11-methyltridecane	---	6.19989	1574.3090	188.788	113.97	332.84	2
15556	C14H29F	3-fluoro-12-methyltridecane	---	6.19989	1574.3090	188.788	113.97	332.84	2
15557	C14H29I	1-iodotetradecane	19218-94-1	8.09873	2475.2883	164.324	184.37	339.10	2
15558	C14H29I	1-iodotetradecane	---	7.71305	2305.7604	167.104	176.37	341.76	2
15559	C14H29I	2-iodotetradecane	---	7.71305	2305.7604	167.104	176.37	341.76	2
15560	C14H29I	3-iodotetradecane	---	7.71305	2305.7604	167.104	176.37	341.76	2
15561	C14H29I	4-iodotetradecane	---	7.71305	2305.7604	167.104	176.37	341.76	2
15562	C14H29I	5-iodotetradecane	---	7.71305	2305.7604	167.104	176.37	341.76	2
15563	C14H29I	6-iodotetradecane	---	7.71305	2305.7604	167.104	176.37	341.76	2
15564	C14H29I	7-iodotetradecane	---	7.71305	2305.7604	167.104	176.37	341.76	2
15565	C14H29I	1-iodo-2-methyltridecane	---	7.71305	2305.7604	167.104	176.37	341.76	2
15566	C14H29I	1-iodo-3-methyltridecane	---	7.71305	2305.7604	167.104	176.37	341.76	2
15567	C14H29I	1-iodo-4-methyltridecane	---	7.71305	2305.7604	167.104	176.37	341.76	2
15568	C14H29I	1-iodo-5-methyltridecane	---	7.71305	2305.7604	167.104	176.37	341.76	2
15569	C14H29I	1-iodo-6-methyltridecane	---	7.71305	2305.7604	167.104	176.37	341.76	2
15570	C14H29I	1-iodo-7-methyltridecane	---	7.71305	2305.7604	167.104	176.37	341.76	2
15571	C14H29I	1-iodo-8-methyltridecane	---	7.71305	2305.7604	167.104	176.37	341.76	2
15572	C14H29I	1-iodo-9-methyltridecane	---	7.71305	2305.7604	167.104	176.37	341.76	2
15573	C14H29I	1-iodo-10-methyltridecane	---	7.71305	2305.7604	167.104	176.37	341.76	2
15574	C14H29I	1-iodo-11-methyltridecane	---	7.71305	2305.7604	167.104	176.37	341.76	2
15575	C14H29I	1-iodo-12-methyltridecane	---	7.71305	2305.7604	167.104	176.37	341.76	2
15576	C14H29I	2-iodo-2-methyltridecane	---	7.37092	2154.9911	169.884	168.37	344.55	2
15577	C14H29I	2-iodo-3-methyltridecane	---	7.37092	2154.9911	169.884	168.37	344.55	2
15578	C14H29I	2-iodo-4-methyltridecane	---	7.37092	2154.9911	169.884	168.37	344.55	2
15579	C14H29I	2-iodo-5-methyltridecane	---	7.37092	2154.9911	169.884	168.37	344.55	2
15580	C14H29I	2-iodo-6-methyltridecane	---	7.37092	2154.9911	169.884	168.37	344.55	2
15581	C14H29I	2-iodo-7-methyltridecane	---	7.37092	2154.9911	169.884	168.37	344.55	2
15582	C14H29I	2-iodo-8-methyltridecane	---	7.37092	2154.9911	169.884	168.37	344.55	2
15583	C14H29I	2-iodo-9-methyltridecane	---	7.37092	2154.9911	169.884	168.37	344.55	2
15584	C14H29I	2-iodo-10-methyltridecane	---	7.37092	2154.9911	169.884	168.37	344.55	2
15585	C14H29I	2-iodo-11-methyltridecane	---	7.37092	2154.9911	169.884	168.37	344.55	2
15586	C14H29I	2-iodo-12-methyltridecane	---	7.37092	2154.9911	169.884	168.37	344.55	2
15587	C14H29I	3-iodo-2-methyltridecane	---	7.37092	2154.9911	169.884	168.37	344.55	2
15588	C14H29I	3-iodo-3-methyltridecane	---	7.37092	2154.9911	169.884	168.37	344.55	2
15589	C14H29I	3-iodo-4-methyltridecane	---	7.37092	2154.9911	169.884	168.37	344.55	2
15590	C14H29I	3-iodo-5-methyltridecane	---	7.37092	2154.9911	169.884	168.37	344.55	2
15591	C14H29I	3-iodo-6-methyltridecane	---	7.37092	2154.9911	169.884	168.37	344.55	2
15592	C14H29I	3-iodo-7-methyltridecane	---	7.37092	2154.9911	169.884	168.37	344.55	2
15593	C14H29I	3-iodo-8-methyltridecane	---	7.37092	2154.9911	169.884	168.37	344.55	2
15594	C14H29I	3-iodo-9-methyltridecane	---	7.37092	2154.9911	169.884	168.37	344.55	2
15595	C14H29I	3-iodo-10-methyltridecane	---	7.37092	2154.9911	169.884	168.37	344.55	2
15596	C14H29I	3-iodo-11-methyltridecane	---	7.37092	2154.9911	169.884	168.37	344.55	2
15597	C14H29I	3-iodo-12-methyltridecane	---	7.37092	2154.9911	169.884	168.37	344.55	2
15598	C14H29NO2	1-nitrotetradecane	31241-42-6	7.13494	2135.4780	165.714	182.37	374.49	3
15599	C14H30	tetradecane	629-59-4	7.38975	1954.0312	183.519	122.29	280.85	1,2
15600	C14H30	2-methyltridecane	1560-96-9	7.06840	1740.4471	167.720	119.08	280.09	1,2

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mmHg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
15601	C14H30	3-methyltridecane	6418-41-3	7.06957	1744.2843	167.720	119.66	280.94	1,2
15602	C14H30	4-methyltridecane	26730-12-1	8.31565	2807.1230	269.904	113.81	276.89	1,2
15603	C14H30	5-methyltridecane	25117-31-1	8.31916	2808.6370	271.379	112.36	275.33	1,2
15604	C14H30	7-methyltridecane	26730-14-3	8.04616	2180.2726	187.900	121.53	260.32	2
15605	C14H30	2,2-dimethyldodecane	49598-54-1	6.95703	1661.9562	167.720	111.27	272.51	1,2
15606	C14H30	2,3-dimethyldodecane	6117-98-2	7.01979	1716.5183	167.720	117.43	279.53	1,2
15607	C14H30	2,4-dimethyldodecane	6117-99-3	7.00053	1654.9723	167.720	108.08	265.67	1,2
15608	C14H30	2,4,6-trimethylundecane	107771-01-7	8.53569	2770.4000	272.451	95.19	245.01	1,2
15609	C14H30	2,2,3,3,5,6,6,-heptamethylheptane	7225-67-4	7.16428	1877.5250	211.548	93.03	259.90	1,2
15610	C14H30O	1-tetradecanol	112-72-1	8.24595	2483.6469	173.874	168.89	316.57	1,2
15611	C14H30O	2-tetradecanol	4706-81-4	7.94779	2339.1971	177.112	159.57	313.70	2
15612	C14H30O	3-tetradecanol	1653-32-3	7.94779	2339.1971	177.112	159.57	313.70	2
15613	C14H30O	4-tetradecanol	1653-33-4	7.94779	2339.1971	177.112	159.57	313.70	2
15614	C14H30O	5-tetradecanol	21078-83-1	7.94779	2339.1971	177.112	159.57	313.70	2
15615	C14H30O	6-tetradecanol	6836-39-1	7.94779	2339.1971	177.112	159.57	313.70	2
15616	C14H30O	7-tetradecanol	---	7.94779	2339.1971	177.112	159.57	313.70	2
15617	C14H30O	2-methyltridecanol	---	7.60492	2192.7289	179.614	152.37	316.13	2
15618	C14H30O	3-methyltridecanol	---	7.60492	2192.7289	179.614	152.37	316.13	2
15619	C14H30O	4-methyltridecanol	---	7.60492	2192.7289	179.614	152.37	316.13	2
15620	C14H30O	5-methyltridecanol	---	7.60492	2192.7289	179.614	152.37	316.13	2
15621	C14H30O	6-methyltridecanol	---	7.60492	2192.7289	179.614	152.37	316.13	2
15622	C14H30O	7-methyltridecanol	---	7.60492	2192.7289	179.614	152.37	316.13	2
15623	C14H30O	8-methyltridecanol	---	7.60492	2192.7289	179.614	152.37	316.13	2
15624	C14H30O	9-methyltridecanol	---	7.60492	2192.7289	179.614	152.37	316.13	2
15625	C14H30O	10-methyltridecanol	---	7.60492	2192.7289	179.614	152.37	316.13	2
15626	C14H30O	12-methyl-1-tridecanol	21987-21-3	7.76015	2259.0858	178.447	155.73	314.99	2
15627	C14H30O	2-methyl-3-tridecanol	98930-89-3	7.97286	2311.2390	179.892	151.57	302.52	1,2
15628	C14H30O	2-methyl-4-tridecanol	36691-77-7	7.76015	2259.0858	178.447	155.73	314.99	2
15629	C14H30O	2,2-dimethyldodecanol	---	7.28777	2056.9165	182.200	144.93	318.76	2
15630	C14H30O	2,3-dimethyldodecanol	---	7.43010	2117.9100	181.004	148.37	317.53	2
15631	C14H30O	2,4-dimethyldodecanol	---	7.43010	2117.9100	181.004	148.37	317.53	2
15632	C14H30O	2,5-dimethyldodecanol	---	7.43010	2117.9100	181.004	148.37	317.53	2
15633	C14H30O	2,6-dimethyldodecanol	---	7.43010	2117.9100	181.004	148.37	317.53	2
15634	C14H30O	2,7-dimethyldodecanol	---	7.43010	2117.9100	181.004	148.37	317.53	2
15635	C14H30O	2,8-dimethyldodecanol	---	7.43010	2117.9100	181.004	148.37	317.53	2
15636	C14H30O	3,3-dimethyldodecanol	---	7.28777	2056.9165	182.200	144.93	318.76	2
15637	C14H30O	3,4-dimethyldodecanol	---	7.43010	2117.9100	181.004	148.37	317.53	2
15638	C14H30O	3,5-dimethyldodecanol	---	7.43010	2117.9100	181.004	148.37	317.53	2
15639	C14H30O	3,6-dimethyldodecanol	---	7.43010	2117.9100	181.004	148.37	317.53	2
15640	C14H30O	3,7-dimethyldodecanol	---	7.43010	2117.9100	181.004	148.37	317.53	2
15641	C14H30O	3,8-dimethyldodecanol	---	7.43010	2117.9100	181.004	148.37	317.53	2
15642	C14H30O	2-ethylldodecanol	---	7.60492	2192.7289	179.614	152.37	316.13	2
15643	C14H30O	3-ethylldodecanol	---	7.60492	2192.7289	179.614	152.37	316.13	2
15644	C14H30O	4-ethylldodecanol	---	7.60492	2192.7289	179.614	152.37	316.13	2
15645	C14H30O	5-ethylldodecanol	---	7.60492	2192.7289	179.614	152.37	316.13	2
15646	C14H30O	6-ethylldodecanol	---	7.60492	2192.7289	179.614	152.37	316.13	2
15647	C14H30O	7-ethylldodecanol	---	7.60492	2192.7289	179.614	152.37	316.13	2
15648	C14H30O	8-ethylldodecanol	---	7.60492	2192.7289	179.614	152.37	316.13	2
15649	C14H30O	9-ethylldodecanol	---	7.60492	2192.7289	179.614	152.37	316.13	2
15650	C14H30O	2-tetradecanol	4706-81-4	7.94779	2339.1971	177.112	159.57	313.70	2
15651	C14H30O	3-tetradecanol	1653-32-3	7.76015	2259.0858	178.447	155.73	314.99	2
15652	C14H30O	tetradecanol; mixed isomers	27196-00-5	8.15591	2427.9439	175.722	163.57	312.40	2
15653	C14H30O	1-methoxy-tridecane	---	8.17835	2309.2452	181.366	140.33	280.81	2
15654	C14H30O	2-methoxy-tridecane	---	7.41913	2002.0106	186.592	125.29	285.88	2
15655	C14H30O	3-methoxy-tridecane	---	7.41913	2002.0106	186.592	125.29	285.88	2
15656	C14H30O	4-methoxy-tridecane	---	7.41913	2002.0106	186.592	125.29	285.88	2
15657	C14H30O	5-methoxy-tridecane	---	7.41913	2002.0106	186.592	125.29	285.88	2
15658	C14H30O	6-methoxy-tridecane	---	7.41913	2002.0106	186.592	125.29	285.88	2
15659	C14H30O	7-methoxy-tridecane	---	7.41913	2002.0106	186.592	125.29	285.88	2
15660	C14H30O	1-ethoxy-dodecane	---	7.79142	2152.8657	183.868	133.13	283.17	2
15661	C14H30O	2-ethoxy-dodecane	---	7.41913	2002.0106	186.592	125.29	285.88	2
15662	C14H30O	3-ethoxy-dodecane	---	7.41913	2002.0106	186.592	125.29	285.88	2
15663	C14H30O	4-ethoxy-dodecane	---	7.41913	2002.0106	186.592	125.29	285.88	2
15664	C14H30O	5-ethoxy-dodecane	---	7.41913	2002.0106	186.592	125.29	285.88	2
15665	C14H30O	6-ethoxy-dodecane	---	7.41913	2002.0106	186.592	125.29	285.88	2
15666	C14H30O	1-propoxy-undecane	---	7.82804	2167.6806	183.618	133.85	282.93	2
15667	C14H30O	2-propoxy-undecane	---	7.45503	2016.5791	186.314	126.09	285.60	2
15668	C14H30O	3-propoxy-undecane	---	7.45503	2016.5791	186.314	126.09	285.60	2
15669	C14H30O	4-propoxy-undecane	---	7.45503	2016.5791	186.314	126.09	285.60	2
15670	C14H30O	5-propoxy-undecane	---	7.45503	2016.5791	186.314	126.09	285.60	2
15671	C14H30O	6-propoxy-undecane	---	7.45503	2016.5791	186.314	126.09	285.60	2
15672	C14H30O	1-isopropoxy-undecane	---	7.27983	1945.4555	187.704	122.09	287.03	2
15673	C14H30O	2-isopropoxy-undecane	---	7.27983	1945.4555	187.704	122.09	287.03	2
15674	C14H30O	3-isopropoxy-undecane	---	7.27983	1945.4555	187.704	122.09	287.03	2
15675	C14H30O	4-isopropoxy-undecane	---	7.27983	1945.4555	187.704	122.09	287.03	2
15676	C14H30O	5-isopropoxy-undecane	---	7.27983	1945.4555	187.704	122.09	287.03	2
15677	C14H30O	6-isopropoxy-undecane	---	7.27983	1945.4555	187.704	122.09	287.03	2
15678	C14H30O	diheptyl ether	629-64-1	7.90899	2201.1910	183.228	135.37	282.42	2
15679	C14H30O2	1,2-tetradecanediol	21129-09-9	10.10057	3311.0261	162.656	201.17	315.90	3
15680	C14H30O2	1,3-tetradecanediol	---	10.96511	3682.7890	159.598	209.97	313.57	3

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mmHg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
15681	C14H30O2	1,4-tetradecanediol	---	13.22636	4652.5010	153.760	226.77	309.43	3
15682	C14H30O2	1,14-tetradecanediol	19812-64-7	11.71396	4004.2826	157.374	216.37	311.94	3
15683	C14H30O2	2,2,9,9-tetramethyl-1,10-decanediol	35449-36-6	11.37202	3857.5348	158.347	213.57	312.65	3
15684	C14H30S	1-tetradecanethiol	2079-95-0	7.75933	2309.5018	170.938	170.74	333.60	2
15685	C14H30S	2-tetradecanethiol	62155-04-8	7.46935	2182.6973	173.220	164.17	335.86	2
15686	C14H30S	3-tetradecanethiol	---	7.43403	2166.5248	173.359	163.37	336.15	2
15687	C14H30S	4-tetradecanethiol	---	7.41745	2159.2684	173.498	162.97	336.29	2
15688	C14H30S	5-tetradecanethiol	---	7.40097	2152.0525	173.637	162.57	336.43	2
15689	C14H30S	6-tetradecanethiol	---	7.38458	2144.8768	173.776	162.17	336.58	2
15690	C14H30S	7-tetradecanethiol	---	7.36829	2137.7410	173.915	161.77	336.72	2
15691	C14H30S	2-methyl-1-tridecanethiol	---	7.49144	2191.6527	172.884	164.74	335.67	2
15692	C14H30S	3-methyl-1-tridecanethiol	---	7.47453	2184.2551	173.023	164.34	335.81	2
15693	C14H30S	4-methyl-1-tridecanethiol	---	7.45773	2176.8992	173.162	163.94	335.95	2
15694	C14H30S	5-methyl-1-tridecanethiol	---	7.44102	2169.5846	173.301	163.54	336.09	2
15695	C14H30S	6-methyl-1-tridecanethiol	---	7.42440	2162.3111	173.440	163.14	336.23	2
15696	C14H30S	7-methyl-1-tridecanethiol	---	7.40788	2155.0783	173.579	162.74	336.37	2
15697	C14H30S	8-methyl-1-tridecanethiol	---	7.39145	2147.8857	173.718	162.34	336.52	2
15698	C14H30S	9-methyl-1-tridecanethiol	---	7.37512	2140.7332	173.857	161.94	336.66	2
15699	C14H30S	10-methyl-1-tridecanethiol	---	7.35888	2133.6203	173.996	161.54	336.80	2
15700	C14H30S	11-methyl-1-tridecanethiol	---	7.34273	2126.5467	174.135	161.14	336.94	2
15701	C14H30S	12-methyl-1-tridecanethiol	---	7.32668	2119.5120	174.274	160.74	337.09	2
15702	C14H30S	2-methyl-2-tridecanethiol	---	7.26335	2091.7565	174.830	159.14	337.67	2
15703	C14H30S	3-methyl-2-tridecanethiol	---	7.24773	2084.9118	174.969	158.74	337.81	2
15704	C14H30S	4-methyl-2-tridecanethiol	---	7.23221	2078.1042	175.108	158.34	337.96	2
15705	C14H30S	5-methyl-2-tridecanethiol	---	7.21677	2071.3333	175.247	157.94	338.10	2
15706	C14H30S	6-methyl-2-tridecanethiol	---	7.20141	2064.5988	175.386	157.54	338.25	2
15707	C14H30S	7-methyl-2-tridecanethiol	---	7.18614	2057.9005	175.525	157.14	338.40	2
15708	C14H30S	8-methyl-2-tridecanethiol	---	7.17096	2051.2380	175.664	156.74	338.55	2
15709	C14H30S	9-methyl-2-tridecanethiol	---	7.15585	2044.6110	175.803	156.34	338.69	2
15710	C14H30S	10-methyl-2-tridecanethiol	---	7.14083	2038.0193	175.942	155.94	338.84	2
15711	C14H30S	11-methyl-2-tridecanethiol	---	7.12589	2031.4626	176.081	155.54	338.99	2
15712	C14H30S	12-methyl-2-tridecanethiol	---	7.11104	2024.9405	176.220	155.14	339.14	2
15713	C14H30S	2-thiapentadecane	62155-09-3	7.89257	2286.9547	173.854	157.95	311.62	2
15714	C14H30S	3-thiapentadecane	2851-83-4	7.85274	2270.1626	174.132	157.15	311.89	2
15715	C14H30S	4-thiapentadecane	66826-84-4	7.81342	2253.5792	174.410	156.35	312.16	2
15716	C14H30S	5-thiapentadecane	19313-57-6	7.77459	2237.2005	174.688	155.55	312.43	2
15717	C14H30S	6-thiapentadecane	---	7.73625	2221.0228	174.966	154.75	312.70	2
15718	C14H30S	7-thiapentadecane	---	7.69838	2205.0422	175.244	153.95	312.97	2
15719	C14H30S	8-thiapentadecane	629-65-2	7.66099	2189.2551	175.522	153.15	313.24	2
15720	C14H30S	3-methyl-2-thiatetradecane	---	7.51593	2127.9718	176.634	149.95	314.35	2
15721	C14H30S	4-methyl-2-thiatetradecane	---	7.48075	2113.1003	176.912	149.15	314.63	2
15722	C14H30S	5-methyl-2-thiatetradecane	---	7.44599	2098.4023	177.190	148.35	314.91	2
15723	C14H30S	6-methyl-2-thiatetradecane	---	7.41164	2083.8745	177.468	147.55	315.20	2
15724	C14H30S	7-methyl-2-thiatetradecane	---	7.37770	2069.5139	177.746	146.75	315.48	2
15725	C14H30S	8-methyl-2-thiatetradecane	---	7.34416	2055.3177	178.024	145.95	315.77	2
15726	C14H30S	9-methyl-2-thiatetradecane	---	7.31101	2041.2829	178.302	145.15	316.06	2
15727	C14H30S	2-methyl-3-thiatetradecane	---	7.48075	2113.1003	176.912	149.15	314.63	2
15728	C14H30S	4-methyl-3-thiatetradecane	---	7.44599	2098.4023	177.190	148.35	314.91	2
15729	C14H30S	5-methyl-3-thiatetradecane	---	7.41164	2083.8745	177.468	147.55	315.20	2
15730	C14H30S	6-methyl-3-thiatetradecane	---	7.37770	2069.5139	177.746	146.75	315.48	2
15731	C14H30S	7-methyl-3-thiatetradecane	---	7.34416	2055.3177	178.024	145.95	315.77	2
15732	C14H30S	8-methyl-3-thiatetradecane	---	7.31101	2041.2829	178.302	145.15	316.06	2
15733	C14H30S	9-methyl-3-thiatetradecane	---	7.27824	2027.4067	178.580	144.35	316.34	2
15734	C14H30S2	1,14-tetradecanedithiol	---	6.61222	1997.1082	159.448	196.40	422.74	2
15735	C14H30S2	1,12-tetradecanedithiol	---	6.60118	1991.7201	159.587	196.00	422.90	2
15736	C14H30S2	1,11-tetradecanedithiol	---	6.59020	1986.3550	159.726	195.60	423.06	2
15737	C14H30S2	1,10-tetradecanedithiol	---	6.57926	1981.0130	159.865	195.20	423.23	2
15738	C14H30S2	1,9-tetradecanedithiol	---	6.56838	1975.6939	160.004	194.80	423.39	2
15739	C14H30S2	1,8-tetradecanedithiol	---	6.55754	1970.3975	160.143	194.40	423.56	2
15740	C14H30S2	1,7-tetradecanedithiol	---	6.54674	1965.1236	160.282	194.00	423.72	2
15741	C14H30S2	1,6-tetradecanedithiol	---	6.53600	1959.8721	160.421	193.60	423.89	2
15742	C14H30S2	1,5-tetradecanedithiol	---	6.52530	1954.6429	160.560	193.20	424.06	2
15743	C14H30S2	1,4-tetradecanedithiol	---	6.51465	1949.4359	160.699	192.80	424.22	2
15744	C14H30S2	1,3-tetradecanedithiol	---	6.50405	1944.2507	160.838	192.40	424.39	2
15745	C14H30S2	1,2-tetradecanedithiol	---	6.49349	1939.0875	160.977	192.00	424.56	2
15746	C14H30S2	2,3-dithiahexadecane	---	7.36759	2203.0384	165.239	180.74	361.08	2
15747	C14H30S2	3,4-dithiahexadecane	---	7.33624	2188.8858	165.517	179.94	361.37	2
15748	C14H30S2	4,5-dithiahexadecane	---	7.30524	2174.8840	165.795	179.14	361.66	2
15749	C14H30S2	5,6-dithiahexadecane	---	7.27457	2161.0304	166.073	178.34	361.94	2
15750	C14H30S2	6,7-dithiahexadecane	---	7.24423	2147.3227	166.351	177.54	362.24	2
15751	C14H30S2	7,8-dithiahexadecane	---	7.21422	2133.7585	166.629	176.74	362.53	2
15752	C14H30S2	8,9-dithiahexadecane	10496-16-9	7.24707	2151.1481	166.907	177.44	362.25	2
15753	C14H30S2	2,4-dithiahexadecane	---	7.70118	2353.4332	162.459	188.74	358.29	2
15754	C14H30S2	3,5-dithiahexadecane	---	7.66608	2337.6259	162.737	187.94	358.56	2
15755	C14H30S2	4,6-dithiahexadecane	---	7.63138	2321.9971	163.015	187.14	358.84	2
15756	C14H30S2	5,7-dithiahexadecane	---	7.59708	2306.5438	163.293	186.34	359.11	2
15757	C14H30S2	6,8-dithiahexadecane	---	7.56317	2291.2628	163.571	185.54	359.39	2
15758	C14H30S2	7,9-dithiahexadecane	---	7.52965	2276.1514	163.849	184.74	359.67	2
15759	C14H31N	tetradecylamine	2016-42-4	7.70349	2248.9749	175.083	160.41	322.30	1,2
15760	C14H31N	dimethyldodecylamine	112-18-5	8.47438	2428.3974	180.726	144.17	278.11	2

Table 1 Vapor Pressure – Organic Compounds

log ₁₀ P = A - B/(T + C) (P - mmHg, T - C)									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
15761	C14H31N	diethyldecylamine	6308-94-7	7.45480	2016.2759	187.398	124.97	284.47	2
15762	C14H42O5Si6	tetradecamethylhexasiloxane	107-52-8	7.37547	2171.2095	222.314	118.24	295.43	3
15763	C15H10N2O2	diphenylmethane-4,4'-diisocyanate	101-68-8	6.32463	1923.1995	165.068	196.12	446.87	3
15764	C15H11F3O3	2-hydroxy-4'-trifluoromethyl-4-methoxybenzo-pheonone	7396-90-9	10.53610	4753.0000	273.150	225.27	373.14	3
15765	C15H12	1-methylantracene	610-48-0	6.39147	1824.0752	156.532	181.79	411.78	1,2
15766	C15H12	2-methylantracene	613-12-7	6.48620	1855.9790	156.532	181.77	405.15	2
15767	C15H12	9-methylantracene	779-02-2	6.48701	1856.3978	156.532	181.79	405.13	2
15768	C15H12	1-methylphenanthrene	832-69-9	6.90681	2056.8825	157.652	190.57	394.54	3
15769	C15H12	3-methylphenanthrene	832-71-3	6.80547	2009.4714	158.764	187.37	395.78	3
15770	C15H12	4-methylphenanthrene	832-64-4	6.85185	2031.1762	158.250	188.85	395.20	3
15771	C15H12	2-methylphenanthrene	2531-84-2	6.85185	2031.1762	158.250	188.85	395.20	3
15772	C15H14	1,1-diphenyl-1-propene	778-66-5	7.17515	1977.8544	175.722	144.57	319.57	1,2
15773	C15H14	1,2-diphenyl-1-propene	779-51-1	7.06710	1932.1608	176.695	141.77	320.61	1,2
15774	C15H14	1,3-diphenyl-1-propene	5209-18-7	6.77727	1889.6213	172.108	154.97	353.45	1,2
15775	C15H14	2,3-diphenyl-1-propene	948-97-0	7.00244	1922.5349	175.722	144.57	327.48	2
15776	C15H14	trans-a-methylstilbene	833-81-8	7.17557	1985.2326	176.695	144.77	320.39	1,2
15777	C15H14	9-ethylfluorene	2294-82-8	5.34308	1273.3713	186.425	106.77	402.76	3
15778	C15H14	1,9-dimethylfluorene	17057-98-6	5.34308	1273.3713	186.425	106.77	402.76	3
15779	C15H14Cl3O2PS	O,O'-bis(2-chloro-4-methylphenyl)-(chloromethyl)thio-phosphonate	57875-65-7	10.53570	4867.0000	273.150	237.25	388.68	3
15780	C15H15Cl	chlorodi-4-tolylmethane	13389-70-3	9.67010	3929.0000	273.150	180.02	332.41	3
15781	C15H16	1,1-diphenylpropane	1530-03-6	7.34113	2069.7590	185.189	141.21	312.43	1,2
15782	C15H16	1,2-diphenylpropane	5814-85-7	7.28517	2052.2314	185.105	141.41	315.03	1,2
15783	C15H16	1,3-diphenylpropane	1081-75-0	7.20246	2085.6152	182.247	154.01	336.48	1,2
15784	C15H16	2,2-diphenylpropane	778-22-3	7.06195	1954.3665	185.574	136.82	318.11	1,2
15785	C15H16	2-methyl-1,1-diphenylethane	32341-92-7	7.21324	2046.1243	184.090	145.23	323.46	2
15786	C15H16	3-methyl-1,1-diphenylethane	32341-91-6	7.18333	2032.8164	184.280	144.48	323.73	2
15787	C15H16	4-methyl-1,1-diphenylethane	3717-68-8	7.24347	2059.5697	183.900	145.98	323.18	2
15788	C15H16	2-methyl-1,2-diphenylethane	34403-05-9	7.52699	2187.2377	182.570	152.54	320.80	2
15789	C15H16	3-methyl-1,2-diphenylethane	34403-06-0	7.49365	2172.4186	182.760	151.78	321.07	2
15790	C15H16	4-methyl-1,2-diphenylethane	14310-20-4	7.31242	2083.4350	184.280	145.77	320.11	1,2
15791	C15H16	2-ethyldiphenylmethane	28122-25-0	7.24487	2071.1662	183.737	147.92	326.02	1,2
15792	C15H16	3-ethyldiphenylmethane	28122-24-9	7.24473	2073.5062	183.608	148.43	326.74	1,2
15793	C15H16	4-ethyldiphenylmethane	620-85-9	7.24366	2092.3987	182.565	152.56	332.57	1,2
15794	C15H16	2',3'-dimethyldiphenylmethane	62155-16-2	7.51770	2182.8659	182.570	152.34	320.87	2
15795	C15H16	2',4'-dimethyldiphenylmethane	28122-28-3	7.24005	2086.3740	182.760	151.59	331.35	1,2
15796	C15H16	2',5'-dimethyldiphenylmethane	13540-50-6	7.24025	2082.9396	182.950	150.84	330.29	1,2
15797	C15H16	2',6'-dimethyldiphenylmethane	---	7.51770	2182.8659	182.570	152.34	320.87	2
15798	C15H16	3',4'-dimethyldiphenylmethane	13540-56-2	7.55130	2197.7942	182.380	153.09	320.61	2
15799	C15H16	3',5'-dimethyldiphenylmethane	28122-27-2	7.41910	2139.0379	183.140	150.09	321.68	2
15800	C15H16	2',2'-dimethyldiphenylmethane	28122-29-4	7.51770	2182.8659	182.570	152.34	320.87	2
15801	C15H16	2',3'-dimethyldiphenylmethane	21895-13-6	7.45161	2153.4904	182.950	150.84	321.41	2
15802	C15H16	2',4'-dimethyldiphenylmethane	21895-17-0	7.55130	2197.7942	182.380	153.09	320.61	2
15803	C15H16	3',3'-dimethyldiphenylmethane	---	7.41910	2139.0379	183.140	150.09	321.68	2
15804	C15H16	3',4'-dimethyldiphenylmethane	21895-16-9	7.51770	2182.8659	182.570	152.34	320.87	2
15805	C15H16	4',4'-dimethyldiphenylmethane	4957-14-6	7.45992	2174.3904	182.000	154.60	326.26	1,2
15806	C15H16	4-isopropylbiphenyl	7116-95-2	7.13539	1967.4594	176.584	144.09	321.06	1,2
15807	C15H16	2-(1-methylethyl)-1,1'-biphenyl	19486-60-3	7.11957	1910.9561	181.060	131.21	304.23	1,2
15808	C15H16	4-n-propylbiphenyl	10289-45-9	7.09257	1971.8926	174.997	148.66	329.23	2
15809	C15H16	2-propyl-1,1'-biphenyl	20282-28-4	7.12513	1936.3548	179.003	137.13	312.05	1,2
15810	C15H16	isopropylbiphenyl	25640-78-2	7.09257	1971.8926	174.997	148.66	329.23	2
15811	C15H16	dibenzylmethane	25167-94-6	10.03896	3874.9978	273.150	155.55	291.96	3
15812	C15H16O	p-cumylphenol	599-64-4	7.52176	2371.6840	176.035	187.62	370.45	1,2
15813	C15H16O2	bisphenol a	80-05-7	7.13971	1756.3396	51.884	234.18	391.87	1,2
15814	C15H18	2-pentyl-naphthalene	93-22-1	7.55682	2406.1495	206.724	160.25	343.26	1,2
15815	C15H18	1,6-dimethyl-4-isopropyl-naphthalene	483-78-3	6.69311	1829.7772	174.332	147.07	346.78	2
15816	C15H18	1-pentyl-naphthalene	86-89-5	7.55196	2429.2993	216.215	154.56	339.67	1,2
15817	C15H19Cl3O3	heptyl 2,4,5-trichloro-phenoxyacetate	900002-14-4	5.14645	1231.7978	73.760	223.31	553.23	3
15818	C15H20Cl2O3	heptyl 2,4-dichloro-phenoxyacetate	1917-96-0	5.48676	1370.0967	91.040	214.32	503.38	3
15819	C15H20Cl2O3	1-propylbutyl 2,4-dichloro-phenoxyacetate	900002-15-5	6.05691	1977.6847	187.960	203.13	499.91	3
15820	C15H20Cl2O4	(1-methyl-2-butoxy)ethyl 2,4-dichloro-phenoxyacetate	3966-11-8	5.66486	1688.8526	155.230	206.81	524.93	3
15821	C15H22	1-pentyl-[1,2,3,4-tetrahydronaphthalene]	66359-06-6	6.75028	1841.9421	175.547	144.78	340.63	2
15822	C15H22	2-pentyl-[1,2,3,4-tetrahydronaphthalene]	66359-07-7	6.89484	1904.7666	174.054	149.07	338.95	2
15823	C15H22	1-(1,5-dimethyl-4-hexenyl)-4-methylbenzene	644-30-4	7.81307	2220.9619	174.820	151.17	304.74	2
15824	C15H22	5-hexyl-2,3-dihydro-1H-indene	54889-55-3	6.82711	1875.8086	174.861	147.05	339.73	3
15825	C15H22O2	4-octylbenzoic acid	3575-31-3	6.06763	1713.7190	176.320	161.85	417.53	2
15826	C15H22O2	3,5-di-tert-butylbenzoic acid	16225-26-6	6.21399	1783.1591	173.540	168.46	414.55	2
15827	C15H24	nonylbenzene	1081-77-2	7.57757	2261.6145	202.677	141.16	311.83	1,2
15828	C15H24	1,2,4-triisopropylbenzene	948-32-3	7.30535	1912.4262	188.232	115.07	275.55	1,2
15829	C15H24	1,3,5-triisopropylbenzene	717-74-8	7.44184	1933.6503	189.900	110.27	264.01	1,2
15830	C15H24	3,5-di-tert-butyltoluene	15181-11-0	7.30535	1912.4262	188.232	115.07	275.55	1,2
15831	C15H24	cadinene	29350-73-0	8.40412	2862.4905	240.390	146.22	307.74	3
15832	C15H24O	2,6-di-tert-butyl-p-cresol	128-37-0	7.70491	2154.4897	181.560	139.77	294.77	1,2
15833	C15H24O	nonylphenol	25154-52-3	8.71283	2678.1007	167.769	179.46	316.43	2
15834	C15H24O	2,4-di-tert-butyl-5-methylphenol	497-39-2	7.28116	2064.2295	177.668	150.97	325.89	2
15835	C15H24O	2,4-di-tert-butyl-6-methylphenol	616-55-7	6.89323	1896.7481	181.282	140.57	329.78	2
15836	C15H24O	4-nonylphenol	104-40-5	7.73113	2257.7846	174.054	161.37	322.24	2
15837	C15H24O	4-nonylphenol, isomers	84852-15-3	7.73113	2257.7846	174.054	161.37	322.24	3
15838	C15H26O	2-pentadecynal	---	6.56921	1928.6092	169.328	176.97	400.02	3
15839	C15H26O	3-pentadecynal	---	6.56921	1928.6092	169.328	176.97	400.02	3
15840	C15H26O	4-pentadecynal	---	6.56921	1928.6092	169.328	176.97	400.02	3

Table 1 Vapor Pressure – Organic Compounds

log ₁₀ P = A - B/(T + C) (P - mmHg, T - C)									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
15841	C15H26O	5-pentadecynal	---	6.56921	1928.6092	169.328	176.97	400.02	3
15842	C15H26O	6-pentadecynal	---	6.56921	1928.6092	169.328	176.97	400.02	3
15843	C15H26O	7-pentadecynal	---	6.56921	1928.6092	169.328	176.97	400.02	3
15844	C15H26O	8-pentadecynal	---	6.56921	1928.6092	169.328	176.97	400.02	3
15845	C15H26O	9-pentadecynal	---	6.56921	1928.6092	169.328	176.97	400.02	3
15846	C15H26O	10-pentadecynal	---	6.56921	1928.6092	169.328	176.97	400.02	3
15847	C15H26O	11-pentadecynal	---	6.56921	1928.6092	169.328	176.97	400.02	3
15848	C15H26O	12-pentadecynal	---	6.56921	1928.6092	169.328	176.97	400.02	3
15849	C15H26O	13-pentadecynal	---	6.56921	1928.6092	169.328	176.97	400.02	3
15850	C15H26O	14-pentadecynal	---	6.56921	1928.6092	169.328	176.97	400.02	3
15851	C15H26O	2-methyl-13-tetradecynal	---	6.35617	1826.8733	172.108	168.97	403.41	3
15852	C15H26O	3-methyl-13-tetradecynal	---	6.35617	1826.8733	172.108	168.97	403.41	3
15853	C15H26O	4-methyl-13-tetradecynal	---	6.35617	1826.8733	172.108	168.97	403.41	3
15854	C15H26O	5-methyl-13-tetradecynal	---	6.35617	1826.8733	172.108	168.97	403.41	3
15855	C15H26O	6-methyl-13-tetradecynal	---	6.35617	1826.8733	172.108	168.97	403.41	3
15856	C15H26O	7-methyl-13-tetradecynal	---	6.35617	1826.8733	172.108	168.97	403.41	3
15857	C15H26O	8-methyl-13-tetradecynal	---	6.35617	1826.8733	172.108	168.97	403.41	3
15858	C15H26O	9-methyl-13-tetradecynal	---	6.35617	1826.8733	172.108	168.97	403.41	3
15859	C15H26O	10-methyl-13-tetradecynal	---	6.35617	1826.8733	172.108	168.97	403.41	3
15860	C15H26O	11-methyl-13-tetradecynal	---	6.35617	1826.8733	172.108	168.97	403.41	3
15861	C15H26O	12-methyl-13-tetradecynal	---	6.35617	1826.8733	172.108	168.97	403.41	3
15862	C15H26O	4-methyl-2-tetradecynal	---	6.35617	1826.8733	172.108	168.97	403.41	3
15863	C15H26O	5-methyl-2-tetradecynal	---	6.35617	1826.8733	172.108	168.97	403.41	3
15864	C15H26O	6-methyl-2-tetradecynal	---	6.35617	1826.8733	172.108	168.97	403.41	3
15865	C15H26O	7-methyl-2-tetradecynal	---	6.35617	1826.8733	172.108	168.97	403.41	3
15866	C15H26O	8-methyl-2-tetradecynal	---	6.35617	1826.8733	172.108	168.97	403.41	3
15867	C15H26O	9-methyl-2-tetradecynal	---	6.35617	1826.8733	172.108	168.97	403.41	3
15868	C15H26O	10-methyl-2-tetradecynal	---	6.35617	1826.8733	172.108	168.97	403.41	3
15869	C15H26O	11-methyl-2-tetradecynal	---	6.35617	1826.8733	172.108	168.97	403.41	3
15870	C15H26O	12-methyl-2-tetradecynal	---	6.35617	1826.8733	172.108	168.97	403.41	3
15871	C15H26O	13-methyl-2-tetradecynal	---	6.35617	1826.8733	172.108	168.97	403.41	3
15872	C15H26O2	2-pentadecynoic acid	---	7.71391	2623.3523	145.663	245	433	3
15873	C15H26O2	3-pentadecynoic acid	---	7.71391	2623.3523	145.663	245	433	3
15874	C15H26O2	4-pentadecynoic acid	---	7.71391	2623.3523	145.663	245	433	3
15875	C15H26O2	5-pentadecynoic acid	---	7.71391	2623.3523	145.663	245	433	3
15876	C15H26O2	6-pentadecynoic acid	---	7.71391	2623.3523	145.663	245	433	3
15877	C15H26O2	7-pentadecynoic acid	---	7.71391	2623.3523	145.663	245	433	3
15878	C15H26O2	8-pentadecynoic acid	---	7.71391	2623.3523	145.663	245	433	3
15879	C15H26O2	9-pentadecynoic acid	---	7.71391	2623.3523	145.663	245	433	3
15880	C15H26O2	10-pentadecynoic acid	---	7.71391	2623.3523	145.663	245	433	3
15881	C15H26O2	11-pentadecynoic acid	---	7.71391	2623.3523	145.663	245	433	3
15882	C15H26O2	12-pentadecynoic acid	---	7.71391	2623.3523	145.663	245	433	3
15883	C15H26O2	13-pentadecynoic acid	---	7.71391	2623.3523	145.663	245	433	3
15884	C15H26O2	14-pentadecynoic acid	---	7.71391	2623.3523	145.663	245	433	3
15885	C15H26O2	4-methyl-2-tetradecynoic acid	---	7.71391	2623.3523	145.663	245	433	3
15886	C15H26O2	5-methyl-2-tetradecynoic acid	---	7.71391	2623.3523	145.663	245	433	3
15887	C15H26O2	6-methyl-2-tetradecynoic acid	---	7.71391	2623.3523	145.663	245	433	3
15888	C15H26O2	7-methyl-2-tetradecynoic acid	---	7.71391	2623.3523	145.663	245	433	3
15889	C15H26O2	8-methyl-2-tetradecynoic acid	---	7.71391	2623.3523	145.663	245	433	3
15890	C15H26O2	9-methyl-2-tetradecynoic acid	---	7.71391	2623.3523	145.663	245	433	3
15891	C15H26O2	10-methyl-2-tetradecynoic acid	---	7.71391	2623.3523	145.663	245	433	3
15892	C15H26O2	11-methyl-2-tetradecynoic acid	---	7.71391	2623.3523	145.663	245	433	3
15893	C15H26O2	12-methyl-2-tetradecynoic acid	---	7.71391	2623.3523	145.663	245	433	3
15894	C15H26O2	13-methyl-2-tetradecynoic acid	---	7.71391	2623.3523	145.663	245	433	3
15895	C15H26O2	2-methyl-3-tetradecynoic acid	---	7.71391	2623.3523	145.663	245	433	3
15896	C15H26O2	5-methyl-3-tetradecynoic acid	---	7.71391	2623.3523	145.663	245	433	3
15897	C15H26O2	6-methyl-3-tetradecynoic acid	---	7.71391	2623.3523	145.663	245	433	3
15898	C15H26O2	7-methyl-3-tetradecynoic acid	---	7.71391	2623.3523	145.663	245	433	3
15899	C15H26O2	8-methyl-3-tetradecynoic acid	---	7.71391	2623.3523	145.663	245	433	3
15900	C15H26O2	9-methyl-3-tetradecynoic acid	---	7.71391	2623.3523	145.663	245	433	3
15901	C15H26O2	10-methyl-3-tetradecynoic acid	---	7.71391	2623.3523	145.663	245	433	3
15902	C15H26O2	11-methyl-3-tetradecynoic acid	---	7.71391	2623.3523	145.663	245	433	3
15903	C15H26O2	12-methyl-3-tetradecynoic acid	---	7.71391	2623.3523	145.663	245	433	3
15904	C15H26O2	13-methyl-3-tetradecynoic acid	---	7.71391	2623.3523	145.663	245	433	3
15905	C15H26O2	2-methyl-4-tetradecynoic acid	---	7.71391	2623.3523	145.663	245	433	3
15906	C15H26O2	3-methyl-4-tetradecynoic acid	---	7.71391	2623.3523	145.663	245	433	3
15907	C15H26O2	6-methyl-4-tetradecynoic acid	---	7.71391	2623.3523	145.663	245	433	3
15908	C15H26O2	7-methyl-4-tetradecynoic acid	---	7.71391	2623.3523	145.663	245	433	3
15909	C15H26O2	8-methyl-4-tetradecynoic acid	---	7.71391	2623.3523	145.663	245	433	3
15910	C15H26O2	9-methyl-4-tetradecynoic acid	---	7.71391	2623.3523	145.663	245	433	3
15911	C15H26O2	10-methyl-4-tetradecynoic acid	---	7.71391	2623.3523	145.663	245	433	3
15912	C15H26O2	11-methyl-4-tetradecynoic acid	---	7.71391	2623.3523	145.663	245	433	3
15913	C15H26O2	12-methyl-4-tetradecynoic acid	---	7.71391	2623.3523	145.663	245	433	3
15914	C15H26O2	13-methyl-4-tetradecynoic acid	---	7.71391	2623.3523	145.663	245	433	3
15915	C15H26O2	4-ethyl-2-tridecynoic acid	---	7.71391	2623.3523	145.663	245	433	3
15916	C15H26O2	5-ethyl-2-tridecynoic acid	---	7.71391	2623.3523	145.663	245	433	3
15917	C15H26O2	6-ethyl-2-tridecynoic acid	---	7.71391	2623.3523	145.663	245	433	3
15918	C15H26O2	7-ethyl-2-tridecynoic acid	---	7.71391	2623.3523	145.663	245	433	3
15919	C15H26O2	8-ethyl-2-tridecynoic acid	---	7.71391	2623.3523	145.663	245	433	3
15920	C15H26O2	9-ethyl-2-tridecynoic acid	---	7.71391	2623.3523	145.663	245	433	3

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mmHg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
15921	C15H26O2	10-ethyl-2-tridecynoic acid	---	7.71391	2623.3523	145.663	245	433	3
15922	C15H26O2	11-ethyl-2-tridecynoic acid	---	7.71391	2623.3523	145.663	245	433	3
15923	C15H26O2	12-ethyl-2-tridecynoic acid	---	7.71391	2623.3523	145.663	245	433	3
15924	C15H26S	2-undecylthiophene	---	7.27335	2099.0645	171.830	162.77	341.20	2
15925	C15H26S	3-undecylthiophene	---	7.33682	2126.9167	171.274	164.37	340.62	2
15926	C15H26S	2-isoundecylthiophene	---	7.12071	2032.0167	173.220	158.77	342.67	2
15927	C15H26S	3-isoundecylthiophene	---	7.18076	2058.4052	172.664	160.37	342.08	2
15928	C15H26S	2-sec-undecylthiophene	---	6.97615	1968.4246	174.610	154.77	344.17	2
15929	C15H26S	3-sec-undecylthiophene	---	7.03304	1993.4645	174.054	156.37	343.57	2
15930	C15H26S	2-tert-undecylthiophene	---	6.83903	1908.0210	176.000	150.77	345.72	2
15931	C15H26S	3-tert-undecylthiophene	---	6.89302	1931.8158	175.444	152.37	345.10	2
15932	C15H26S	2-methyl-3-decylthiophene	---	7.30491	2112.9143	171.552	163.57	340.91	2
15933	C15H26S	2-methyl-4-decyl thiophene	---	7.33682	2126.9167	171.274	164.37	340.62	2
15934	C15H26S	2-methyl-5-decyl thiophene	---	7.36909	2141.0743	170.996	165.17	340.34	2
15935	C15H26S	3-methyl-2-decylthiophene	---	7.36909	2141.0743	170.996	165.17	340.34	2
15936	C15H26S	3-methyl-4-decyl thiophene	---	7.40174	2155.3897	170.718	165.97	340.05	2
15937	C15H26S	3-methyl-5-decylthiophene	---	7.43475	2169.8656	170.440	166.77	339.77	2
15938	C15H28	1,1-dicyclohexylpropane	54934-91-7	6.92221	1862.2560	177.235	137.22	320.65	1,2
15939	C15H28	1,2-dicyclohexylpropane	41851-34-7	6.92195	1865.0782	176.973	137.97	321.70	1,2
15940	C15H28	1,3-dicyclohexylpropane	3178-24-3	6.92633	1888.1133	175.027	143.57	329.21	1,2
15941	C15H28	2,2-dicyclohexylpropane	54934-90-6	6.91822	1868.5390	176.556	139.17	323.54	1,2
15942	C15H28	1-decylcyclopentene	62184-75-2	7.30042	2013.1096	187.890	131.63	300.90	2
15943	C15H28	1-pentadecyne	765-13-9	7.60887	2123.6647	181.558	139.78	298.15	2
15944	C15H28	2-pentadecyne	52112-25-1	8.09200	2323.2997	178.224	149.37	294.94	2
15945	C15H28	3-pentadecyne	61886-61-1	7.72244	2170.6495	180.726	142.17	297.33	2
15946	C15H28	4-pentadecyne	---	7.76139	2186.7572	180.448	142.97	297.06	2
15947	C15H28	5-pentadecyne	---	7.80085	2203.0686	180.170	143.77	296.79	2
15948	C15H28	6-pentadecyne	---	7.84082	2219.5877	179.892	144.57	296.52	2
15949	C15H28	7-pentadecyne	---	7.88131	2236.3185	179.614	145.37	296.25	2
15950	C15H28	3-methyl-1-tetradecyne	---	7.60850	2123.5104	181.560	139.77	298.15	2
15951	C15H28	4-methyl-1-tetradecyne	---	7.60850	2123.5104	181.560	139.77	298.15	2
15952	C15H28	5-methyl-1-tetradecyne	---	7.60850	2123.5104	181.560	139.77	298.15	2
15953	C15H28	6-methyl-1-tetradecyne	---	7.60850	2123.5104	181.560	139.77	298.15	2
15954	C15H28	7-methyl-1-tetradecyne	---	7.60850	2123.5104	181.560	139.77	298.15	2
15955	C15H28	8-methyl-1-tetradecyne	---	7.60850	2123.5104	181.560	139.77	298.15	2
15956	C15H28	9-methyl-1-tetradecyne	---	7.60850	2123.5104	181.560	139.77	298.15	2
15957	C15H28	10-methyl-1-tetradecyne	---	7.60850	2123.5104	181.560	139.77	298.15	2
15958	C15H28	11-methyl-1-tetradecyne	---	7.60850	2123.5104	181.560	139.77	298.15	2
15959	C15H28	12-methyl-1-tetradecyne	---	7.60850	2123.5104	181.560	139.77	298.15	2
15960	C15H28	13-methyl-1-tetradecyne	---	7.60850	2123.5104	181.560	139.77	298.15	2
15961	C15H28	4-methyl-2-tetradecyne	---	7.60850	2123.5104	181.560	139.77	298.15	2
15962	C15H28	5-methyl-2-tetradecyne	---	7.60850	2123.5104	181.560	139.77	298.15	2
15963	C15H28	6-methyl-2-tetradecyne	---	7.60850	2123.5104	181.560	139.77	298.15	2
15964	C15H28	7-methyl-2-tetradecyne	---	7.60850	2123.5104	181.560	139.77	298.15	2
15965	C15H28	8-methyl-2-tetradecyne	---	7.60850	2123.5104	181.560	139.77	298.15	2
15966	C15H28	9-methyl-2-tetradecyne	---	7.60850	2123.5104	181.560	139.77	298.15	2
15967	C15H28	10-methyl-2-tetradecyne	---	7.60850	2123.5104	181.560	139.77	298.15	2
15968	C15H28	11-methyl-2-tetradecyne	---	7.60850	2123.5104	181.560	139.77	298.15	2
15969	C15H28	12-methyl-2-tetradecyne	---	7.60850	2123.5104	181.560	139.77	298.15	2
15970	C15H28	13-methyl-2-tetradecyne	---	7.60850	2123.5104	181.560	139.77	298.15	2
15971	C15H28	5-methyl-3-tetradecyne	---	7.60850	2123.5104	181.560	139.77	298.15	2
15972	C15H28	6-methyl-3-tetradecyne	---	7.60850	2123.5104	181.560	139.77	298.15	2
15973	C15H28	7-methyl-3-tetradecyne	---	7.60850	2123.5104	181.560	139.77	298.15	2
15974	C15H28	8-methyl-3-tetradecyne	---	7.60850	2123.5104	181.560	139.77	298.15	2
15975	C15H28	9-methyl-3-tetradecyne	---	7.60850	2123.5104	181.560	139.77	298.15	2
15976	C15H28	10-methyl-3-tetradecyne	---	7.60850	2123.5104	181.560	139.77	298.15	2
15977	C15H28	11-methyl-3-tetradecyne	---	7.60850	2123.5104	181.560	139.77	298.15	2
15978	C15H28	12-methyl-3-tetradecyne	---	7.60850	2123.5104	181.560	139.77	298.15	2
15979	C15H28	13-methyl-3-tetradecyne	---	7.60850	2123.5104	181.560	139.77	298.15	2
15980	C15H28	3,3-dimethyl-1-tridecyne	---	7.35858	2019.9705	183.506	134.17	300.12	2
15981	C15H28	3,4-dimethyl-1-tridecyne	---	7.35858	2019.9705	183.506	134.17	300.12	2
15982	C15H28	3,5-dimethyl-1-tridecyne	---	7.35858	2019.9705	183.506	134.17	300.12	2
15983	C15H28	3,6-dimethyl-1-tridecyne	---	7.35858	2019.9705	183.506	134.17	300.12	2
15984	C15H28	3,7-dimethyl-1-tridecyne	---	7.35858	2019.9705	183.506	134.17	300.12	2
15985	C15H28	3,8-dimethyl-1-tridecyne	---	7.35858	2019.9705	183.506	134.17	300.12	2
15986	C15H28	3,9-dimethyl-1-tridecyne	---	7.35858	2019.9705	183.506	134.17	300.12	2
15987	C15H28	3,10-dimethyl-1-tridecyne	---	7.35858	2019.9705	183.506	134.17	300.12	2
15988	C15H28	3,11-dimethyl-1-tridecyne	---	7.35858	2019.9705	183.506	134.17	300.12	2
15989	C15H28	3,12-dimethyl-1-tridecyne	---	7.35858	2019.9705	183.506	134.17	300.12	2
15990	C15H28	4,4-dimethyl-2-tridecyne	---	7.35858	2019.9705	183.506	134.17	300.12	2
15991	C15H28	4,5-dimethyl-2-tridecyne	---	7.35858	2019.9705	183.506	134.17	300.12	2
15992	C15H28	4,6-dimethyl-2-tridecyne	---	7.35858	2019.9705	183.506	134.17	300.12	2
15993	C15H28	4,7-dimethyl-2-tridecyne	---	7.35858	2019.9705	183.506	134.17	300.12	2
15994	C15H28	4,8-dimethyl-2-tridecyne	---	7.35858	2019.9705	183.506	134.17	300.12	2
15995	C15H28	4,9-dimethyl-2-tridecyne	---	7.35858	2019.9705	183.506	134.17	300.12	2
15996	C15H28	4,10-dimethyl-2-tridecyne	---	7.35858	2019.9705	183.506	134.17	300.12	2
15997	C15H28	4,11-dimethyl-2-tridecyne	---	7.35858	2019.9705	183.506	134.17	300.12	2
15998	C15H28	4,12-dimethyl-2-tridecyne	---	7.35858	2019.9705	183.506	134.17	300.12	2
15999	C15H28	3-ethyl-1-tridecyne	---	7.60850	2123.5104	181.560	139.77	298.15	2
16000	C15H28	4-ethyl-1-tridecyne	---	7.60850	2123.5104	181.560	139.77	298.15	2

Table 1 Vapor Pressure – Organic Compounds

			log ₁₀ P = A - B/(T + C)	(P - mm Hg, T - C)					
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
16001	C15H28	5-ethyl-1-tridecyne	---	7.60850	2123.5104	181.560	139.77	298.15	2
16002	C15H28	6-ethyl-1-tridecyne	---	7.60850	2123.5104	181.560	139.77	298.15	2
16003	C15H28	7-ethyl-1-tridecyne	---	7.60850	2123.5104	181.560	139.77	298.15	2
16004	C15H28	8-ethyl-1-tridecyne	---	7.60850	2123.5104	181.560	139.77	298.15	2
16005	C15H28	9-ethyl-1-tridecyne	---	7.60850	2123.5104	181.560	139.77	298.15	2
16006	C15H28	10-ethyl-1-tridecyne	---	7.60850	2123.5104	181.560	139.77	298.15	2
16007	C15H28	11-ethyl-1-tridecyne	---	7.60850	2123.5104	181.560	139.77	298.15	2
16008	C15H28	12-ethyl-1-tridecyne	---	7.60850	2123.5104	181.560	139.77	298.15	2
16009	C15H28Cl4	1,1,1,15-tetrachloro-pentadecane	3922-32-5	12.42109	5411.2670	274.049	199.75	311.63	3
16010	C15H28O	2-pentadecyn-1-ol	---	7.95607	2530.0659	162.712	201	367	3
16011	C15H28O	3-pentadecyn-1-ol	---	7.95607	2530.0659	162.712	201	367	3
16012	C15H28O	4-pentadecyn-1-ol	---	7.95607	2530.0659	162.712	201	367	3
16013	C15H28O	5-pentadecyn-1-ol	---	7.95607	2530.0659	162.712	201	367	3
16014	C15H28O	6-pentadecyn-1-ol	---	7.95607	2530.0659	162.712	201	367	3
16015	C15H28O	7-pentadecyn-1-ol	---	7.95607	2530.0659	162.712	201	367	3
16016	C15H28O	8-pentadecyn-1-ol	---	7.95607	2530.0659	162.712	201	367	3
16017	C15H28O	9-pentadecyn-1-ol	---	7.95607	2530.0659	162.712	201	367	3
16018	C15H28O	10-pentadecyn-1-ol	---	7.95607	2530.0659	162.712	201	367	3
16019	C15H28O	11-pentadecyn-1-ol	---	7.95607	2530.0659	162.712	201	367	3
16020	C15H28O	12-pentadecyn-1-ol	---	7.95607	2530.0659	162.712	201	367	3
16021	C15H28O	13-pentadecyn-1-ol	---	7.95607	2530.0659	162.712	201	367	3
16022	C15H28O	14-pentadecyn-1-ol	---	7.95607	2530.0659	162.712	201	367	3
16023	C15H28O	3-pentadecyn-2-ol	---	7.95607	2530.0659	162.712	201	367	3
16024	C15H28O	4-pentadecyn-2-ol	---	7.95607	2530.0659	162.712	201	367	3
16025	C15H28O	5-pentadecyn-2-ol	---	7.95607	2530.0659	162.712	201	367	3
16026	C15H28O	6-pentadecyn-2-ol	---	7.95607	2530.0659	162.712	201	367	3
16027	C15H28O	7-pentadecyn-2-ol	---	7.95607	2530.0659	162.712	201	367	3
16028	C15H28O	8-pentadecyn-2-ol	---	7.95607	2530.0659	162.712	201	367	3
16029	C15H28O	9-pentadecyn-2-ol	---	7.95607	2530.0659	162.712	201	367	3
16030	C15H28O	10-pentadecyn-2-ol	---	7.95607	2530.0659	162.712	201	367	3
16031	C15H28O	11-pentadecyn-2-ol	---	7.95607	2530.0659	162.712	201	367	3
16032	C15H28O	12-pentadecyn-2-ol	---	7.95607	2530.0659	162.712	201	367	3
16033	C15H28O	13-pentadecyn-2-ol	---	7.95607	2530.0659	162.712	201	367	3
16034	C15H28O	14-pentadecyn-2-ol	---	7.95607	2530.0659	162.712	201	367	3
16035	C15H28O	4-pentadecyn-3-ol	---	7.95607	2530.0659	162.712	201	367	3
16036	C15H28O	5-pentadecyn-3-ol	---	7.95607	2530.0659	162.712	201	367	3
16037	C15H28O	6-pentadecyn-3-ol	---	7.95607	2530.0659	162.712	201	367	3
16038	C15H28O	7-pentadecyn-3-ol	---	7.95607	2530.0659	162.712	201	367	3
16039	C15H28O	8-pentadecyn-3-ol	---	7.95607	2530.0659	162.712	201	367	3
16040	C15H28O	9-pentadecyn-3-ol	---	7.95607	2530.0659	162.712	201	367	3
16041	C15H28O	10-pentadecyn-3-ol	---	7.95607	2530.0659	162.712	201	367	3
16042	C15H28O	11-pentadecyn-3-ol	---	7.95607	2530.0659	162.712	201	367	3
16043	C15H28O	12-pentadecyn-3-ol	---	7.95607	2530.0659	162.712	201	367	3
16044	C15H28O	13-pentadecyn-3-ol	---	7.95607	2530.0659	162.712	201	367	3
16045	C15H28O	14-pentadecyn-3-ol	---	7.95607	2530.0659	162.712	201	367	3
16046	C15H28O	5-pentadecyn-4-ol	---	7.95607	2530.0659	162.712	201	367	3
16047	C15H28O	6-pentadecyn-4-ol	---	7.95607	2530.0659	162.712	201	367	3
16048	C15H28O	7-pentadecyn-4-ol	---	7.95607	2530.0659	162.712	201	367	3
16049	C15H28O	8-pentadecyn-4-ol	---	7.95607	2530.0659	162.712	201	367	3
16050	C15H28O	9-pentadecyn-4-ol	---	7.95607	2530.0659	162.712	201	367	3
16051	C15H28O	10-pentadecyn-4-ol	---	7.95607	2530.0659	162.712	201	367	3
16052	C15H28O	11-pentadecyn-4-ol	---	7.95607	2530.0659	162.712	201	367	3
16053	C15H28O	12-pentadecyn-4-ol	---	7.95607	2530.0659	162.712	201	367	3
16054	C15H28O	13-pentadecyn-4-ol	---	7.95607	2530.0659	162.712	201	367	3
16055	C15H28O	14-pentadecyn-4-ol	---	7.95607	2530.0659	162.712	201	367	3
16056	C15H28O	6-pentadecyn-5-ol	---	7.95607	2530.0659	162.712	201	367	3
16057	C15H28O	7-pentadecyn-5-ol	---	7.95607	2530.0659	162.712	201	367	3
16058	C15H28O	8-pentadecyn-5-ol	---	7.95607	2530.0659	162.712	201	367	3
16059	C15H28O	9-pentadecyn-5-ol	---	7.95607	2530.0659	162.712	201	367	3
16060	C15H28O	10-pentadecyn-5-ol	---	7.95607	2530.0659	162.712	201	367	3
16061	C15H28O	11-pentadecyn-5-ol	---	7.95607	2530.0659	162.712	201	367	3
16062	C15H28O	12-pentadecyn-5-ol	---	7.95607	2530.0659	162.712	201	367	3
16063	C15H28O	13-pentadecyn-5-ol	---	7.95607	2530.0659	162.712	201	367	3
16064	C15H28O	14-pentadecyn-5-ol	---	7.95607	2530.0659	162.712	201	367	3
16065	C15H28O	1-methyl-2-tetradecyn-1-ol	---	7.95607	2530.0659	162.712	201	367	3
16066	C15H28O	4-methyl-2-tetradecyn-1-ol	---	7.95607	2530.0659	162.712	201	367	3
16067	C15H28O	5-methyl-2-tetradecyn-1-ol	---	7.95607	2530.0659	162.712	201	367	3
16068	C15H28O	6-methyl-2-tetradecyn-1-ol	---	7.95607	2530.0659	162.712	201	367	3
16069	C15H28O	7-methyl-2-tetradecyn-1-ol	---	7.95607	2530.0659	162.712	201	367	3
16070	C15H28O	8-methyl-2-tetradecyn-1-ol	---	7.95607	2530.0659	162.712	201	367	3
16071	C15H28O	9-methyl-2-tetradecyn-1-ol	---	7.95607	2530.0659	162.712	201	367	3
16072	C15H28O	10-methyl-2-tetradecyn-1-ol	---	7.95607	2530.0659	162.712	201	367	3
16073	C15H28O	11-methyl-2-tetradecyn-1-ol	---	7.95607	2530.0659	162.712	201	367	3
16074	C15H28O	12-methyl-2-tetradecyn-1-ol	---	7.95607	2530.0659	162.712	201	367	3
16075	C15H28O	13-methyl-2-tetradecyn-1-ol	---	7.95607	2530.0659	162.712	201	367	3
16076	C15H28O	1-methyl-3-tetradecyn-1-ol	---	7.95607	2530.0659	162.712	201	367	3
16077	C15H28O	2-methyl-3-tetradecyn-1-ol	---	7.95607	2530.0659	162.712	201	367	3
16078	C15H28O	5-methyl-3-tetradecyn-1-ol	---	7.95607	2530.0659	162.712	201	367	3
16079	C15H28O	6-methyl-3-tetradecyn-1-ol	---	7.95607	2530.0659	162.712	201	367	3
16080	C15H28O	7-methyl-3-tetradecyn-1-ol	---	7.95607	2530.0659	162.712	201	367	3

Table 1 Vapor Pressure – Organic Compounds

			log ₁₀ P = A - B/(T + C)		(P - mm Hg, T - C)				
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
16081	C15H28O	8-methyl-3-tetradecyn-1-ol	---	7.95607	2530.0659	162.712	201	367	3
16082	C15H28O	9-methyl-3-tetradecyn-1-ol	---	7.95607	2530.0659	162.712	201	367	3
16083	C15H28O	10-methyl-3-tetradecyn-1-ol	---	7.95607	2530.0659	162.712	201	367	3
16084	C15H28O	11-methyl-3-tetradecyn-1-ol	---	7.95607	2530.0659	162.712	201	367	3
16085	C15H28O	12-methyl-3-tetradecyn-1-ol	---	7.95607	2530.0659	162.712	201	367	3
16086	C15H28O	13-methyl-3-tetradecyn-1-ol	---	7.95607	2530.0659	162.712	201	367	3
16087	C15H28O	1-methyl-4-tetradecyn-1-ol	---	7.95607	2530.0659	162.712	201	367	3
16088	C15H28O	2-methyl-4-tetradecyn-1-ol	---	7.95607	2530.0659	162.712	201	367	3
16089	C15H28O	3-methyl-4-tetradecyn-1-ol	---	7.95607	2530.0659	162.712	201	367	3
16090	C15H28O	6-methyl-4-tetradecyn-1-ol	---	7.95607	2530.0659	162.712	201	367	3
16091	C15H28O	7-methyl-4-tetradecyn-1-ol	---	7.95607	2530.0659	162.712	201	367	3
16092	C15H28O	8-methyl-4-tetradecyn-1-ol	---	7.95607	2530.0659	162.712	201	367	3
16093	C15H28O	9-methyl-4-tetradecyn-1-ol	---	7.95607	2530.0659	162.712	201	367	3
16094	C15H28O	10-methyl-4-tetradecyn-1-ol	---	7.95607	2530.0659	162.712	201	367	3
16095	C15H28O	11-methyl-4-tetradecyn-1-ol	---	7.95607	2530.0659	162.712	201	367	3
16096	C15H28O	12-methyl-4-tetradecyn-1-ol	---	7.95607	2530.0659	162.712	201	367	3
16097	C15H28O	13-methyl-4-tetradecyn-1-ol	---	7.95607	2530.0659	162.712	201	367	3
16098	C15H28O	1-methyl-5-tetradecyn-1-ol	---	7.95607	2530.0659	162.712	201	367	3
16099	C15H28O	2-methyl-5-tetradecyn-1-ol	---	7.95607	2530.0659	162.712	201	367	3
16100	C15H28O	3-methyl-5-tetradecyn-1-ol	---	7.95607	2530.0659	162.712	201	367	3
16101	C15H28O	4-methyl-5-tetradecyn-1-ol	---	7.95607	2530.0659	162.712	201	367	3
16102	C15H28O	7-methyl-5-tetradecyn-1-ol	---	7.95607	2530.0659	162.712	201	367	3
16103	C15H28O	8-methyl-5-tetradecyn-1-ol	---	7.95607	2530.0659	162.712	201	367	3
16104	C15H28O	9-methyl-5-tetradecyn-1-ol	---	7.95607	2530.0659	162.712	201	367	3
16105	C15H28O	10-methyl-5-tetradecyn-1-ol	---	7.95607	2530.0659	162.712	201	367	3
16106	C15H28O	11-methyl-5-tetradecyn-1-ol	---	7.95607	2530.0659	162.712	201	367	3
16107	C15H28O	12-methyl-5-tetradecyn-1-ol	---	7.95607	2530.0659	162.712	201	367	3
16108	C15H28O	13-methyl-5-tetradecyn-1-ol	---	7.95607	2530.0659	162.712	201	367	3
16109	C15H28O	1-methyl-6-tetradecyn-1-ol	---	7.95607	2530.0659	162.712	201	367	3
16110	C15H28O	2-methyl-6-tetradecyn-1-ol	---	7.95607	2530.0659	162.712	201	367	3
16111	C15H28O	3-methyl-6-tetradecyn-1-ol	---	7.95607	2530.0659	162.712	201	367	3
16112	C15H28O	4-methyl-6-tetradecyn-1-ol	---	7.95607	2530.0659	162.712	201	367	3
16113	C15H28O	5-methyl-6-tetradecyn-1-ol	---	7.95607	2530.0659	162.712	201	367	3
16114	C15H28O	8-methyl-6-tetradecyn-1-ol	---	7.95607	2530.0659	162.712	201	367	3
16115	C15H28O	9-methyl-6-tetradecyn-1-ol	---	7.95607	2530.0659	162.712	201	367	3
16116	C15H28O	10-methyl-6-tetradecyn-1-ol	---	7.95607	2530.0659	162.712	201	367	3
16117	C15H28O	11-methyl-6-tetradecyn-1-ol	---	7.95607	2530.0659	162.712	201	367	3
16118	C15H28O	12-methyl-6-tetradecyn-1-ol	---	7.95607	2530.0659	162.712	201	367	3
16119	C15H28O	13-methyl-6-tetradecyn-1-ol	---	7.95607	2530.0659	162.712	201	367	3
16120	C15H28O	1-methyl-7-tetradecyn-1-ol	---	7.95607	2530.0659	162.712	201	367	3
16121	C15H28O	2-methyl-7-tetradecyn-1-ol	---	7.95607	2530.0659	162.712	201	367	3
16122	C15H28O	3-methyl-7-tetradecyn-1-ol	---	7.95607	2530.0659	162.712	201	367	3
16123	C15H28O	4-methyl-7-tetradecyn-1-ol	---	7.95607	2530.0659	162.712	201	367	3
16124	C15H28O	5-methyl-7-tetradecyn-1-ol	---	7.95607	2530.0659	162.712	201	367	3
16125	C15H28O	6-methyl-7-tetradecyn-1-ol	---	7.95607	2530.0659	162.712	201	367	3
16126	C15H28O	1-methyl-8-tetradecyn-1-ol	---	7.95607	2530.0659	162.712	201	367	3
16127	C15H28O	2-methyl-8-tetradecyn-1-ol	---	7.95607	2530.0659	162.712	201	367	3
16128	C15H28O	3-methyl-8-tetradecyn-1-ol	---	7.95607	2530.0659	162.712	201	367	3
16129	C15H28O	4-methyl-8-tetradecyn-1-ol	---	7.95607	2530.0659	162.712	201	367	3
16130	C15H28O	5-methyl-8-tetradecyn-1-ol	---	7.95607	2530.0659	162.712	201	367	3
16131	C15H28O	6-methyl-8-tetradecyn-1-ol	---	7.95607	2530.0659	162.712	201	367	3
16132	C15H28O	7-methyl-8-tetradecyn-1-ol	---	7.95607	2530.0659	162.712	201	367	3
16133	C15H28O	1-methyl-9-tetradecyn-1-ol	---	7.95607	2530.0659	162.712	201	367	3
16134	C15H28O	2-methyl-9-tetradecyn-1-ol	---	7.95607	2530.0659	162.712	201	367	3
16135	C15H28O	3-methyl-9-tetradecyn-1-ol	---	7.95607	2530.0659	162.712	201	367	3
16136	C15H28O	4-methyl-9-tetradecyn-1-ol	---	7.95607	2530.0659	162.712	201	367	3
16137	C15H28O	5-methyl-9-tetradecyn-1-ol	---	7.95607	2530.0659	162.712	201	367	3
16138	C15H28O	6-methyl-9-tetradecyn-1-ol	---	7.95607	2530.0659	162.712	201	367	3
16139	C15H28O	7-methyl-9-tetradecyn-1-ol	---	7.95607	2530.0659	162.712	201	367	3
16140	C15H28O	1-methyl-10-tetradecyn-1-ol	---	7.95607	2530.0659	162.712	201	367	3
16141	C15H28O	2-methyl-10-tetradecyn-1-ol	---	7.95607	2530.0659	162.712	201	367	3
16142	C15H28O	3-methyl-10-tetradecyn-1-ol	---	7.95607	2530.0659	162.712	201	367	3
16143	C15H28O	4-methyl-10-tetradecyn-1-ol	---	7.95607	2530.0659	162.712	201	367	3
16144	C15H28O	5-methyl-10-tetradecyn-1-ol	---	7.95607	2530.0659	162.712	201	367	3
16145	C15H28O	6-methyl-10-tetradecyn-1-ol	---	7.95607	2530.0659	162.712	201	367	3
16146	C15H28O	7-methyl-10-tetradecyn-1-ol	---	7.95607	2530.0659	162.712	201	367	3
16147	C15H28O	1-methyl-11-tetradecyn-1-ol	---	7.95607	2530.0659	162.712	201	367	3
16148	C15H28O	2-methyl-11-tetradecyn-1-ol	---	7.95607	2530.0659	162.712	201	367	3
16149	C15H28O	3-methyl-11-tetradecyn-1-ol	---	7.95607	2530.0659	162.712	201	367	3
16150	C15H28O	4-methyl-11-tetradecyn-1-ol	---	7.95607	2530.0659	162.712	201	367	3
16151	C15H28O	5-methyl-11-tetradecyn-1-ol	---	7.95607	2530.0659	162.712	201	367	3
16152	C15H28O	6-methyl-11-tetradecyn-1-ol	---	7.95607	2530.0659	162.712	201	367	3
16153	C15H28O	7-methyl-11-tetradecyn-1-ol	---	7.95607	2530.0659	162.712	201	367	3
16154	C15H28O	1-methyl-12-tetradecyn-1-ol	---	7.95607	2530.0659	162.712	201	367	3
16155	C15H28O	2-methyl-12-tetradecyn-1-ol	---	7.95607	2530.0659	162.712	201	367	3
16156	C15H28O	3-methyl-12-tetradecyn-1-ol	---	7.95607	2530.0659	162.712	201	367	3
16157	C15H28O	4-methyl-12-tetradecyn-1-ol	---	7.95607	2530.0659	162.712	201	367	3
16158	C15H28O	5-methyl-12-tetradecyn-1-ol	---	7.95607	2530.0659	162.712	201	367	3
16159	C15H28O	6-methyl-12-tetradecyn-1-ol	---	7.95607	2530.0659	162.712	201	367	3
16160	C15H28O	7-methyl-12-tetradecyn-1-ol	---	7.95607	2530.0659	162.712	201	367	3

Table 1 Vapor Pressure – Organic Compounds

			log ₁₀ P = A - B/(T + C)	(P - mm Hg, T - C)					
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
16161	C15H28O	1-methyl-13-tetradecyn-1-ol	---	7.95607	2530.0659	162.712	201	367	3
16162	C15H28O	2-methyl-13-tetradecyn-1-ol	---	7.95607	2530.0659	162.712	201	367	3
16163	C15H28O	3-methyl-13-tetradecyn-1-ol	---	7.95607	2530.0659	162.712	201	367	3
16164	C15H28O	4-methyl-13-tetradecyn-1-ol	---	7.95607	2530.0659	162.712	201	367	3
16165	C15H28O	5-methyl-13-tetradecyn-1-ol	---	7.95607	2530.0659	162.712	201	367	3
16166	C15H28O	6-methyl-13-tetradecyn-1-ol	---	7.95607	2530.0659	162.712	201	367	3
16167	C15H28O	7-methyl-13-tetradecyn-1-ol	---	7.95607	2530.0659	162.712	201	367	3
16168	C15H28O	2-pentadecenal	64462-00-6	7.13066	2069.9825	171.274	166.37	352.93	3
16169	C15H28O	3-pentadecenal	---	7.13066	2069.9825	171.274	166.37	352.93	3
16170	C15H28O	4-pentadecenal	---	7.13066	2069.9825	171.274	166.37	352.93	3
16171	C15H28O	5-pentadecenal	---	7.13066	2069.9825	171.274	166.37	352.93	3
16172	C15H28O	6-pentadecenal	---	7.13066	2069.9825	171.274	166.37	352.93	3
16173	C15H28O	7-pentadecenal	---	7.13066	2069.9825	171.274	166.37	352.93	3
16174	C15H28O	8-pentadecenal	---	7.13066	2069.9825	171.274	166.37	352.93	3
16175	C15H28O	9-pentadecenal	---	7.13066	2069.9825	171.274	166.37	352.93	3
16176	C15H28O	10-pentadecenal	---	7.13066	2069.9825	171.274	166.37	352.93	3
16177	C15H28O	11-pentadecenal	---	7.13066	2069.9825	171.274	166.37	352.93	3
16178	C15H28O	12-pentadecenal	---	7.13066	2069.9825	171.274	166.37	352.93	3
16179	C15H28O	13-pentadecenal	---	7.13066	2069.9825	171.274	166.37	352.93	3
16180	C15H28O	14-pentadecenal	---	7.13066	2069.9825	171.274	166.37	352.93	3
16181	C15H28O	2-methyl-2-tetradecenal	---	6.85233	1945.4574	174.054	158.37	355.97	3
16182	C15H28O	3-methyl-2-tetradecenal	---	6.85233	1945.4574	174.054	158.37	355.97	3
16183	C15H28O	4-methyl-2-tetradecenal	---	6.85233	1945.4574	174.054	158.37	355.97	3
16184	C15H28O	5-methyl-2-tetradecenal	---	6.85233	1945.4574	174.054	158.37	355.97	3
16185	C15H28O	6-methyl-2-tetradecenal	---	6.85233	1945.4574	174.054	158.37	355.97	3
16186	C15H28O	7-methyl-2-tetradecenal	---	6.85233	1945.4574	174.054	158.37	355.97	3
16187	C15H28O	8-methyl-2-tetradecenal	---	6.85233	1945.4574	174.054	158.37	355.97	3
16188	C15H28O	9-methyl-2-tetradecenal	---	6.85233	1945.4574	174.054	158.37	355.97	3
16189	C15H28O	10-methyl-2-tetradecenal	---	6.85233	1945.4574	174.054	158.37	355.97	3
16190	C15H28O	11-methyl-2-tetradecenal	---	6.85233	1945.4574	174.054	158.37	355.97	3
16191	C15H28O	12-methyl-2-tetradecenal	---	6.85233	1945.4574	174.054	158.37	355.97	3
16192	C15H28O	13-methyl-2-tetradecenal	---	6.85233	1945.4574	174.054	158.37	355.97	3
16193	C15H28O	2-methyl-3-tetradecenal	---	6.85233	1945.4574	174.054	158.37	355.97	3
16194	C15H28O	3-methyl-3-tetradecenal	---	6.85233	1945.4574	174.054	158.37	355.97	3
16195	C15H28O	4-methyl-3-tetradecenal	---	6.85233	1945.4574	174.054	158.37	355.97	3
16196	C15H28O	5-methyl-3-tetradecenal	---	6.85233	1945.4574	174.054	158.37	355.97	3
16197	C15H28O	6-methyl-3-tetradecenal	---	6.85233	1945.4574	174.054	158.37	355.97	3
16198	C15H28O	7-methyl-3-tetradecenal	---	6.85233	1945.4574	174.054	158.37	355.97	3
16199	C15H28O	8-methyl-3-tetradecenal	---	6.85233	1945.4574	174.054	158.37	355.97	3
16200	C15H28O	9-methyl-3-tetradecenal	---	6.85233	1945.4574	174.054	158.37	355.97	3
16201	C15H28O	10-methyl-3-tetradecenal	---	6.85233	1945.4574	174.054	158.37	355.97	3
16202	C15H28O	11-methyl-3-tetradecenal	---	6.85233	1945.4574	174.054	158.37	355.97	3
16203	C15H28O	12-methyl-3-tetradecenal	---	6.85233	1945.4574	174.054	158.37	355.97	3
16204	C15H28O	13-methyl-3-tetradecenal	---	6.85233	1945.4574	174.054	158.37	355.97	3
16205	C15H28O	2-methyl-4-tetradecenal	---	6.85233	1945.4574	174.054	158.37	355.97	3
16206	C15H28O	3-methyl-4-tetradecenal	---	6.85233	1945.4574	174.054	158.37	355.97	3
16207	C15H28O	4-methyl-4-tetradecenal	---	6.85233	1945.4574	174.054	158.37	355.97	3
16208	C15H28O	5-methyl-4-tetradecenal	---	6.85233	1945.4574	174.054	158.37	355.97	3
16209	C15H28O	6-methyl-4-tetradecenal	---	6.85233	1945.4574	174.054	158.37	355.97	3
16210	C15H28O	7-methyl-4-tetradecenal	---	6.85233	1945.4574	174.054	158.37	355.97	3
16211	C15H28O	8-methyl-4-tetradecenal	---	6.85233	1945.4574	174.054	158.37	355.97	3
16212	C15H28O	9-methyl-4-tetradecenal	---	6.85233	1945.4574	174.054	158.37	355.97	3
16213	C15H28O	10-methyl-4-tetradecenal	---	6.85233	1945.4574	174.054	158.37	355.97	3
16214	C15H28O	11-methyl-4-tetradecenal	---	6.85233	1945.4574	174.054	158.37	355.97	3
16215	C15H28O	12-methyl-4-tetradecenal	---	6.85233	1945.4574	174.054	158.37	355.97	3
16216	C15H28O	13-methyl-4-tetradecenal	---	6.85233	1945.4574	174.054	158.37	355.97	3
16217	C15H28O	2-methyl-5-tetradecenal	---	6.85233	1945.4574	174.054	158.37	355.97	3
16218	C15H28O	3-methyl-5-tetradecenal	---	6.85233	1945.4574	174.054	158.37	355.97	3
16219	C15H28O	4-methyl-5-tetradecenal	---	6.85233	1945.4574	174.054	158.37	355.97	3
16220	C15H28O	5-methyl-5-tetradecenal	---	6.85233	1945.4574	174.054	158.37	355.97	3
16221	C15H28O	6-methyl-5-tetradecenal	---	6.85233	1945.4574	174.054	158.37	355.97	3
16222	C15H28O	7-methyl-5-tetradecenal	---	6.85233	1945.4574	174.054	158.37	355.97	3
16223	C15H28O	8-methyl-5-tetradecenal	---	6.85233	1945.4574	174.054	158.37	355.97	3
16224	C15H28O	9-methyl-5-tetradecenal	---	6.85233	1945.4574	174.054	158.37	355.97	3
16225	C15H28O	10-methyl-5-tetradecenal	---	6.85233	1945.4574	174.054	158.37	355.97	3
16226	C15H28O	11-methyl-5-tetradecenal	---	6.85233	1945.4574	174.054	158.37	355.97	3
16227	C15H28O	12-methyl-5-tetradecenal	---	6.85233	1945.4574	174.054	158.37	355.97	3
16228	C15H28O	13-methyl-5-tetradecenal	---	6.85233	1945.4574	174.054	158.37	355.97	3
16229	C15H28O	2-methyl-6-tetradecenal	---	6.85233	1945.4574	174.054	158.37	355.97	3
16230	C15H28O	3-methyl-6-tetradecenal	---	6.85233	1945.4574	174.054	158.37	355.97	3
16231	C15H28O	4-methyl-6-tetradecenal	---	6.85233	1945.4574	174.054	158.37	355.97	3
16232	C15H28O	5-methyl-6-tetradecenal	---	6.85233	1945.4574	174.054	158.37	355.97	3
16233	C15H28O	6-methyl-6-tetradecenal	---	6.85233	1945.4574	174.054	158.37	355.97	3
16234	C15H28O	7-methyl-6-tetradecenal	---	6.85233	1945.4574	174.054	158.37	355.97	3
16235	C15H28O	8-methyl-6-tetradecenal	---	6.85233	1945.4574	174.054	158.37	355.97	3
16236	C15H28O	9-methyl-6-tetradecenal	---	6.85233	1945.4574	174.054	158.37	355.97	3
16237	C15H28O	10-methyl-6-tetradecenal	---	6.85233	1945.4574	174.054	158.37	355.97	3
16238	C15H28O	11-methyl-6-tetradecenal	---	6.85233	1945.4574	174.054	158.37	355.97	3
16239	C15H28O	12-methyl-6-tetradecenal	---	6.85233	1945.4574	174.054	158.37	355.97	3
16240	C15H28O	13-methyl-6-tetradecenal	---	6.85233	1945.4574	174.054	158.37	355.97	3

Table 1 Vapor Pressure – Organic Compounds

				log ₁₀ P = A - B/(T + C)	(P - mm Hg, T - C)				
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
16241	C15H28O	2-methyl-7-tetradecenal	---	6.85233	1945.4574	174.054	158.37	355.97	3
16242	C15H28O	3-methyl-7-tetradecenal	---	6.85233	1945.4574	174.054	158.37	355.97	3
16243	C15H28O	4-methyl-7-tetradecenal	---	6.85233	1945.4574	174.054	158.37	355.97	3
16244	C15H28O	5-methyl-7-tetradecenal	---	6.85233	1945.4574	174.054	158.37	355.97	3
16245	C15H28O	6-methyl-7-tetradecenal	---	6.85233	1945.4574	174.054	158.37	355.97	3
16246	C15H28O	7-methyl-7-tetradecenal	---	6.85233	1945.4574	174.054	158.37	355.97	3
16247	C15H28O	8-methyl-7-tetradecenal	---	6.85233	1945.4574	174.054	158.37	355.97	3
16248	C15H28O	9-methyl-7-tetradecenal	---	6.85233	1945.4574	174.054	158.37	355.97	3
16249	C15H28O	10-methyl-7-tetradecenal	---	6.85233	1945.4574	174.054	158.37	355.97	3
16250	C15H28O	11-methyl-7-tetradecenal	---	6.85233	1945.4574	174.054	158.37	355.97	3
16251	C15H28O	12-methyl-7-tetradecenal	---	6.85233	1945.4574	174.054	158.37	355.97	3
16252	C15H28O	13-methyl-7-tetradecenal	---	6.85233	1945.4574	174.054	158.37	355.97	3
16253	C15H28O	2-methyl-8-tetradecenal	---	6.85233	1945.4574	174.054	158.37	355.97	3
16254	C15H28O	3-methyl-8-tetradecenal	---	6.85233	1945.4574	174.054	158.37	355.97	3
16255	C15H28O	4-methyl-8-tetradecenal	---	6.85233	1945.4574	174.054	158.37	355.97	3
16256	C15H28O	5-methyl-8-tetradecenal	---	6.85233	1945.4574	174.054	158.37	355.97	3
16257	C15H28O	6-methyl-8-tetradecenal	---	6.85233	1945.4574	174.054	158.37	355.97	3
16258	C15H28O	7-methyl-8-tetradecenal	---	6.85233	1945.4574	174.054	158.37	355.97	3
16259	C15H28O	8-methyl-8-tetradecenal	---	6.85233	1945.4574	174.054	158.37	355.97	3
16260	C15H28O	9-methyl-8-tetradecenal	---	6.85233	1945.4574	174.054	158.37	355.97	3
16261	C15H28O	10-methyl-8-tetradecenal	---	6.85233	1945.4574	174.054	158.37	355.97	3
16262	C15H28O	11-methyl-8-tetradecenal	---	6.85233	1945.4574	174.054	158.37	355.97	3
16263	C15H28O	12-methyl-8-tetradecenal	---	6.85233	1945.4574	174.054	158.37	355.97	3
16264	C15H28O	13-methyl-8-tetradecenal	---	6.85233	1945.4574	174.054	158.37	355.97	3
16265	C15H28O	2-methyl-9-tetradecenal	---	6.85233	1945.4574	174.054	158.37	355.97	3
16266	C15H28O	3-methyl-9-tetradecenal	---	6.85233	1945.4574	174.054	158.37	355.97	3
16267	C15H28O	4-methyl-9-tetradecenal	---	6.85233	1945.4574	174.054	158.37	355.97	3
16268	C15H28O	5-methyl-9-tetradecenal	---	6.85233	1945.4574	174.054	158.37	355.97	3
16269	C15H28O	6-methyl-9-tetradecenal	---	6.85233	1945.4574	174.054	158.37	355.97	3
16270	C15H28O	7-methyl-9-tetradecenal	---	6.85233	1945.4574	174.054	158.37	355.97	3
16271	C15H28O	8-methyl-9-tetradecenal	---	6.85233	1945.4574	174.054	158.37	355.97	3
16272	C15H28O	9-methyl-9-tetradecenal	---	6.85233	1945.4574	174.054	158.37	355.97	3
16273	C15H28O	10-methyl-9-tetradecenal	---	6.85233	1945.4574	174.054	158.37	355.97	3
16274	C15H28O	11-methyl-9-tetradecenal	---	6.85233	1945.4574	174.054	158.37	355.97	3
16275	C15H28O	12-methyl-9-tetradecenal	---	6.85233	1945.4574	174.054	158.37	355.97	3
16276	C15H28O	13-methyl-9-tetradecenal	---	6.85233	1945.4574	174.054	158.37	355.97	3
16277	C15H28O	2-methyl-10-tetradecenal	---	6.85233	1945.4574	174.054	158.37	355.97	3
16278	C15H28O	3-methyl-10-tetradecenal	---	6.85233	1945.4574	174.054	158.37	355.97	3
16279	C15H28O	4-methyl-10-tetradecenal	---	6.85233	1945.4574	174.054	158.37	355.97	3
16280	C15H28O	5-methyl-10-tetradecenal	---	6.85233	1945.4574	174.054	158.37	355.97	3
16281	C15H28O	6-methyl-10-tetradecenal	---	6.85233	1945.4574	174.054	158.37	355.97	3
16282	C15H28O	7-methyl-10-tetradecenal	---	6.85233	1945.4574	174.054	158.37	355.97	3
16283	C15H28O	8-methyl-10-tetradecenal	---	6.85233	1945.4574	174.054	158.37	355.97	3
16284	C15H28O	9-methyl-10-tetradecenal	---	6.85233	1945.4574	174.054	158.37	355.97	3
16285	C15H28O	10-methyl-10-tetradecenal	---	6.85233	1945.4574	174.054	158.37	355.97	3
16286	C15H28O	11-methyl-10-tetradecenal	---	6.85233	1945.4574	174.054	158.37	355.97	3
16287	C15H28O	12-methyl-10-tetradecenal	---	6.85233	1945.4574	174.054	158.37	355.97	3
16288	C15H28O	13-methyl-10-tetradecenal	---	6.85233	1945.4574	174.054	158.37	355.97	3
16289	C15H28O	2-methyl-11-tetradecenal	---	6.85233	1945.4574	174.054	158.37	355.97	3
16290	C15H28O	3-methyl-11-tetradecenal	---	6.85233	1945.4574	174.054	158.37	355.97	3
16291	C15H28O	4-methyl-11-tetradecenal	---	6.85233	1945.4574	174.054	158.37	355.97	3
16292	C15H28O	5-methyl-11-tetradecenal	---	6.85233	1945.4574	174.054	158.37	355.97	3
16293	C15H28O	6-methyl-11-tetradecenal	---	6.85233	1945.4574	174.054	158.37	355.97	3
16294	C15H28O	7-methyl-11-tetradecenal	---	6.85233	1945.4574	174.054	158.37	355.97	3
16295	C15H28O	8-methyl-11-tetradecenal	---	6.85233	1945.4574	174.054	158.37	355.97	3
16296	C15H28O	9-methyl-11-tetradecenal	---	6.85233	1945.4574	174.054	158.37	355.97	3
16297	C15H28O	10-methyl-11-tetradecenal	---	6.85233	1945.4574	174.054	158.37	355.97	3
16298	C15H28O	11-methyl-11-tetradecenal	---	6.85233	1945.4574	174.054	158.37	355.97	3
16299	C15H28O	12-methyl-11-tetradecenal	---	6.85233	1945.4574	174.054	158.37	355.97	3
16300	C15H28O	13-methyl-11-tetradecenal	---	6.85233	1945.4574	174.054	158.37	355.97	3
16301	C15H28O	2-methyl-12-tetradecenal	---	6.85233	1945.4574	174.054	158.37	355.97	3
16302	C15H28O	3-methyl-12-tetradecenal	---	6.85233	1945.4574	174.054	158.37	355.97	3
16303	C15H28O	4-methyl-12-tetradecenal	---	6.85233	1945.4574	174.054	158.37	355.97	3
16304	C15H28O	5-methyl-12-tetradecenal	---	6.85233	1945.4574	174.054	158.37	355.97	3
16305	C15H28O	6-methyl-12-tetradecenal	---	6.85233	1945.4574	174.054	158.37	355.97	3
16306	C15H28O	7-methyl-12-tetradecenal	---	6.85233	1945.4574	174.054	158.37	355.97	3
16307	C15H28O	8-methyl-12-tetradecenal	---	6.85233	1945.4574	174.054	158.37	355.97	3
16308	C15H28O	9-methyl-12-tetradecenal	---	6.85233	1945.4574	174.054	158.37	355.97	3
16309	C15H28O	10-methyl-12-tetradecenal	---	6.85233	1945.4574	174.054	158.37	355.97	3
16310	C15H28O	11-methyl-12-tetradecenal	---	6.85233	1945.4574	174.054	158.37	355.97	3
16311	C15H28O	12-methyl-12-tetradecenal	---	6.85233	1945.4574	174.054	158.37	355.97	3
16312	C15H28O	13-methyl-12-tetradecenal	---	6.85233	1945.4574	174.054	158.37	355.97	3
16313	C15H28O	2,2-dimethyl-2-tridecenal	---	6.60092	1832.6463	176.834	150.37	359.17	3
16314	C15H28O	2,3-dimethyl-2-tridecenal	---	6.60092	1832.6463	176.834	150.37	359.17	3
16315	C15H28O	2,4-dimethyl-2-tridecenal	---	6.60092	1832.6463	176.834	150.37	359.17	3
16316	C15H28O	2,5-dimethyl-2-tridecenal	---	6.60092	1832.6463	176.834	150.37	359.17	3
16317	C15H28O	2,6-dimethyl-2-tridecenal	---	6.60092	1832.6463	176.834	150.37	359.17	3
16318	C15H28O	2,7-dimethyl-2-tridecenal	---	6.60092	1832.6463	176.834	150.37	359.17	3
16319	C15H28O	2,8-dimethyl-2-tridecenal	---	6.60092	1832.6463	176.834	150.37	359.17	3
16320	C15H28O	2,9-dimethyl-2-tridecenal	---	6.60092	1832.6463	176.834	150.37	359.17	3

Table 1 Vapor Pressure – Organic Compounds

		log ₁₀ P = A - B/(T + C)		(P - mm Hg, T - C)					
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
16321	C15H28O	2,10-dimethyl-2-tridecenal	---	6.60092	1832.6463	176.834	150.37	359.17	3
16322	C15H28O	2,11-dimethyl-2-tridecenal	---	6.60092	1832.6463	176.834	150.37	359.17	3
16323	C15H28O	2,12-dimethyl-2-tridecenal	---	6.60092	1832.6463	176.834	150.37	359.17	3
16324	C15H28O	2,2-dimethyl-3-tridecenal	---	6.60092	1832.6463	176.834	150.37	359.17	3
16325	C15H28O	2,3-dimethyl-3-tridecenal	---	6.60092	1832.6463	176.834	150.37	359.17	3
16326	C15H28O	2,4-dimethyl-3-tridecenal	---	6.60092	1832.6463	176.834	150.37	359.17	3
16327	C15H28O	2,5-dimethyl-3-tridecenal	---	6.60092	1832.6463	176.834	150.37	359.17	3
16328	C15H28O	2,6-dimethyl-3-tridecenal	---	6.60092	1832.6463	176.834	150.37	359.17	3
16329	C15H28O	2,7-dimethyl-3-tridecenal	---	6.60092	1832.6463	176.834	150.37	359.17	3
16330	C15H28O	2,8-dimethyl-3-tridecenal	---	6.60092	1832.6463	176.834	150.37	359.17	3
16331	C15H28O	2,9-dimethyl-3-tridecenal	---	6.60092	1832.6463	176.834	150.37	359.17	3
16332	C15H28O	2,10-dimethyl-3-tridecenal	---	6.60092	1832.6463	176.834	150.37	359.17	3
16333	C15H28O	2,11-dimethyl-3-tridecenal	---	6.60092	1832.6463	176.834	150.37	359.17	3
16334	C15H28O	2,12-dimethyl-3-tridecenal	---	6.60092	1832.6463	176.834	150.37	359.17	3
16335	C15H28O	2,2-dimethyl-4-tridecenal	---	6.60092	1832.6463	176.834	150.37	359.17	3
16336	C15H28O	2,3-dimethyl-4-tridecenal	---	6.60092	1832.6463	176.834	150.37	359.17	3
16337	C15H28O	2,4-dimethyl-4-tridecenal	---	6.60092	1832.6463	176.834	150.37	359.17	3
16338	C15H28O	2,5-dimethyl-4-tridecenal	---	6.60092	1832.6463	176.834	150.37	359.17	3
16339	C15H28O	2,6-dimethyl-4-tridecenal	---	6.60092	1832.6463	176.834	150.37	359.17	3
16340	C15H28O	2,7-dimethyl-4-tridecenal	---	6.60092	1832.6463	176.834	150.37	359.17	3
16341	C15H28O	2,8-dimethyl-4-tridecenal	---	6.60092	1832.6463	176.834	150.37	359.17	3
16342	C15H28O	2,9-dimethyl-4-tridecenal	---	6.60092	1832.6463	176.834	150.37	359.17	3
16343	C15H28O	2,10-dimethyl-4-tridecenal	---	6.60092	1832.6463	176.834	150.37	359.17	3
16344	C15H28O	2,11-dimethyl-4-tridecenal	---	6.60092	1832.6463	176.834	150.37	359.17	3
16345	C15H28O	2,12-dimethyl-4-tridecenal	---	6.60092	1832.6463	176.834	150.37	359.17	3
16346	C15H28O	2,2-dimethyl-5-tridecenal	---	6.60092	1832.6463	176.834	150.37	359.17	3
16347	C15H28O	2,3-dimethyl-5-tridecenal	---	6.60092	1832.6463	176.834	150.37	359.17	3
16348	C15H28O	2,4-dimethyl-5-tridecenal	---	6.60092	1832.6463	176.834	150.37	359.17	3
16349	C15H28O	2,5-dimethyl-5-tridecenal	---	6.60092	1832.6463	176.834	150.37	359.17	3
16350	C15H28O	2,6-dimethyl-5-tridecenal	---	6.60092	1832.6463	176.834	150.37	359.17	3
16351	C15H28O	2,7-dimethyl-5-tridecenal	---	6.60092	1832.6463	176.834	150.37	359.17	3
16352	C15H28O	2,8-dimethyl-5-tridecenal	---	6.60092	1832.6463	176.834	150.37	359.17	3
16353	C15H28O	2,9-dimethyl-5-tridecenal	---	6.60092	1832.6463	176.834	150.37	359.17	3
16354	C15H28O	2,10-dimethyl-5-tridecenal	---	6.60092	1832.6463	176.834	150.37	359.17	3
16355	C15H28O	2,11-dimethyl-5-tridecenal	---	6.60092	1832.6463	176.834	150.37	359.17	3
16356	C15H28O	2,12-dimethyl-5-tridecenal	---	6.60092	1832.6463	176.834	150.37	359.17	3
16357	C15H28O	2,2-dimethyl-6-tridecenal	---	6.60092	1832.6463	176.834	150.37	359.17	3
16358	C15H28O	2,3-dimethyl-6-tridecenal	---	6.60092	1832.6463	176.834	150.37	359.17	3
16359	C15H28O	2,4-dimethyl-6-tridecenal	---	6.60092	1832.6463	176.834	150.37	359.17	3
16360	C15H28O	2,5-dimethyl-6-tridecenal	---	6.60092	1832.6463	176.834	150.37	359.17	3
16361	C15H28O	2,6-dimethyl-6-tridecenal	---	6.60092	1832.6463	176.834	150.37	359.17	3
16362	C15H28O	2,7-dimethyl-6-tridecenal	---	6.60092	1832.6463	176.834	150.37	359.17	3
16363	C15H28O	2,8-dimethyl-6-tridecenal	---	6.60092	1832.6463	176.834	150.37	359.17	3
16364	C15H28O	2,9-dimethyl-6-tridecenal	---	6.60092	1832.6463	176.834	150.37	359.17	3
16365	C15H28O	2,10-dimethyl-6-tridecenal	---	6.60092	1832.6463	176.834	150.37	359.17	3
16366	C15H28O	2,11-dimethyl-6-tridecenal	---	6.60092	1832.6463	176.834	150.37	359.17	3
16367	C15H28O	2,12-dimethyl-6-tridecenal	---	6.60092	1832.6463	176.834	150.37	359.17	3
16368	C15H28O	2,2-dimethyl-7-tridecenal	---	6.60092	1832.6463	176.834	150.37	359.17	3
16369	C15H28O	2,3-dimethyl-7-tridecenal	---	6.60092	1832.6463	176.834	150.37	359.17	3
16370	C15H28O	2,4-dimethyl-7-tridecenal	---	6.60092	1832.6463	176.834	150.37	359.17	3
16371	C15H28O	2,5-dimethyl-7-tridecenal	---	6.60092	1832.6463	176.834	150.37	359.17	3
16372	C15H28O	2,6-dimethyl-7-tridecenal	---	6.60092	1832.6463	176.834	150.37	359.17	3
16373	C15H28O	2,7-dimethyl-7-tridecenal	---	6.60092	1832.6463	176.834	150.37	359.17	3
16374	C15H28O	2,8-dimethyl-7-tridecenal	---	6.60092	1832.6463	176.834	150.37	359.17	3
16375	C15H28O	2,9-dimethyl-7-tridecenal	---	6.60092	1832.6463	176.834	150.37	359.17	3
16376	C15H28O	2,10-dimethyl-7-tridecenal	---	6.60092	1832.6463	176.834	150.37	359.17	3
16377	C15H28O	2,11-dimethyl-7-tridecenal	---	6.60092	1832.6463	176.834	150.37	359.17	3
16378	C15H28O	2,12-dimethyl-7-tridecenal	---	6.60092	1832.6463	176.834	150.37	359.17	3
16379	C15H28O	2,2-dimethyl-8-tridecenal	---	6.60092	1832.6463	176.834	150.37	359.17	3
16380	C15H28O	2,3-dimethyl-8-tridecenal	---	6.60092	1832.6463	176.834	150.37	359.17	3
16381	C15H28O	2,4-dimethyl-8-tridecenal	---	6.60092	1832.6463	176.834	150.37	359.17	3
16382	C15H28O	2,5-dimethyl-8-tridecenal	---	6.60092	1832.6463	176.834	150.37	359.17	3
16383	C15H28O	2,6-dimethyl-8-tridecenal	---	6.60092	1832.6463	176.834	150.37	359.17	3
16384	C15H28O	2,7-dimethyl-8-tridecenal	---	6.60092	1832.6463	176.834	150.37	359.17	3
16385	C15H28O	2,8-dimethyl-8-tridecenal	---	6.60092	1832.6463	176.834	150.37	359.17	3
16386	C15H28O	2,9-dimethyl-8-tridecenal	---	6.60092	1832.6463	176.834	150.37	359.17	3
16387	C15H28O	2,10-dimethyl-8-tridecenal	---	6.60092	1832.6463	176.834	150.37	359.17	3
16388	C15H28O	2,11-dimethyl-8-tridecenal	---	6.60092	1832.6463	176.834	150.37	359.17	3
16389	C15H28O	2,12-dimethyl-8-tridecenal	---	6.60092	1832.6463	176.834	150.37	359.17	3
16390	C15H28O	2,2-dimethyl-9-tridecenal	---	6.60092	1832.6463	176.834	150.37	359.17	3
16391	C15H28O	2,3-dimethyl-9-tridecenal	---	6.60092	1832.6463	176.834	150.37	359.17	3
16392	C15H28O	2,4-dimethyl-9-tridecenal	---	6.60092	1832.6463	176.834	150.37	359.17	3
16393	C15H28O	2,5-dimethyl-9-tridecenal	---	6.60092	1832.6463	176.834	150.37	359.17	3
16394	C15H28O	2,6-dimethyl-9-tridecenal	---	6.60092	1832.6463	176.834	150.37	359.17	3
16395	C15H28O	2,7-dimethyl-9-tridecenal	---	6.60092	1832.6463	176.834	150.37	359.17	3
16396	C15H28O	2,8-dimethyl-9-tridecenal	---	6.60092	1832.6463	176.834	150.37	359.17	3
16397	C15H28O	2,9-dimethyl-9-tridecenal	---	6.60092	1832.6463	176.834	150.37	359.17	3
16398	C15H28O	2,10-dimethyl-9-tridecenal	---	6.60092	1832.6463	176.834	150.37	359.17	3
16399	C15H28O	2,11-dimethyl-9-tridecenal	---	6.60092	1832.6463	176.834	150.37	359.17	3
16400	C15H28O	2,12-dimethyl-9-tridecenal	---	6.60092	1832.6463	176.834	150.37	359.17	3

Table 1 Vapor Pressure – Organic Compounds

log ₁₀ P = A - B/(T + C) (P - mm Hg, T - C)									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
16401	C15H28O	2,2-dimethyl-10-tridecenal	---	6.60092	1832.6463	176.834	150.37	359.17	3
16402	C15H28O	2,3-dimethyl-10-tridecenal	---	6.60092	1832.6463	176.834	150.37	359.17	3
16403	C15H28O	2,4-dimethyl-10-tridecenal	---	6.60092	1832.6463	176.834	150.37	359.17	3
16404	C15H28O	2,5-dimethyl-10-tridecenal	---	6.60092	1832.6463	176.834	150.37	359.17	3
16405	C15H28O	2,6-dimethyl-10-tridecenal	---	6.60092	1832.6463	176.834	150.37	359.17	3
16406	C15H28O	2,7-dimethyl-10-tridecenal	---	6.60092	1832.6463	176.834	150.37	359.17	3
16407	C15H28O	2,8-dimethyl-10-tridecenal	---	6.60092	1832.6463	176.834	150.37	359.17	3
16408	C15H28O	2,9-dimethyl-10-tridecenal	---	6.60092	1832.6463	176.834	150.37	359.17	3
16409	C15H28O	2,10-dimethyl-10-tridecenal	---	6.60092	1832.6463	176.834	150.37	359.17	3
16410	C15H28O	2,11-dimethyl-10-tridecenal	---	6.60092	1832.6463	176.834	150.37	359.17	3
16411	C15H28O	2,12-dimethyl-10-tridecenal	---	6.60092	1832.6463	176.834	150.37	359.17	3
16412	C15H28O	2,2-dimethyl-11-tridecenal	---	6.60092	1832.6463	176.834	150.37	359.17	3
16413	C15H28O	2,3-dimethyl-11-tridecenal	---	6.60092	1832.6463	176.834	150.37	359.17	3
16414	C15H28O	2,4-dimethyl-11-tridecenal	---	6.60092	1832.6463	176.834	150.37	359.17	3
16415	C15H28O	2,5-dimethyl-11-tridecenal	---	6.60092	1832.6463	176.834	150.37	359.17	3
16416	C15H28O	2,6-dimethyl-11-tridecenal	---	6.60092	1832.6463	176.834	150.37	359.17	3
16417	C15H28O	2,7-dimethyl-11-tridecenal	---	6.60092	1832.6463	176.834	150.37	359.17	3
16418	C15H28O	2,8-dimethyl-11-tridecenal	---	6.60092	1832.6463	176.834	150.37	359.17	3
16419	C15H28O	2,9-dimethyl-11-tridecenal	---	6.60092	1832.6463	176.834	150.37	359.17	3
16420	C15H28O	2,10-dimethyl-11-tridecenal	---	6.60092	1832.6463	176.834	150.37	359.17	3
16421	C15H28O	2,11-dimethyl-11-tridecenal	---	6.60092	1832.6463	176.834	150.37	359.17	3
16422	C15H28O	2,12-dimethyl-11-tridecenal	---	6.60092	1832.6463	176.834	150.37	359.17	3
16423	C15H28O	2,2-dimethyl-12-tridecenal	---	6.60092	1832.6463	176.834	150.37	359.17	3
16424	C15H28O	2,3-dimethyl-12-tridecenal	---	6.60092	1832.6463	176.834	150.37	359.17	3
16425	C15H28O	2,4-dimethyl-12-tridecenal	---	6.60092	1832.6463	176.834	150.37	359.17	3
16426	C15H28O	2,5-dimethyl-12-tridecenal	---	6.60092	1832.6463	176.834	150.37	359.17	3
16427	C15H28O	2,6-dimethyl-12-tridecenal	---	6.60092	1832.6463	176.834	150.37	359.17	3
16428	C15H28O	2,7-dimethyl-12-tridecenal	---	6.60092	1832.6463	176.834	150.37	359.17	3
16429	C15H28O	2,8-dimethyl-12-tridecenal	---	6.60092	1832.6463	176.834	150.37	359.17	3
16430	C15H28O	2,9-dimethyl-12-tridecenal	---	6.60092	1832.6463	176.834	150.37	359.17	3
16431	C15H28O	2,10-dimethyl-12-tridecenal	---	6.60092	1832.6463	176.834	150.37	359.17	3
16432	C15H28O	2,11-dimethyl-12-tridecenal	---	6.60092	1832.6463	176.834	150.37	359.17	3
16433	C15H28O	2,12-dimethyl-12-tridecenal	---	6.60092	1832.6463	176.834	150.37	359.17	3
16434	C15H28O2	pentadecenoic acid	26444-04-2	7.12322	2217.9496	160.849	201.37	401.89	2
16435	C15H28O2	2-pentadecenoic acid	---	7.12322	2217.9496	160.849	201.37	401.89	2
16436	C15H28O2	3-pentadecenoic acid	---	7.12322	2217.9496	160.849	201.37	401.89	2
16437	C15H28O2	4-pentadecenoic acid	---	7.12322	2217.9496	160.849	201.37	401.89	2
16438	C15H28O2	5-pentadecenoic acid	---	7.12322	2217.9496	160.849	201.37	401.89	2
16439	C15H28O2	6-pentadecenoic acid	---	7.12322	2217.9496	160.849	201.37	401.89	2
16440	C15H28O2	7-pentadecenoic acid	---	7.12322	2217.9496	160.849	201.37	401.89	2
16441	C15H28O2	8-pentadecenoic acid	---	7.12322	2217.9496	160.849	201.37	401.89	2
16442	C15H28O2	9-pentadecenoic acid	---	7.12322	2217.9496	160.849	201.37	401.89	2
16443	C15H28O2	10-pentadecenoic acid	---	7.12322	2217.9496	160.849	201.37	401.89	2
16444	C15H28O2	11-pentadecenoic acid	---	7.12322	2217.9496	160.849	201.37	401.89	2
16445	C15H28O2	12-pentadecenoic acid	---	7.12322	2217.9496	160.849	201.37	401.89	2
16446	C15H28O2	13-pentadecenoic acid	---	7.12322	2217.9496	160.849	201.37	401.89	2
16447	C15H28O2	14-pentadecenoic acid	---	7.12322	2217.9496	160.849	201.37	401.89	2
16448	C15H28O2	2-methyl-2-tetradecenoic acid	---	6.91359	2117.3210	163.073	194.97	404.31	2
16449	C15H28O2	3-methyl-2-tetradecenoic acid	---	6.91359	2117.3210	163.073	194.97	404.31	2
16450	C15H28O2	4-methyl-2-tetradecenoic acid	---	6.91359	2117.3210	163.073	194.97	404.31	2
16451	C15H28O2	5-methyl-2-tetradecenoic acid	---	6.91359	2117.3210	163.073	194.97	404.31	2
16452	C15H28O2	6-methyl-2-tetradecenoic acid	---	6.91359	2117.3210	163.073	194.97	404.31	2
16453	C15H28O2	7-methyl-2-tetradecenoic acid	---	6.91359	2117.3210	163.073	194.97	404.31	2
16454	C15H28O2	8-methyl-2-tetradecenoic acid	---	6.91359	2117.3210	163.073	194.97	404.31	2
16455	C15H28O2	9-methyl-2-tetradecenoic acid	---	6.91359	2117.3210	163.073	194.97	404.31	2
16456	C15H28O2	10-methyl-2-tetradecenoic acid	---	6.91359	2117.3210	163.073	194.97	404.31	2
16457	C15H28O2	11-methyl-2-tetradecenoic acid	---	6.91359	2117.3210	163.073	194.97	404.31	2
16458	C15H28O2	12-methyl-2-tetradecenoic acid	---	6.91359	2117.3210	163.073	194.97	404.31	2
16459	C15H28O2	13-methyl-2-tetradecenoic acid	---	6.91359	2117.3210	163.073	194.97	404.31	2
16460	C15H28O2	2-methyl-3-tetradecenoic acid	---	6.91359	2117.3210	163.073	194.97	404.31	2
16461	C15H28O2	3-methyl-3-tetradecenoic acid	---	6.91359	2117.3210	163.073	194.97	404.31	2
16462	C15H28O2	4-methyl-3-tetradecenoic acid	---	6.91359	2117.3210	163.073	194.97	404.31	2
16463	C15H28O2	5-methyl-3-tetradecenoic acid	---	6.91359	2117.3210	163.073	194.97	404.31	2
16464	C15H28O2	6-methyl-3-tetradecenoic acid	---	6.91359	2117.3210	163.073	194.97	404.31	2
16465	C15H28O2	7-methyl-3-tetradecenoic acid	---	6.91359	2117.3210	163.073	194.97	404.31	2
16466	C15H28O2	8-methyl-3-tetradecenoic acid	---	6.91359	2117.3210	163.073	194.97	404.31	2
16467	C15H28O2	9-methyl-3-tetradecenoic acid	---	6.91359	2117.3210	163.073	194.97	404.31	2
16468	C15H28O2	10-methyl-3-tetradecenoic acid	---	6.91359	2117.3210	163.073	194.97	404.31	2
16469	C15H28O2	11-methyl-3-tetradecenoic acid	---	6.91359	2117.3210	163.073	194.97	404.31	2
16470	C15H28O2	12-methyl-3-tetradecenoic acid	---	6.91359	2117.3210	163.073	194.97	404.31	2
16471	C15H28O2	13-methyl-3-tetradecenoic acid	---	6.91359	2117.3210	163.073	194.97	404.31	2
16472	C15H28O2	2-methyl-4-tetradecenoic acid	---	6.91359	2117.3210	163.073	194.97	404.31	2
16473	C15H28O2	3-methyl-4-tetradecenoic acid	---	6.91359	2117.3210	163.073	194.97	404.31	2
16474	C15H28O2	4-methyl-4-tetradecenoic acid	---	6.91359	2117.3210	163.073	194.97	404.31	2
16475	C15H28O2	5-methyl-4-tetradecenoic acid	---	6.91359	2117.3210	163.073	194.97	404.31	2
16476	C15H28O2	6-methyl-4-tetradecenoic acid	---	6.91359	2117.3210	163.073	194.97	404.31	2
16477	C15H28O2	7-methyl-4-tetradecenoic acid	---	6.91359	2117.3210	163.073	194.97	404.31	2
16478	C15H28O2	8-methyl-4-tetradecenoic acid	---	6.91359	2117.3210	163.073	194.97	404.31	2
16479	C15H28O2	9-methyl-4-tetradecenoic acid	---	6.91359	2117.3210	163.073	194.97	404.31	2
16480	C15H28O2	10-methyl-4-tetradecenoic acid	---	6.91359	2117.3210	163.073	194.97	404.31	2

Table 1 Vapor Pressure – Organic Compounds

log ₁₀ P = A - B/(T + C) (P - mm Hg, T - C)									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
16481	C15H28O2	11-methyl-4-tetradecenoic acid	---	6.91359	2117.3210	163.073	194.97	404.31	2
16482	C15H28O2	12-methyl-4-tetradecenoic acid	---	6.91359	2117.3210	163.073	194.97	404.31	2
16483	C15H28O2	13-methyl-4-tetradecenoic acid	---	6.91359	2117.3210	163.073	194.97	404.31	2
16484	C15H28O2	2,3-dimethyl-2-tridecenoic acid	---	6.71943	2023.9197	165.297	188.57	406.82	2
16485	C15H28O2	2,4-dimethyl-2-tridecenoic acid	---	6.71943	2023.9197	165.297	188.57	406.82	2
16486	C15H28O2	2,5-dimethyl-2-tridecenoic acid	---	6.71943	2023.9197	165.297	188.57	406.82	2
16487	C15H28O2	2,6-dimethyl-2-tridecenoic acid	---	6.71943	2023.9197	165.297	188.57	406.82	2
16488	C15H28O2	2,7-dimethyl-2-tridecenoic acid	---	6.71943	2023.9197	165.297	188.57	406.82	2
16489	C15H28O2	2,8-dimethyl-2-tridecenoic acid	---	6.71943	2023.9197	165.297	188.57	406.82	2
16490	C15H28O2	2,9-dimethyl-2-tridecenoic acid	---	6.71943	2023.9197	165.297	188.57	406.82	2
16491	C15H28O2	2,10-dimethyl-2-tridecenoic acid	---	6.71943	2023.9197	165.297	188.57	406.82	2
16492	C15H28O2	2,11-dimethyl-2-tridecenoic acid	---	6.71943	2023.9197	165.297	188.57	406.82	2
16493	C15H28O2	2,12-dimethyl-2-tridecenoic acid	---	6.71943	2023.9197	165.297	188.57	406.82	2
16494	C15H28O2	2-ethyl-2-tridecenoic acid	---	6.80258	2063.9456	164.324	191.37	405.71	2
16495	C15H28O2	3-ethyl-2-tridecenoic acid	---	6.80258	2063.9456	164.324	191.37	405.71	2
16496	C15H28O2	4-ethyl-2-tridecenoic acid	---	6.80258	2063.9456	164.324	191.37	405.71	2
16497	C15H28O2	5-ethyl-2-tridecenoic acid	---	6.80258	2063.9456	164.324	191.37	405.71	2
16498	C15H28O2	6-ethyl-2-tridecenoic acid	---	6.80258	2063.9456	164.324	191.37	405.71	2
16499	C15H28O2	7-ethyl-2-tridecenoic acid	---	6.80258	2063.9456	164.324	191.37	405.71	2
16500	C15H28O2	8-ethyl-2-tridecenoic acid	---	6.80258	2063.9456	164.324	191.37	405.71	2
16501	C15H28O2	9-ethyl-2-tridecenoic acid	---	6.80258	2063.9456	164.324	191.37	405.71	2
16502	C15H28O2	10-ethyl-2-tridecenoic acid	---	6.80258	2063.9456	164.324	191.37	405.71	2
16503	C15H28O2	11-ethyl-2-tridecenoic acid	---	6.80258	2063.9456	164.324	191.37	405.71	2
16504	C15H28O2	12-ethyl-2-tridecenoic acid	---	6.80258	2063.9456	164.324	191.37	405.71	2
16505	C15H28O2	menthol 3-methylbutanoate	16409-46-4	6.98716	1942.3718	179.913	144.51	330.52	2
16506	C15H28O2	butyl 10-undecenoate	109-42-2	6.98730	1942.4341	179.912	144.51	330.52	2
16507	C15H29Br	1-bromo-1-pentadecene	---	7.90197	2405.1607	167.104	181.37	342.45	2
16508	C15H29Br	cis-1-bromo-1-pentadecene	66374-76-3	7.77227	2343.0307	167.104	178.87	343.31	2
16509	C15H29Br	trans-1-bromo-1-pentadecene	66374-77-4	7.77227	2343.0307	167.104	178.87	343.31	2
16510	C15H29Br	2-bromo-1-pentadecene	---	7.90964	2408.5543	167.049	181.53	342.40	2
16511	C15H29Br	3-bromo-1-pentadecene	---	7.91733	2411.9561	166.993	181.69	342.34	2
16512	C15H29Br	4-bromo-1-pentadecene	---	7.92504	2415.3661	166.938	181.85	342.29	2
16513	C15H29Br	5-bromo-1-pentadecene	---	7.93276	2418.7844	166.882	182.01	342.24	2
16514	C15H29Br	6-bromo-1-pentadecene	---	7.94051	2422.2109	166.826	182.17	342.18	2
16515	C15H29Br	7-bromo-1-pentadecene	---	7.94827	2425.6457	166.771	182.33	342.13	2
16516	C15H29Br	8-bromo-1-pentadecene	---	7.95605	2429.0888	166.715	182.49	342.08	2
16517	C15H29Br	9-bromo-1-pentadecene	---	7.96385	2432.5403	166.660	182.65	342.03	2
16518	C15H29Br	10-bromo-1-pentadecene	---	7.97167	2436.0001	166.604	182.81	341.97	2
16519	C15H29Br	11-bromo-1-pentadecene	---	7.97952	2439.4684	166.548	182.97	341.92	2
16520	C15H29Br	12-bromo-1-pentadecene	---	7.98738	2442.9451	166.493	183.13	341.87	2
16521	C15H29Br	13-bromo-1-pentadecene	---	7.99526	2446.4304	166.437	183.29	341.82	2
16522	C15H29Br	14-bromo-1-pentadecene	---	8.00315	2449.9241	166.382	183.45	341.76	2
16523	C15H29Br	15-bromo-1-pentadecene	---	8.01107	2453.4263	166.326	183.61	341.71	2
16524	C15H29Br	1-bromo-2-pentadecene	---	8.01901	2456.9372	166.270	183.77	341.66	2
16525	C15H29Br	2-bromo-2-pentadecene	---	8.02697	2460.4566	166.215	183.93	341.61	2
16526	C15H29Br	3-bromo-2-pentadecene	---	8.03495	2463.9847	166.159	184.09	341.55	2
16527	C15H29Br	4-bromo-2-pentadecene	---	8.04295	2467.5215	166.104	184.25	341.50	2
16528	C15H29Br	5-bromo-2-pentadecene	---	8.05097	2471.0670	166.048	184.41	341.45	2
16529	C15H29Br	6-bromo-2-pentadecene	---	8.05901	2474.6212	165.992	184.57	341.40	2
16530	C15H29Br	7-bromo-2-pentadecene	---	8.06706	2478.1842	165.937	184.73	341.35	2
16531	C15H29Br	8-bromo-2-pentadecene	---	8.07514	2481.7559	165.881	184.89	341.29	2
16532	C15H29Br	9-bromo-2-pentadecene	---	8.08324	2485.3366	165.826	185.05	341.24	2
16533	C15H29Br	10-bromo-2-pentadecene	---	8.09136	2488.9261	165.770	185.21	341.19	2
16534	C15H29Br	11-bromo-2-pentadecene	---	8.09950	2492.5245	165.714	185.37	341.14	2
16535	C15H29Br	12-bromo-2-pentadecene	---	8.10767	2496.1318	165.659	185.53	341.09	2
16536	C15H29Br	13-bromo-2-pentadecene	---	8.11585	2499.7481	165.603	185.69	341.03	2
16537	C15H29Br	14-bromo-2-pentadecene	---	8.12405	2503.3735	165.548	185.85	340.98	2
16538	C15H29Br	15-bromo-2-pentadecene	---	8.13227	2507.0078	165.492	186.01	340.93	2
16539	C15H29Br3	1,1,1-tribromopentadecane	62127-71-3	7.93254	2611.9899	150.702	226.07	399.11	3
16540	C15H29Cl	1-chloro-1-pentadecene	---	6.82140	1998.7323	168.772	174.57	380.40	2
16541	C15H29Cl	cis-1-chloro-1-pentadecene	66374-78-5	6.82140	1998.7323	168.772	174.57	380.40	2
16542	C15H29Cl	trans-1-chloro-1-pentadecene	66374-79-6	6.82140	1998.7323	168.772	174.57	380.40	2
16543	C15H29Cl	2-chloro-1-pentadecene	---	6.83151	2003.4215	168.661	174.89	380.27	2
16544	C15H29Cl	3-chloro-1-pentadecene	---	6.83658	2005.7727	168.606	175.05	380.21	2
16545	C15H29Cl	4-chloro-1-pentadecene	---	6.84166	2008.1285	168.550	175.21	380.15	2
16546	C15H29Cl	5-chloro-1-pentadecene	---	6.84675	2010.4887	168.494	175.37	380.08	2
16547	C15H29Cl	6-chloro-1-pentadecene	---	6.85185	2012.8534	168.439	175.53	380.02	2
16548	C15H29Cl	7-chloro-1-pentadecene	---	6.85696	2015.2227	168.383	175.69	379.96	2
16549	C15H29Cl	8-chloro-1-pentadecene	---	6.86208	2017.5964	168.328	175.85	379.90	2
16550	C15H29Cl	9-chloro-1-pentadecene	---	6.86721	2019.9748	168.272	176.01	379.83	2
16551	C15H29Cl	10-chloro-1-pentadecene	---	6.87235	2022.3576	168.216	176.17	379.77	2
16552	C15H29Cl	11-chloro-1-pentadecene	---	6.87750	2024.7451	168.161	176.33	379.71	2
16553	C15H29Cl	12-chloro-1-pentadecene	---	6.88266	2027.1371	168.105	176.49	379.65	2
16554	C15H29Cl	13-chloro-1-pentadecene	---	6.88783	2029.5337	168.050	176.65	379.59	2
16555	C15H29Cl	14-chloro-1-pentadecene	---	6.89302	2031.9349	167.994	176.81	379.52	2
16556	C15H29Cl	15-chloro-1-pentadecene	---	6.89821	2034.3408	167.938	176.97	379.46	2
16557	C15H29Cl	1-chloro-2-pentadecene	---	6.90341	2036.7513	167.883	177.13	379.40	2
16558	C15H29Cl	2-chloro-2-pentadecene	---	6.90862	2039.1664	167.827	177.29	379.34	2
16559	C15H29Cl	3-chloro-2-pentadecene	---	6.91384	2041.5862	167.772	177.45	379.28	2
16560	C15H29Cl	4-chloro-2-pentadecene	---	6.91908	2044.0107	167.716	177.61	379.22	2

Table 1 Vapor Pressure – Organic Compounds

log ₁₀ P = A - B/(T + C) (P - mm Hg, T - C)									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
16561	C15H29Cl	5-chloro-2-pentadecene	---	6.92432	2046.4398	167.660	177.77	379.15	2
16562	C15H29Cl	6-chloro-2-pentadecene	---	6.92957	2048.8737	167.605	177.93	379.09	2
16563	C15H29Cl	7-chloro-2-pentadecene	---	6.93484	2051.3123	167.549	178.09	379.03	2
16564	C15H29Cl	8-chloro-2-pentadecene	---	6.94011	2053.7557	167.494	178.25	378.97	2
16565	C15H29Cl	9-chloro-2-pentadecene	---	6.94540	2056.2037	167.438	178.41	378.91	2
16566	C15H29Cl	10-chloro-2-pentadecene	---	6.95069	2058.6566	167.382	178.57	378.85	2
16567	C15H29Cl	11-chloro-2-pentadecene	---	6.95600	2061.1142	167.327	178.73	378.79	2
16568	C15H29Cl	12-chloro-2-pentadecene	---	6.96132	2063.5766	167.271	178.89	378.72	2
16569	C15H29Cl	13-chloro-2-pentadecene	---	6.96665	2066.0439	167.216	179.05	378.66	2
16570	C15H29Cl	14-chloro-2-pentadecene	---	6.97199	2068.5159	167.160	179.21	378.60	2
16571	C15H29Cl	15-chloro-2-pentadecene	---	6.97733	2070.9928	167.104	179.37	378.54	2
16572	C15H29Cl3	1,1,1-trichloropentadecane	62108-59-2	7.12189	2191.5154	160.710	197.27	395.51	3
16573	C15H29F	1-fluoro-1-pentadecene	---	6.40858	1754.6410	180.448	143.97	363.33	2
16574	C15H29F	cis-1-fluoro-1-pentadecene	66291-42-7	6.40858	1754.6410	180.448	143.97	363.33	2
16575	C15H29F	trans-1-fluoro-1-pentadecene	66291-43-8	6.40858	1754.6410	180.448	143.97	363.33	2
16576	C15H29F	2-fluoro-1-pentadecene	---	6.41298	1756.6345	180.393	144.13	363.27	2
16577	C15H29F	3-fluoro-1-pentadecene	---	6.41739	1758.6315	180.337	144.29	363.20	2
16578	C15H29F	4-fluoro-1-pentadecene	---	6.42181	1760.6321	180.282	144.45	363.13	2
16579	C15H29F	5-fluoro-1-pentadecene	---	6.42624	1762.6362	180.226	144.61	363.06	2
16580	C15H29F	6-fluoro-1-pentadecene	---	6.43067	1764.6440	180.170	144.77	362.99	2
16581	C15H29F	7-fluoro-1-pentadecene	---	6.43512	1766.6554	180.115	144.93	362.92	2
16582	C15H29F	8-fluoro-1-pentadecene	---	6.43957	1768.6704	180.059	145.09	362.86	2
16583	C15H29F	9-fluoro-1-pentadecene	---	6.44403	1770.6890	180.004	145.25	362.79	2
16584	C15H29F	10-fluoro-1-pentadecene	---	6.44850	1772.7112	179.948	145.41	362.72	2
16585	C15H29F	11-fluoro-1-pentadecene	---	6.45297	1774.7372	179.892	145.57	362.65	2
16586	C15H29F	12-fluoro-1-pentadecene	---	6.45746	1776.7667	179.837	145.73	362.59	2
16587	C15H29F	13-fluoro-1-pentadecene	---	6.46195	1778.8000	179.781	145.89	362.52	2
16588	C15H29F	14-fluoro-1-pentadecene	---	6.46645	1780.8369	179.726	146.05	362.45	2
16589	C15H29F	15-fluoro-1-pentadecene	---	6.47096	1782.8775	179.670	146.21	362.38	2
16590	C15H29F	1-fluoro-2-pentadecene	---	6.47548	1784.9218	179.614	146.37	362.32	2
16591	C15H29F	2-fluoro-2-pentadecene	---	6.48001	1786.9698	179.559	146.53	362.25	2
16592	C15H29F	3-fluoro-2-pentadecene	---	6.48455	1789.0216	179.503	146.69	362.18	2
16593	C15H29F	4-fluoro-2-pentadecene	---	6.48909	1791.0770	179.448	146.85	362.11	2
16594	C15H29F	5-fluoro-2-pentadecene	---	6.49365	1793.1363	179.392	147.01	362.05	2
16595	C15H29F	6-fluoro-2-pentadecene	---	6.49821	1795.1992	179.336	147.17	361.98	2
16596	C15H29F	7-fluoro-2-pentadecene	---	6.50278	1797.2660	179.281	147.33	361.91	2
16597	C15H29F	8-fluoro-2-pentadecene	---	6.50736	1799.3365	179.225	147.49	361.85	2
16598	C15H29F	9-fluoro-2-pentadecene	---	6.51194	1801.4108	179.170	147.65	361.78	2
16599	C15H29F	10-fluoro-2-pentadecene	---	6.51654	1803.4889	179.114	147.81	361.71	2
16600	C15H29F	11-fluoro-2-pentadecene	---	6.52115	1805.5707	179.058	147.97	361.64	2
16601	C15H29F	12-fluoro-2-pentadecene	---	6.52576	1807.6565	179.003	148.13	361.58	2
16602	C15H29F	13-fluoro-2-pentadecene	---	6.53038	1809.7460	178.947	148.29	361.51	2
16603	C15H29F	14-fluoro-2-pentadecene	---	6.53501	1811.8394	178.892	148.45	361.44	2
16604	C15H29F	15-fluoro-2-pentadecene	---	6.53965	1813.9366	178.836	148.61	361.38	2
16605	C15H29F3	1,1,1-trifluoropentadecane	62127-00-8	6.51573	1736.3348	192.551	122.25	328.26	3
16606	C15H29I	1-iodo-1-pentadecene	---	9.11622	2903.8409	163.212	194.57	326.11	3
16607	C15H29I	cis-1-iodo-1-pentadecene	66291-44-9	9.11622	2903.8409	163.212	194.57	326.11	3
16608	C15H29I	trans-1-iodo-1-pentadecene	66291-45-0	9.11622	2903.8409	163.212	194.57	326.11	3
16609	C15H29I	2-iodo-1-pentadecene	---	9.12176	2906.2456	163.185	194.65	326.09	3
16610	C15H29I	3-iodo-1-pentadecene	---	9.12730	2908.6538	163.157	194.73	326.07	3
16611	C15H29I	4-iodo-1-pentadecene	---	9.13286	2911.0656	163.129	194.81	326.04	3
16612	C15H29I	5-iodo-1-pentadecene	---	9.13842	2913.4808	163.101	194.89	326.02	3
16613	C15H29I	6-iodo-1-pentadecene	---	9.14399	2915.8996	163.073	194.97	326.00	3
16614	C15H29I	7-iodo-1-pentadecene	---	9.14956	2918.3220	163.046	195.05	325.97	3
16615	C15H29I	8-iodo-1-pentadecene	---	9.15515	2920.7479	163.018	195.13	325.95	3
16616	C15H29I	9-iodo-1-pentadecene	---	9.16074	2923.1774	162.990	195.21	325.93	3
16617	C15H29I	10-iodo-1-pentadecene	---	9.16635	2925.6104	162.962	195.29	325.90	3
16618	C15H29I	11-iodo-1-pentadecene	---	9.17196	2928.0471	162.934	195.37	325.88	3
16619	C15H29I	12-iodo-1-pentadecene	---	9.17758	2930.4873	162.907	195.45	325.86	3
16620	C15H29I	13-iodo-1-pentadecene	---	9.18320	2932.9311	162.879	195.53	325.83	3
16621	C15H29I	14-iodo-1-pentadecene	---	9.18884	2935.3786	162.851	195.61	325.81	3
16622	C15H29I	15-iodo-1-pentadecene	---	9.19448	2937.8296	162.823	195.69	325.79	3
16623	C15H29I	1-iodo-2-pentadecene	---	9.20014	2940.2843	162.795	195.77	325.76	3
16624	C15H29I	2-iodo-2-pentadecene	---	9.20580	2942.7426	162.768	195.85	325.74	3
16625	C15H29I	3-iodo-2-pentadecene	---	9.21147	2945.2046	162.740	195.93	325.72	3
16626	C15H29I	4-iodo-2-pentadecene	---	9.21715	2947.6702	162.712	196.01	325.69	3
16627	C15H29I	5-iodo-2-pentadecene	---	9.22283	2950.1394	162.684	196.09	325.67	3
16628	C15H29I	6-iodo-2-pentadecene	---	9.22853	2952.6123	162.656	196.17	325.65	3
16629	C15H29I	7-iodo-2-pentadecene	---	9.23423	2955.0889	162.629	196.25	325.62	3
16630	C15H29I	8-iodo-2-pentadecene	---	9.23994	2957.5692	162.601	196.33	325.60	3
16631	C15H29I	9-iodo-2-pentadecene	---	9.24567	2960.0532	162.573	196.41	325.58	3
16632	C15H29I	10-iodo-2-pentadecene	---	9.25140	2962.5408	162.545	196.49	325.55	3
16633	C15H29I	11-iodo-2-pentadecene	---	9.25713	2965.0322	162.517	196.57	325.53	3
16634	C15H29I	12-iodo-2-pentadecene	---	9.26288	2967.5273	162.490	196.65	325.51	3
16635	C15H29I	13-iodo-2-pentadecene	---	9.26864	2970.0261	162.462	196.73	325.48	3
16636	C15H29I	14-iodo-2-pentadecene	---	9.27440	2972.5286	162.434	196.81	325.46	3
16637	C15H29I	15-iodo-2-pentadecene	---	9.28018	2975.0349	162.406	196.89	325.44	3
16638	C15H29N	pentadecanenitrile	18300-91-9	7.31242	2165.2761	166.548	176.47	357.66	1,2
16639	C15H30	decylcyclopentane	1795-21-7	7.34171	2040.6083	178.394	143.38	312.15	1,2
16640	C15H30	nonylcyclohexane	2883-02-5	7.42780	2024.8332	173.463	141.55	303.42	1,2

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mm Hg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
16641	C15H30	1-ethyl-1-methyl-2,4-diisopropylcyclohexane, [1R-(1alpha,2beta,4beta)]	515-12-8	7.50591	2054.2575	179.205	136.55	295.87	2
16642	C15H30	cyclopentadecane	295-48-7	6.89551	1885.3418	184.660	135.13	323.02	3
16643	C15H30	1-pentadecene	13360-61-7	7.29420	1986.9970	181.830	133.86	301.35	1,2
16644	C15H30	cis-1-pentadecene	---	7.91005	2220.4446	181.558	139.78	288.06	2
16645	C15H30	2-pentadecene	---	8.45275	2441.4797	178.224	149.37	284.97	2
16646	C15H30	3-pentadecene	---	8.03711	2272.2579	180.726	142.17	287.27	2
16647	C15H30	4-pentadecene	---	8.08077	2290.0503	180.448	142.97	287.01	2
16648	C15H30	5-pentadecene	---	8.12503	2308.0830	180.170	143.77	286.75	2
16649	C15H30	6-pentadecene	---	8.16990	2326.3611	179.892	144.57	286.49	2
16650	C15H30	7-pentadecene	15430-98-5	7.91005	2220.4446	181.558	139.78	288.06	2
16651	C15H30	2-methyl-1-tetradecene	52254-38-3	7.49799	2069.5095	188.270	130.21	291.21	2
16652	C15H30	3-methyl-1-tetradecene	---	7.90963	2220.2747	181.560	139.77	288.06	2
16653	C15H30	4-methyl-1-tetradecene	---	7.90963	2220.2747	181.560	139.77	288.06	2
16654	C15H30	5-methyl-1-tetradecene	---	7.90963	2220.2747	181.560	139.77	288.06	2
16655	C15H30	6-methyl-1-tetradecene	---	7.90963	2220.2747	181.560	139.77	288.06	2
16656	C15H30	7-methyl-1-tetradecene	---	7.90963	2220.2747	181.560	139.77	288.06	2
16657	C15H30	8-methyl-1-tetradecene	---	7.90963	2220.2747	181.560	139.77	288.06	2
16658	C15H30	9-methyl-1-tetradecene	---	7.90963	2220.2747	181.560	139.77	288.06	2
16659	C15H30	10-methyl-1-tetradecene	---	7.90963	2220.2747	181.560	139.77	288.06	2
16660	C15H30	11-methyl-1-tetradecene	---	7.90963	2220.2747	181.560	139.77	288.06	2
16661	C15H30	12-methyl-1-tetradecene	---	7.90963	2220.2747	181.560	139.77	288.06	2
16662	C15H30	13-methyl-1-tetradecene	---	7.90963	2220.2747	181.560	139.77	288.06	2
16663	C15H30	3-methyl-2-tetradecene	---	7.90963	2220.2747	181.560	139.77	288.06	2
16664	C15H30	4-methyl-2-tetradecene	---	7.90963	2220.2747	181.560	139.77	288.06	2
16665	C15H30	5-methyl-2-tetradecene	---	7.90963	2220.2747	181.560	139.77	288.06	2
16666	C15H30	6-methyl-2-tetradecene	---	7.90963	2220.2747	181.560	139.77	288.06	2
16667	C15H30	7-methyl-2-tetradecene	---	7.90963	2220.2747	181.560	139.77	288.06	2
16668	C15H30	8-methyl-2-tetradecene	---	7.90963	2220.2747	181.560	139.77	288.06	2
16669	C15H30	9-methyl-2-tetradecene	---	7.90963	2220.2747	181.560	139.77	288.06	2
16670	C15H30	10-methyl-2-tetradecene	---	7.90963	2220.2747	181.560	139.77	288.06	2
16671	C15H30	11-methyl-2-tetradecene	---	7.90963	2220.2747	181.560	139.77	288.06	2
16672	C15H30	12-methyl-2-tetradecene	---	7.90963	2220.2747	181.560	139.77	288.06	2
16673	C15H30	13-methyl-2-tetradecene	---	7.90963	2220.2747	181.560	139.77	288.06	2
16674	C15H30	4-methyl-3-tetradecene	---	7.90963	2220.2747	181.560	139.77	288.06	2
16675	C15H30	5-methyl-3-tetradecene	---	7.90963	2220.2747	181.560	139.77	288.06	2
16676	C15H30	6-methyl-3-tetradecene	---	7.90963	2220.2747	181.560	139.77	288.06	2
16677	C15H30	7-methyl-3-tetradecene	---	7.90963	2220.2747	181.560	139.77	288.06	2
16678	C15H30	8-methyl-3-tetradecene	---	7.90963	2220.2747	181.560	139.77	288.06	2
16679	C15H30	9-methyl-3-tetradecene	---	7.90963	2220.2747	181.560	139.77	288.06	2
16680	C15H30	10-methyl-3-tetradecene	---	7.90963	2220.2747	181.560	139.77	288.06	2
16681	C15H30	11-methyl-3-tetradecene	---	7.90963	2220.2747	181.560	139.77	288.06	2
16682	C15H30	12-methyl-3-tetradecene	---	7.90963	2220.2747	181.560	139.77	288.06	2
16683	C15H30	13-methyl-3-tetradecene	---	7.90963	2220.2747	181.560	139.77	288.06	2
16684	C15H30	2,3-dimethyl-1-tridecene	---	7.63110	2106.5434	183.506	134.17	289.95	2
16685	C15H30	3,3-dimethyl-1-tridecene	---	7.63110	2106.5434	183.506	134.17	289.95	2
16686	C15H30	3,4-dimethyl-1-tridecene	---	7.63110	2106.5434	183.506	134.17	289.95	2
16687	C15H30	3,5-dimethyl-1-tridecene	---	7.63110	2106.5434	183.506	134.17	289.95	2
16688	C15H30	3,6-dimethyl-1-tridecene	---	7.63110	2106.5434	183.506	134.17	289.95	2
16689	C15H30	3,7-dimethyl-1-tridecene	---	7.63110	2106.5434	183.506	134.17	289.95	2
16690	C15H30	3,8-dimethyl-1-tridecene	---	7.63110	2106.5434	183.506	134.17	289.95	2
16691	C15H30	3,9-dimethyl-1-tridecene	---	7.63110	2106.5434	183.506	134.17	289.95	2
16692	C15H30	3,10-dimethyl-1-tridecene	---	7.63110	2106.5434	183.506	134.17	289.95	2
16693	C15H30	3,11-dimethyl-1-tridecene	---	7.63110	2106.5434	183.506	134.17	289.95	2
16694	C15H30	3,12-dimethyl-1-tridecene	---	7.63110	2106.5434	183.506	134.17	289.95	2
16695	C15H30	3,4-dimethyl-2-tridecene	---	7.63110	2106.5434	183.506	134.17	289.95	2
16696	C15H30	4,4-dimethyl-2-tridecene	---	7.63110	2106.5434	183.506	134.17	289.95	2
16697	C15H30	4,5-dimethyl-2-tridecene	---	7.63110	2106.5434	183.506	134.17	289.95	2
16698	C15H30	4,6-dimethyl-2-tridecene	---	7.63110	2106.5434	183.506	134.17	289.95	2
16699	C15H30	4,7-dimethyl-2-tridecene	---	7.63110	2106.5434	183.506	134.17	289.95	2
16700	C15H30	4,8-dimethyl-2-tridecene	---	7.63110	2106.5434	183.506	134.17	289.95	2
16701	C15H30	4,9-dimethyl-2-tridecene	---	7.63110	2106.5434	183.506	134.17	289.95	2
16702	C15H30	4,10-dimethyl-2-tridecene	---	7.63110	2106.5434	183.506	134.17	289.95	2
16703	C15H30	4,11-dimethyl-2-tridecene	---	7.63110	2106.5434	183.506	134.17	289.95	2
16704	C15H30	4,12-dimethyl-2-tridecene	---	7.63110	2106.5434	183.506	134.17	289.95	2
16705	C15H30	2-ethyl-1-tridecene	---	7.90963	2220.2747	181.560	139.77	288.06	2
16706	C15H30	3-ethyl-1-tridecene	---	7.90963	2220.2747	181.560	139.77	288.06	2
16707	C15H30	4-ethyl-1-tridecene	---	7.90963	2220.2747	181.560	139.77	288.06	2
16708	C15H30	5-ethyl-1-tridecene	---	7.90963	2220.2747	181.560	139.77	288.06	2
16709	C15H30	6-ethyl-1-tridecene	---	7.90963	2220.2747	181.560	139.77	288.06	2
16710	C15H30	7-ethyl-1-tridecene	---	7.90963	2220.2747	181.560	139.77	288.06	2
16711	C15H30	8-ethyl-1-tridecene	---	7.90963	2220.2747	181.560	139.77	288.06	2
16712	C15H30	9-ethyl-1-tridecene	---	7.90963	2220.2747	181.560	139.77	288.06	2
16713	C15H30	10-ethyl-1-tridecene	---	7.90963	2220.2747	181.560	139.77	288.06	2
16714	C15H30	11-ethyl-1-tridecene	---	7.90963	2220.2747	181.560	139.77	288.06	2
16715	C15H30	12-ethyl-1-tridecene	---	7.90963	2220.2747	181.560	139.77	288.06	2
16716	C15H30Br2	1,1-dibromopentadecane	62168-32-5	7.92974	2541.4436	157.374	209.37	377.90	3
16717	C15H30Br2	1,2-dibromopentadecane	---	7.96671	2558.6379	157.096	210.17	377.64	3
16718	C15H30Br2	1,3-dibromopentadecane	---	8.00412	2576.0320	156.818	210.97	377.38	3
16719	C15H30Br2	1,4-dibromopentadecane	---	8.04197	2593.6294	156.540	211.77	377.11	3
16720	C15H30Br2	1,5-dibromopentadecane	---	8.08027	2611.4338	156.262	212.57	376.85	3

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mm Hg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
16721	C15H30Br2	1,6-dibromopentadecane	---	8.11904	2629.4488	155.984	213.37	376.59	3
16722	C15H30Br2	1,7-dibromopentadecane	---	8.15828	2647.6783	155.706	214.17	376.34	3
16723	C15H30Br2	1,8-dibromopentadecane	---	8.19800	2666.1263	155.428	214.97	376.08	3
16724	C15H30Br2	1,9-dibromopentadecane	---	8.23820	2684.7968	155.150	215.77	375.82	3
16725	C15H30Br2	1,10-dibromopentadecane	---	8.27891	2703.6938	154.872	216.57	375.57	3
16726	C15H30Br2	1,11-dibromopentadecane	---	8.32012	2722.8218	154.594	217.37	375.32	3
16727	C15H30Br2	1,12-dibromopentadecane	---	8.36184	2742.1848	154.316	218.17	375.06	3
16728	C15H30Br2	1,13-dibromopentadecane	---	8.40409	2761.7875	154.038	218.97	374.81	3
16729	C15H30Br2	1,14-dibromopentadecane	---	8.44688	2781.6344	153.760	219.77	374.56	3
16730	C15H30Br2	1,15-dibromopentadecane	---	8.49021	2801.7301	153.482	220.57	374.31	3
16731	C15H30Br2	2,2-dibromopentadecane	---	7.58256	2379.7548	160.154	201.37	380.61	3
16732	C15H30Br2	2,3-dibromopentadecane	---	7.61554	2395.1313	159.876	202.17	380.33	3
16733	C15H30Br2	2,4-dibromopentadecane	---	7.64889	2410.6760	159.598	202.97	380.06	3
16734	C15H30Br2	2,5-dibromopentadecane	---	7.68261	2426.3917	159.320	203.77	379.79	3
16735	C15H30Br2	2,6-dibromopentadecane	---	7.71672	2442.2814	159.042	204.57	379.51	3
16736	C15H30Br2	2,7-dibromopentadecane	---	7.75121	2458.3480	158.764	205.37	379.24	3
16737	C15H30Br2	2,8-dibromopentadecane	---	7.78610	2474.5946	158.486	206.17	378.97	3
16738	C15H30Br2	2,9-dibromopentadecane	---	7.82139	2491.0242	158.208	206.97	378.70	3
16739	C15H30Br2	2,10-dibromopentadecane	---	7.85709	2507.6400	157.930	207.77	378.43	3
16740	C15H30Br2	2,11-dibromopentadecane	---	7.89321	2524.4454	157.652	208.57	378.17	3
16741	C15H30Br2	2,12-dibromopentadecane	---	7.92974	2541.4436	157.374	209.37	377.90	3
16742	C15H30Br2	2,13-dibromopentadecane	---	7.96671	2558.6379	157.096	210.17	377.64	3
16743	C15H30Br2	2,14-dibromopentadecane	---	8.00412	2576.0320	156.818	210.97	377.38	3
16744	C15H30Cl2	1,1-dichloropentadecane	822-15-1	6.86438	2071.3774	167.243	185.97	395.24	2
16745	C15H30Cl2	1,2-dichloropentadecane	---	6.71726	1993.8096	166.965	181.77	396.99	2
16746	C15H30Cl2	1,3-dichloropentadecane	---	6.74106	2005.1083	166.687	182.57	396.67	2
16747	C15H30Cl2	1,4-dichloropentadecane	---	6.76509	2016.5105	166.409	183.37	396.35	2
16748	C15H30Cl2	1,5-dichloropentadecane	---	6.78935	2028.0177	166.131	184.17	396.03	2
16749	C15H30Cl2	1,6-dichloropentadecane	---	6.81384	2039.6314	165.853	184.97	395.72	2
16750	C15H30Cl2	1,7-dichloropentadecane	---	6.83857	2051.3531	165.575	185.77	395.41	2
16751	C15H30Cl2	1,8-dichloropentadecane	---	6.86353	2063.1844	165.297	186.57	395.09	2
16752	C15H30Cl2	1,9-dichloropentadecane	---	6.88873	2075.1269	165.019	187.37	394.78	2
16753	C15H30Cl2	1,10-dichloropentadecane	---	6.91418	2087.1822	164.741	188.17	394.47	2
16754	C15H30Cl2	1,11-dichloropentadecane	---	6.93988	2099.3519	164.463	188.97	394.17	2
16755	C15H30Cl2	1,12-dichloropentadecane	---	6.96583	2111.6377	164.185	189.77	393.86	2
16756	C15H30Cl2	1,13-dichloropentadecane	---	6.99204	2124.0414	163.907	190.57	393.56	2
16757	C15H30Cl2	1,14-dichloropentadecane	---	7.01850	2136.5647	163.629	191.37	393.25	2
16758	C15H30Cl2	1,15-dichloropentadecane	---	7.04523	2149.2094	163.351	192.17	392.95	2
16759	C15H30Cl2	2,2-dichloropentadecane	---	6.46938	1875.9606	170.023	172.97	400.60	2
16760	C15H30Cl2	2,3-dichloropentadecane	---	6.49091	1886.2105	169.745	173.77	400.27	2
16761	C15H30Cl2	2,4-dichloropentadecane	---	6.51263	1896.5493	169.467	174.57	399.93	2
16762	C15H30Cl2	2,5-dichloropentadecane	---	6.53454	1906.9784	169.189	175.37	399.60	2
16763	C15H30Cl2	2,6-dichloropentadecane	---	6.55666	1917.4989	168.911	176.17	399.27	2
16764	C15H30Cl2	2,7-dichloropentadecane	---	6.57897	1928.1120	168.633	176.97	398.94	2
16765	C15H30Cl2	2,8-dichloropentadecane	---	6.60149	1938.8191	168.355	177.77	398.61	2
16766	C15H30Cl2	2,9-dichloropentadecane	---	6.62422	1949.6214	168.077	178.57	398.28	2
16767	C15H30Cl2	2,10-dichloropentadecane	---	6.64716	1960.5202	167.799	179.37	397.96	2
16768	C15H30Cl2	2,11-dichloropentadecane	---	6.67031	1971.5169	167.521	180.17	397.63	2
16769	C15H30Cl2	2,12-dichloropentadecane	---	6.69367	1982.6129	167.243	180.97	397.31	2
16770	C15H30Cl2	2,13-dichloropentadecane	---	6.71726	1993.8096	166.965	181.77	396.99	2
16771	C15H30Cl2	2,14-dichloropentadecane	---	6.74106	2005.1083	166.687	182.57	396.67	2
16772	C15H30F2	1,1-difluoropentadecane	62127-04-2	6.38112	1750.4033	182.116	143.17	365.01	3
16773	C15H30F2	1,2-difluoropentadecane	---	6.40285	1760.2946	181.838	143.97	364.67	3
16774	C15H30F2	1,3-difluoropentadecane	---	6.42479	1770.2740	181.560	144.77	364.32	3
16775	C15H30F2	1,4-difluoropentadecane	---	6.44693	1780.3429	181.282	145.57	363.98	3
16776	C15H30F2	1,5-difluoropentadecane	---	6.46928	1790.5025	181.004	146.37	363.65	3
16777	C15H30F2	1,6-difluoropentadecane	---	6.49184	1800.7541	180.726	147.17	363.31	3
16778	C15H30F2	1,7-difluoropentadecane	---	6.51461	1811.0990	180.448	147.97	362.97	3
16779	C15H30F2	1,8-difluoropentadecane	---	6.53760	1821.5385	180.170	148.77	362.64	3
16780	C15H30F2	1,9-difluoropentadecane	---	6.56080	1832.0740	179.892	149.57	362.31	3
16781	C15H30F2	1,10-difluoropentadecane	---	6.58423	1842.7067	179.614	150.37	361.98	3
16782	C15H30F2	1,11-difluoropentadecane	---	6.60788	1853.4382	179.336	151.17	361.65	3
16783	C15H30F2	1,12-difluoropentadecane	---	6.63175	1864.2699	179.058	151.97	361.32	3
16784	C15H30F2	1,13-difluoropentadecane	---	6.65586	1875.2032	178.780	152.77	361.00	3
16785	C15H30F2	1,14-difluoropentadecane	---	6.68021	1886.2395	178.502	153.57	360.68	3
16786	C15H30F2	1,15-difluoropentadecane	---	6.70479	1897.3805	178.224	154.37	360.35	3
16787	C15H30F2	2,2-difluoropentadecane	---	6.17421	1656.0889	184.896	135.17	368.54	3
16788	C15H30F2	2,3-difluoropentadecane	---	6.19408	1665.1607	184.618	135.97	368.18	3
16789	C15H30F2	2,4-difluoropentadecane	---	6.21413	1674.3096	184.340	136.77	367.82	3
16790	C15H30F2	2,5-difluoropentadecane	---	6.23435	1683.5366	184.062	137.57	367.46	3
16791	C15H30F2	2,6-difluoropentadecane	---	6.25476	1692.8428	183.784	138.37	367.11	3
16792	C15H30F2	2,7-difluoropentadecane	---	6.27535	1702.2292	183.506	139.17	366.75	3
16793	C15H30F2	2,8-difluoropentadecane	---	6.29612	1711.6969	183.228	139.97	366.40	3
16794	C15H30F2	2,9-difluoropentadecane	---	6.31708	1721.2471	182.950	140.77	366.05	3
16795	C15H30F2	2,10-difluoropentadecane	---	6.33823	1730.8808	182.672	141.57	365.70	3
16796	C15H30F2	2,11-difluoropentadecane	---	6.35958	1740.5991	182.394	142.37	365.35	3
16797	C15H30F2	2,12-difluoropentadecane	---	6.38112	1750.4033	182.116	143.17	365.01	3
16798	C15H30F2	2,13-difluoropentadecane	---	6.40285	1760.2946	181.838	143.97	364.67	3
16799	C15H30F2	2,14-difluoropentadecane	---	6.42479	1770.2740	181.560	144.77	364.32	3
16800	C15H30I2	1,1-diiodopentadecane	66325-78-8	8.97824	3268.2180	137.192	272.45	426.64	2

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mm Hg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
16801	C15H30I2	1,2-diiodopentadecane	---	9.02491	3291.5247	136.914	273.25	426.41	2
16802	C15H30I2	1,3-diiodopentadecane	---	9.07218	3315.1260	136.636	274.05	426.17	2
16803	C15H30I2	1,4-diiodopentadecane	---	9.12005	3339.0275	136.358	274.85	425.94	2
16804	C15H30I2	1,5-diiodopentadecane	---	9.16856	3363.2351	136.080	275.65	425.70	2
16805	C15H30I2	1,6-diiodopentadecane	---	9.21769	3387.7547	135.802	276.45	425.47	2
16806	C15H30I2	1,7-diiodopentadecane	---	9.26747	3412.5927	135.524	277.25	425.24	2
16807	C15H30I2	1,8-diiodopentadecane	---	9.31791	3437.7551	135.246	278.05	425.01	2
16808	C15H30I2	1,9-diiodopentadecane	---	9.36902	3463.2487	134.968	278.85	424.78	2
16809	C15H30I2	1,10-diiodopentadecane	---	9.42082	3489.0800	134.690	279.65	424.55	2
16810	C15H30I2	1,11-diiodopentadecane	---	9.47332	3515.2558	134.412	280.45	424.32	2
16811	C15H30I2	1,12-diiodopentadecane	---	9.52654	3541.7833	134.134	281.25	424.09	2
16812	C15H30I2	1,13-diiodopentadecane	---	9.58048	3568.6697	133.856	282.05	423.87	2
16813	C15H30I2	1,14-diiodopentadecane	---	9.63517	3595.9223	133.578	282.85	423.64	2
16814	C15H30I2	1,15-diiodopentadecane	---	9.69062	3623.5488	133.300	283.65	423.42	2
16815	C15H30I2	2,2-diiodopentadecane	---	8.54211	3050.1923	139.972	264.45	429.07	2
16816	C15H30I2	2,3-diiodopentadecane	---	8.58337	3070.8379	139.694	265.25	428.82	2
16817	C15H30I2	2,4-diiodopentadecane	---	8.62513	3091.7282	139.416	266.05	428.57	2
16818	C15H30I2	2,5-diiodopentadecane	---	8.66740	3112.8677	139.138	266.85	428.33	2
16819	C15H30I2	2,6-diiodopentadecane	---	8.71018	3134.2609	138.860	267.65	428.09	2
16820	C15H30I2	2,7-diiodopentadecane	---	8.75348	3155.9125	138.582	268.45	427.84	2
16821	C15H30I2	2,8-diiodopentadecane	---	8.79733	3177.8272	138.304	269.25	427.60	2
16822	C15H30I2	2,9-diiodopentadecane	---	8.84171	3200.0101	138.026	270.05	427.36	2
16823	C15H30I2	2,10-diiodopentadecane	---	8.88665	3222.4660	137.748	270.85	427.12	2
16824	C15H30I2	2,11-diiodopentadecane	---	8.93216	3245.2002	137.470	271.65	426.88	2
16825	C15H30I2	2,12-diiodopentadecane	---	8.97824	3268.2180	137.192	272.45	426.64	2
16826	C15H30I2	2,13-diiodopentadecane	---	9.02491	3291.5247	136.914	273.25	426.41	2
16827	C15H30I2	2,14-diiodopentadecane	---	9.07218	3315.1260	136.636	274.05	426.17	2
16828	C15H30O	pentadecanal	2765-11-9	8.17025	2430.4886	173.498	165.47	313.73	1,2
16829	C15H30O	2-methyltetradecanal	---	7.47283	2172.2634	175.027	160.57	331.21	2
16830	C15H30O	3-methyltetradecanal	---	7.47283	2172.2634	175.027	160.57	331.21	2
16831	C15H30O	4-methyltetradecanal	---	7.47283	2172.2634	175.027	160.57	331.21	2
16832	C15H30O	5-methyltetradecanal	---	7.47283	2172.2634	175.027	160.57	331.21	2
16833	C15H30O	6-methyltetradecanal	---	7.47283	2172.2634	175.027	160.57	331.21	2
16834	C15H30O	7-methyltetradecanal	---	7.47283	2172.2634	175.027	160.57	331.21	2
16835	C15H30O	8-methyltetradecanal	---	7.47283	2172.2634	175.027	160.57	331.21	2
16836	C15H30O	9-methyltetradecanal	---	7.47283	2172.2634	175.027	160.57	331.21	2
16837	C15H30O	10-methyltetradecanal	---	7.47283	2172.2634	175.027	160.57	331.21	2
16838	C15H30O	11-methyltetradecanal	---	7.47283	2172.2634	175.027	160.57	331.21	2
16839	C15H30O	12-methyltetradecanal	75853-50-8	7.47283	2172.2634	175.027	160.57	331.21	2
16840	C15H30O	13-methyltetradecanal	---	7.47283	2172.2634	175.027	160.57	331.21	2
16841	C15H30O	2,2-dimethyltridecanal	---	7.45594	2164.9118	175.166	160.17	331.35	2
16842	C15H30O	2,3-dimethyltridecanal	---	7.45594	2164.9118	175.166	160.17	331.35	2
16843	C15H30O	2,4-dimethyltridecanal	---	7.45594	2164.9118	175.166	160.17	331.35	2
16844	C15H30O	2,5-dimethyltridecanal	---	7.45594	2164.9118	175.166	160.17	331.35	2
16845	C15H30O	2,6-dimethyltridecanal	---	7.45594	2164.9118	175.166	160.17	331.35	2
16846	C15H30O	2,7-dimethyltridecanal	---	7.45594	2164.9118	175.166	160.17	331.35	2
16847	C15H30O	2,8-dimethyltridecanal	---	7.45594	2164.9118	175.166	160.17	331.35	2
16848	C15H30O	2,9-dimethyltridecanal	---	7.45594	2164.9118	175.166	160.17	331.35	2
16849	C15H30O	2,10-dimethyltridecanal	---	7.45594	2164.9118	175.166	160.17	331.35	2
16850	C15H30O	2,11-dimethyltridecanal	---	7.45594	2164.9118	175.166	160.17	331.35	2
16851	C15H30O	2,12-dimethyltridecanal	---	7.45594	2164.9118	175.166	160.17	331.35	2
16852	C15H30O	2-pentadecanone	2345-28-0	7.46137	2146.0868	174.471	157.67	327.01	1,2
16853	C15H30O	3-pentadecanone	---	7.48898	2155.4537	174.722	157.45	325.72	2
16854	C15H30O	4-pentadecanone	925-51-9	7.48898	2155.4537	174.722	157.45	325.72	2
16855	C15H30O	5-pentadecanone	92862-23-2	7.48898	2155.4537	174.722	157.45	325.72	2
16856	C15H30O	6-pentadecanone	1001-45-2	7.48898	2155.4537	174.722	157.45	325.72	2
16857	C15H30O	7-pentadecanone	6064-38-6	7.48898	2155.4537	174.722	157.45	325.72	2
16858	C15H30O	8-pentadecanone	818-23-5	7.46514	2144.3011	174.722	156.95	325.90	2
16859	C15H30O	3-methyl-2-tetradecanone	---	7.35442	2097.4894	175.834	154.25	326.85	2
16860	C15H30O	4-methyl-2-tetradecanone	---	7.35442	2097.4894	175.834	154.25	326.85	2
16861	C15H30O	5-methyl-2-tetradecanone	---	7.35442	2097.4894	175.834	154.25	326.85	2
16862	C15H30O	6-methyl-2-tetradecanone	---	7.35442	2097.4894	175.834	154.25	326.85	2
16863	C15H30O	7-methyl-2-tetradecanone	---	7.35442	2097.4894	175.834	154.25	326.85	2
16864	C15H30O	8-methyl-2-tetradecanone	---	7.35442	2097.4894	175.834	154.25	326.85	2
16865	C15H30O	9-methyl-2-tetradecanone	---	7.35442	2097.4894	175.834	154.25	326.85	2
16866	C15H30O	10-methyl-2-tetradecanone	---	7.35442	2097.4894	175.834	154.25	326.85	2
16867	C15H30O	2-methyl-3-tetradecanone	---	7.35442	2097.4894	175.834	154.25	326.85	2
16868	C15H30O	4-methyl-3-tetradecanone	---	7.35442	2097.4894	175.834	154.25	326.85	2
16869	C15H30O	5-methyl-3-tetradecanone	---	7.35442	2097.4894	175.834	154.25	326.85	2
16870	C15H30O	6-methyl-3-tetradecanone	---	7.35442	2097.4894	175.834	154.25	326.85	2
16871	C15H30O	7-methyl-3-tetradecanone	---	7.35442	2097.4894	175.834	154.25	326.85	2
16872	C15H30O	8-methyl-3-tetradecanone	---	7.35442	2097.4894	175.834	154.25	326.85	2
16873	C15H30O	9-methyl-3-tetradecanone	---	7.35442	2097.4894	175.834	154.25	326.85	2
16874	C15H30O	10-methyl-3-tetradecanone	---	7.35442	2097.4894	175.834	154.25	326.85	2
16875	C15H30O	2-methyl-4-tetradecanone	---	7.23852	2047.5080	176.834	151.37	327.89	2
16876	C15H30O	3-methyl-4-tetradecanone	---	7.23852	2047.5080	176.834	151.37	327.89	2
16877	C15H30O	5-methyl-4-tetradecanone	---	7.23852	2047.5080	176.834	151.37	327.89	2
16878	C15H30O	6-methyl-4-tetradecanone	---	7.23852	2047.5080	176.834	151.37	327.89	2
16879	C15H30O	7-methyl-4-tetradecanone	---	7.23852	2047.5080	176.834	151.37	327.89	2
16880	C15H30O	8-methyl-4-tetradecanone	---	7.23852	2047.5080	176.834	151.37	327.89	2

Table 1 Vapor Pressure – Organic Compounds

			log ₁₀ P = A - B/(T + C)	(P - mm Hg, T - C)					
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
16881	C15H30O	9-methyl-4-tetradecanone	---	7.23852	2047.5080	176.834	151.37	327.89	2
16882	C15H30O	10-methyl-4-tetradecanone	---	7.23852	2047.5080	176.834	151.37	327.89	2
16883	C15H30O	2-methyl-5-tetradecanone	---	7.23852	2047.5080	176.834	151.37	327.89	2
16884	C15H30O	3-methyl-5-tetradecanone	---	7.23852	2047.5080	176.834	151.37	327.89	2
16885	C15H30O	4-methyl-5-tetradecanone	---	7.23852	2047.5080	176.834	151.37	327.89	2
16886	C15H30O	6-methyl-5-tetradecanone	---	7.23852	2047.5080	176.834	151.37	327.89	2
16887	C15H30O	7-methyl-5-tetradecanone	---	7.23852	2047.5080	176.834	151.37	327.89	2
16888	C15H30O	8-methyl-5-tetradecanone	---	7.23852	2047.5080	176.834	151.37	327.89	2
16889	C15H30O	9-methyl-5-tetradecanone	---	7.23852	2047.5080	176.834	151.37	327.89	2
16890	C15H30O	10-methyl-5-tetradecanone	---	7.23852	2047.5080	176.834	151.37	327.89	2
16891	C15H30O	2-pentadecen-1-ol	---	7.24932	2189.6752	168.216	182.17	370.12	3
16892	C15H30O	3-pentadecen-1-ol	---	7.24932	2189.6752	168.216	182.17	370.12	3
16893	C15H30O	4-pentadecen-1-ol	---	7.24932	2189.6752	168.216	182.17	370.12	3
16894	C15H30O	5-pentadecen-1-ol	---	7.24932	2189.6752	168.216	182.17	370.12	3
16895	C15H30O	6-pentadecen-1-ol	---	7.24932	2189.6752	168.216	182.17	370.12	3
16896	C15H30O	7-pentadecen-1-ol	---	7.24932	2189.6752	168.216	182.17	370.12	3
16897	C15H30O	8-pentadecen-1-ol	---	7.24932	2189.6752	168.216	182.17	370.12	3
16898	C15H30O	9-pentadecen-1-ol	---	7.24932	2189.6752	168.216	182.17	370.12	3
16899	C15H30O	10-pentadecen-1-ol	---	7.24932	2189.6752	168.216	182.17	370.12	3
16900	C15H30O	11-pentadecen-1-ol	---	7.24932	2189.6752	168.216	182.17	370.12	3
16901	C15H30O	12-pentadecen-1-ol	---	7.24932	2189.6752	168.216	182.17	370.12	3
16902	C15H30O	13-pentadecen-1-ol	---	7.24932	2189.6752	168.216	182.17	370.12	3
16903	C15H30O	14-pentadecen-1-ol	---	7.24932	2189.6752	168.216	182.17	370.12	3
16904	C15H30O	1-methyl-2-tetradecen-1-ol	---	6.96751	2059.7848	170.996	174.17	373.10	3
16905	C15H30O	2-methyl-2-tetradecen-1-ol	---	6.96751	2059.7848	170.996	174.17	373.10	3
16906	C15H30O	3-methyl-2-tetradecen-1-ol	---	6.96751	2059.7848	170.996	174.17	373.10	3
16907	C15H30O	4-methyl-2-tetradecen-1-ol	---	6.96751	2059.7848	170.996	174.17	373.10	3
16908	C15H30O	5-methyl-2-tetradecen-1-ol	---	6.96751	2059.7848	170.996	174.17	373.10	3
16909	C15H30O	6-methyl-2-tetradecen-1-ol	---	6.96751	2059.7848	170.996	174.17	373.10	3
16910	C15H30O	7-methyl-2-tetradecen-1-ol	---	6.96751	2059.7848	170.996	174.17	373.10	3
16911	C15H30O	8-methyl-2-tetradecen-1-ol	---	6.96751	2059.7848	170.996	174.17	373.10	3
16912	C15H30O	9-methyl-2-tetradecen-1-ol	---	6.96751	2059.7848	170.996	174.17	373.10	3
16913	C15H30O	10-methyl-2-tetradecen-1-ol	---	6.96751	2059.7848	170.996	174.17	373.10	3
16914	C15H30O	11-methyl-2-tetradecen-1-ol	---	6.96751	2059.7848	170.996	174.17	373.10	3
16915	C15H30O	12-methyl-2-tetradecen-1-ol	---	6.96751	2059.7848	170.996	174.17	373.10	3
16916	C15H30O	13-methyl-2-tetradecen-1-ol	---	6.96751	2059.7848	170.996	174.17	373.10	3
16917	C15H30O	1-methyl-3-tetradecen-1-ol	---	6.96751	2059.7848	170.996	174.17	373.10	3
16918	C15H30O	2-methyl-3-tetradecen-1-ol	---	6.96751	2059.7848	170.996	174.17	373.10	3
16919	C15H30O	3-methyl-3-tetradecen-1-ol	---	6.96751	2059.7848	170.996	174.17	373.10	3
16920	C15H30O	4-methyl-3-tetradecen-1-ol	---	6.96751	2059.7848	170.996	174.17	373.10	3
16921	C15H30O	5-methyl-3-tetradecen-1-ol	---	6.96751	2059.7848	170.996	174.17	373.10	3
16922	C15H30O	6-methyl-3-tetradecen-1-ol	---	6.96751	2059.7848	170.996	174.17	373.10	3
16923	C15H30O	7-methyl-3-tetradecen-1-ol	---	6.96751	2059.7848	170.996	174.17	373.10	3
16924	C15H30O	8-methyl-3-tetradecen-1-ol	---	6.96751	2059.7848	170.996	174.17	373.10	3
16925	C15H30O	9-methyl-3-tetradecen-1-ol	---	6.96751	2059.7848	170.996	174.17	373.10	3
16926	C15H30O	10-methyl-3-tetradecen-1-ol	---	6.96751	2059.7848	170.996	174.17	373.10	3
16927	C15H30O	11-methyl-3-tetradecen-1-ol	---	6.96751	2059.7848	170.996	174.17	373.10	3
16928	C15H30O	12-methyl-3-tetradecen-1-ol	---	6.96751	2059.7848	170.996	174.17	373.10	3
16929	C15H30O	13-methyl-3-tetradecen-1-ol	---	6.96751	2059.7848	170.996	174.17	373.10	3
16930	C15H30O	1-methyl-4-tetradecen-1-ol	---	6.96751	2059.7848	170.996	174.17	373.10	3
16931	C15H30O	2-methyl-4-tetradecen-1-ol	---	6.96751	2059.7848	170.996	174.17	373.10	3
16932	C15H30O	3-methyl-4-tetradecen-1-ol	---	6.96751	2059.7848	170.996	174.17	373.10	3
16933	C15H30O	4-methyl-4-tetradecen-1-ol	---	6.96751	2059.7848	170.996	174.17	373.10	3
16934	C15H30O	5-methyl-4-tetradecen-1-ol	---	6.96751	2059.7848	170.996	174.17	373.10	3
16935	C15H30O	6-methyl-4-tetradecen-1-ol	---	6.96751	2059.7848	170.996	174.17	373.10	3
16936	C15H30O	7-methyl-4-tetradecen-1-ol	---	6.96751	2059.7848	170.996	174.17	373.10	3
16937	C15H30O	8-methyl-4-tetradecen-1-ol	---	6.96751	2059.7848	170.996	174.17	373.10	3
16938	C15H30O	9-methyl-4-tetradecen-1-ol	---	6.96751	2059.7848	170.996	174.17	373.10	3
16939	C15H30O	10-methyl-4-tetradecen-1-ol	---	6.96751	2059.7848	170.996	174.17	373.10	3
16940	C15H30O	11-methyl-4-tetradecen-1-ol	---	6.96751	2059.7848	170.996	174.17	373.10	3
16941	C15H30O	12-methyl-4-tetradecen-1-ol	---	6.96751	2059.7848	170.996	174.17	373.10	3
16942	C15H30O	13-methyl-4-tetradecen-1-ol	---	6.96751	2059.7848	170.996	174.17	373.10	3
16943	C15H30O	1-methyl-5-tetradecen-1-ol	---	6.96751	2059.7848	170.996	174.17	373.10	3
16944	C15H30O	2-methyl-5-tetradecen-1-ol	---	6.96751	2059.7848	170.996	174.17	373.10	3
16945	C15H30O	3-methyl-5-tetradecen-1-ol	---	6.96751	2059.7848	170.996	174.17	373.10	3
16946	C15H30O	4-methyl-5-tetradecen-1-ol	---	6.96751	2059.7848	170.996	174.17	373.10	3
16947	C15H30O	5-methyl-5-tetradecen-1-ol	---	6.96751	2059.7848	170.996	174.17	373.10	3
16948	C15H30O	6-methyl-5-tetradecen-1-ol	---	6.96751	2059.7848	170.996	174.17	373.10	3
16949	C15H30O	7-methyl-5-tetradecen-1-ol	---	6.96751	2059.7848	170.996	174.17	373.10	3
16950	C15H30O	8-methyl-5-tetradecen-1-ol	---	6.96751	2059.7848	170.996	174.17	373.10	3
16951	C15H30O	9-methyl-5-tetradecen-1-ol	---	6.96751	2059.7848	170.996	174.17	373.10	3
16952	C15H30O	10-methyl-5-tetradecen-1-ol	---	6.96751	2059.7848	170.996	174.17	373.10	3
16953	C15H30O	11-methyl-5-tetradecen-1-ol	---	6.96751	2059.7848	170.996	174.17	373.10	3
16954	C15H30O	12-methyl-5-tetradecen-1-ol	---	6.96751	2059.7848	170.996	174.17	373.10	3
16955	C15H30O	13-methyl-5-tetradecen-1-ol	---	6.96751	2059.7848	170.996	174.17	373.10	3
16956	C15H30O	1-methyl-6-tetradecen-1-ol	---	6.96751	2059.7848	170.996	174.17	373.10	3
16957	C15H30O	2-methyl-6-tetradecen-1-ol	---	6.96751	2059.7848	170.996	174.17	373.10	3
16958	C15H30O	3-methyl-6-tetradecen-1-ol	---	6.96751	2059.7848	170.996	174.17	373.10	3
16959	C15H30O	4-methyl-6-tetradecen-1-ol	---	6.96751	2059.7848	170.996	174.17	373.10	3
16960	C15H30O	5-methyl-6-tetradecen-1-ol	---	6.96751	2059.7848	170.996	174.17	373.10	3

Table 1 Vapor Pressure – Organic Compounds

log ₁₀ P = A - B/(T + C) (P - mm Hg, T - C)									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
16961	C15H30O	6-methyl-6-tetradecen-1-ol	---	6.96751	2059.7848	170.996	174.17	373.10	3
16962	C15H30O	7-methyl-6-tetradecen-1-ol	---	6.96751	2059.7848	170.996	174.17	373.10	3
16963	C15H30O	8-methyl-6-tetradecen-1-ol	---	6.96751	2059.7848	170.996	174.17	373.10	3
16964	C15H30O	9-methyl-6-tetradecen-1-ol	---	6.96751	2059.7848	170.996	174.17	373.10	3
16965	C15H30O	10-methyl-6-tetradecen-1-ol	---	6.96751	2059.7848	170.996	174.17	373.10	3
16966	C15H30O	11-methyl-6-tetradecen-1-ol	---	6.96751	2059.7848	170.996	174.17	373.10	3
16967	C15H30O	12-methyl-6-tetradecen-1-ol	---	6.96751	2059.7848	170.996	174.17	373.10	3
16968	C15H30O	13-methyl-6-tetradecen-1-ol	---	6.96751	2059.7848	170.996	174.17	373.10	3
16969	C15H30O	1-methyl-7-tetradecen-1-ol	---	6.96751	2059.7848	170.996	174.17	373.10	3
16970	C15H30O	2-methyl-7-tetradecen-1-ol	---	6.96751	2059.7848	170.996	174.17	373.10	3
16971	C15H30O	3-methyl-7-tetradecen-1-ol	---	6.96751	2059.7848	170.996	174.17	373.10	3
16972	C15H30O	4-methyl-7-tetradecen-1-ol	---	6.96751	2059.7848	170.996	174.17	373.10	3
16973	C15H30O	5-methyl-7-tetradecen-1-ol	---	6.96751	2059.7848	170.996	174.17	373.10	3
16974	C15H30O	6-methyl-7-tetradecen-1-ol	---	6.96751	2059.7848	170.996	174.17	373.10	3
16975	C15H30O	7-methyl-7-tetradecen-1-ol	---	6.96751	2059.7848	170.996	174.17	373.10	3
16976	C15H30O	8-methyl-7-tetradecen-1-ol	---	6.96751	2059.7848	170.996	174.17	373.10	3
16977	C15H30O	9-methyl-7-tetradecen-1-ol	---	6.96751	2059.7848	170.996	174.17	373.10	3
16978	C15H30O	10-methyl-7-tetradecen-1-ol	---	6.96751	2059.7848	170.996	174.17	373.10	3
16979	C15H30O	11-methyl-7-tetradecen-1-ol	---	6.96751	2059.7848	170.996	174.17	373.10	3
16980	C15H30O	12-methyl-7-tetradecen-1-ol	---	6.96751	2059.7848	170.996	174.17	373.10	3
16981	C15H30O	13-methyl-7-tetradecen-1-ol	---	6.96751	2059.7848	170.996	174.17	373.10	3
16982	C15H30O	1-methyl-8-tetradecen-1-ol	---	6.96751	2059.7848	170.996	174.17	373.10	3
16983	C15H30O	2-methyl-8-tetradecen-1-ol	---	6.96751	2059.7848	170.996	174.17	373.10	3
16984	C15H30O	3-methyl-8-tetradecen-1-ol	---	6.96751	2059.7848	170.996	174.17	373.10	3
16985	C15H30O	4-methyl-8-tetradecen-1-ol	---	6.96751	2059.7848	170.996	174.17	373.10	3
16986	C15H30O	5-methyl-8-tetradecen-1-ol	---	6.96751	2059.7848	170.996	174.17	373.10	3
16987	C15H30O	6-methyl-8-tetradecen-1-ol	---	6.96751	2059.7848	170.996	174.17	373.10	3
16988	C15H30O	7-methyl-8-tetradecen-1-ol	---	6.96751	2059.7848	170.996	174.17	373.10	3
16989	C15H30O	8-methyl-8-tetradecen-1-ol	---	6.96751	2059.7848	170.996	174.17	373.10	3
16990	C15H30O	9-methyl-8-tetradecen-1-ol	---	6.96751	2059.7848	170.996	174.17	373.10	3
16991	C15H30O	10-methyl-8-tetradecen-1-ol	---	6.96751	2059.7848	170.996	174.17	373.10	3
16992	C15H30O	11-methyl-8-tetradecen-1-ol	---	6.96751	2059.7848	170.996	174.17	373.10	3
16993	C15H30O	12-methyl-8-tetradecen-1-ol	---	6.96751	2059.7848	170.996	174.17	373.10	3
16994	C15H30O	13-methyl-8-tetradecen-1-ol	---	6.96751	2059.7848	170.996	174.17	373.10	3
16995	C15H30O	1-methyl-9-tetradecen-1-ol	---	6.96751	2059.7848	170.996	174.17	373.10	3
16996	C15H30O	2-methyl-9-tetradecen-1-ol	---	6.96751	2059.7848	170.996	174.17	373.10	3
16997	C15H30O	3-methyl-9-tetradecen-1-ol	---	6.96751	2059.7848	170.996	174.17	373.10	3
16998	C15H30O	4-methyl-9-tetradecen-1-ol	---	6.96751	2059.7848	170.996	174.17	373.10	3
16999	C15H30O	5-methyl-9-tetradecen-1-ol	---	6.96751	2059.7848	170.996	174.17	373.10	3
17000	C15H30O	6-methyl-9-tetradecen-1-ol	---	6.96751	2059.7848	170.996	174.17	373.10	3
17001	C15H30O	7-methyl-9-tetradecen-1-ol	---	6.96751	2059.7848	170.996	174.17	373.10	3
17002	C15H30O	8-methyl-9-tetradecen-1-ol	---	6.96751	2059.7848	170.996	174.17	373.10	3
17003	C15H30O	9-methyl-9-tetradecen-1-ol	---	6.96751	2059.7848	170.996	174.17	373.10	3
17004	C15H30O	10-methyl-9-tetradecen-1-ol	---	6.96751	2059.7848	170.996	174.17	373.10	3
17005	C15H30O	11-methyl-9-tetradecen-1-ol	---	6.96751	2059.7848	170.996	174.17	373.10	3
17006	C15H30O	12-methyl-9-tetradecen-1-ol	---	6.96751	2059.7848	170.996	174.17	373.10	3
17007	C15H30O	13-methyl-9-tetradecen-1-ol	---	6.96751	2059.7848	170.996	174.17	373.10	3
17008	C15H30O	1-methyl-10-tetradecen-1-ol	---	6.96751	2059.7848	170.996	174.17	373.10	3
17009	C15H30O	2-methyl-10-tetradecen-1-ol	---	6.96751	2059.7848	170.996	174.17	373.10	3
17010	C15H30O	3-methyl-10-tetradecen-1-ol	---	6.96751	2059.7848	170.996	174.17	373.10	3
17011	C15H30O	4-methyl-10-tetradecen-1-ol	---	6.96751	2059.7848	170.996	174.17	373.10	3
17012	C15H30O	5-methyl-10-tetradecen-1-ol	---	6.96751	2059.7848	170.996	174.17	373.10	3
17013	C15H30O	6-methyl-10-tetradecen-1-ol	---	6.96751	2059.7848	170.996	174.17	373.10	3
17014	C15H30O	7-methyl-10-tetradecen-1-ol	---	6.96751	2059.7848	170.996	174.17	373.10	3
17015	C15H30O	8-methyl-10-tetradecen-1-ol	---	6.96751	2059.7848	170.996	174.17	373.10	3
17016	C15H30O	9-methyl-10-tetradecen-1-ol	---	6.96751	2059.7848	170.996	174.17	373.10	3
17017	C15H30O	10-methyl-10-tetradecen-1-ol	---	6.96751	2059.7848	170.996	174.17	373.10	3
17018	C15H30O	11-methyl-10-tetradecen-1-ol	---	6.96751	2059.7848	170.996	174.17	373.10	3
17019	C15H30O	12-methyl-10-tetradecen-1-ol	---	6.96751	2059.7848	170.996	174.17	373.10	3
17020	C15H30O	13-methyl-10-tetradecen-1-ol	---	6.96751	2059.7848	170.996	174.17	373.10	3
17021	C15H30O	1-pentadecen-3-ol	99814-65-0	6.96751	2059.7848	170.996	174.17	373.10	3
17022	C15H30O2	pentadecanoic acid	1002-84-2	7.89791	2486.3130	161.795	198.65	365.41	2
17023	C15H30O2	2-methyltetradecanoic acid	6683-71-2	7.83931	2459.4801	162.239	197.37	365.83	2
17024	C15H30O2	3-methyltetradecanoic acid	---	7.83931	2459.4801	162.239	197.37	365.83	2
17025	C15H30O2	4-methyltetradecanoic acid	---	7.83931	2459.4801	162.239	197.37	365.83	2
17026	C15H30O2	5-methyltetradecanoic acid	---	7.83931	2459.4801	162.239	197.37	365.83	2
17027	C15H30O2	6-methyltetradecanoic acid	---	7.83931	2459.4801	162.239	197.37	365.83	2
17028	C15H30O2	7-methyltetradecanoic acid	---	7.83931	2459.4801	162.239	197.37	365.83	2
17029	C15H30O2	8-methyltetradecanoic acid	---	7.83931	2459.4801	162.239	197.37	365.83	2
17030	C15H30O2	9-methyltetradecanoic acid	---	7.83931	2459.4801	162.239	197.37	365.83	2
17031	C15H30O2	10-methyltetradecanoic acid	---	7.83931	2459.4801	162.239	197.37	365.83	2
17032	C15H30O2	11-methyltetradecanoic acid	---	7.83931	2459.4801	162.239	197.37	365.83	2
17033	C15H30O2	12-methyltetradecanoic acid	5502-94-3	7.83931	2459.4801	162.239	197.37	365.83	2
17034	C15H30O2	13-methyltetradecanoic acid	50973-09-6	7.83931	2459.4801	162.239	197.37	365.83	2
17035	C15H30O2	2,2-dimethyltridecanoic acid	---	7.56209	2332.3845	164.463	190.97	368.01	2
17036	C15H30O2	2,3-dimethyltridecanoic acid	---	7.56209	2332.3845	164.463	190.97	368.01	2
17037	C15H30O2	2,4-dimethyltridecanoic acid	---	7.56209	2332.3845	164.463	190.97	368.01	2
17038	C15H30O2	2,5-dimethyltridecanoic acid	---	7.56209	2332.3845	164.463	190.97	368.01	2
17039	C15H30O2	2,6-dimethyltridecanoic acid	---	7.56209	2332.3845	164.463	190.97	368.01	2
17040	C15H30O2	2,7-dimethyltridecanoic acid	---	7.56209	2332.3845	164.463	190.97	368.01	2

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mm Hg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
17041	C15H30O2	2,8-dimethyltridecanoic acid	---	7.56209	2332.3845	164.463	190.97	368.01	2
17042	C15H30O2	2,9-dimethyltridecanoic acid	---	7.56209	2332.3845	164.463	190.97	368.01	2
17043	C15H30O2	2,10-dimethyltridecanoic acid	---	7.56209	2332.3845	164.463	190.97	368.01	2
17044	C15H30O2	2,11-dimethyltridecanoic acid	---	7.56209	2332.3845	164.463	190.97	368.01	2
17045	C15H30O2	2,12-dimethyltridecanoic acid	---	7.56209	2332.3845	164.463	190.97	368.01	2
17046	C15H30O2	2-ethyltridecanoic acid	69868-07-1	7.69752	2394.5069	163.351	194.17	366.91	2
17047	C15H30O2	3-ethyltridecanoic acid	---	7.69752	2394.5069	163.351	194.17	366.91	2
17048	C15H30O2	4-ethyltridecanoic acid	---	7.69752	2394.5069	163.351	194.17	366.91	2
17049	C15H30O2	5-ethyltridecanoic acid	---	7.69752	2394.5069	163.351	194.17	366.91	2
17050	C15H30O2	6-ethyltridecanoic acid	---	7.69752	2394.5069	163.351	194.17	366.91	2
17051	C15H30O2	7-ethyltridecanoic acid	---	7.69752	2394.5069	163.351	194.17	366.91	2
17052	C15H30O2	8-ethyltridecanoic acid	---	7.69752	2394.5069	163.351	194.17	366.91	2
17053	C15H30O2	9-ethyltridecanoic acid	---	7.69752	2394.5069	163.351	194.17	366.91	2
17054	C15H30O2	10-ethyltridecanoic acid	---	7.69752	2394.5069	163.351	194.17	366.91	2
17055	C15H30O2	11-ethyltridecanoic acid	---	7.69752	2394.5069	163.351	194.17	366.91	2
17056	C15H30O2	tetradecyl formate	5451-63-8	9.88938	3148.7637	164.046	190.17	305.39	2
17057	C15H30O2	1-methyltridecyl formate	---	9.25006	2879.2413	166.826	182.17	307.65	2
17058	C15H30O2	2-methyltridecyl formate	---	9.25006	2879.2413	166.826	182.17	307.65	2
17059	C15H30O2	3-methyltridecyl formate	---	9.25006	2879.2413	166.826	182.17	307.65	2
17060	C15H30O2	4-methyltridecyl formate	---	9.25006	2879.2413	166.826	182.17	307.65	2
17061	C15H30O2	5-methyltridecyl formate	---	9.25006	2879.2413	166.826	182.17	307.65	2
17062	C15H30O2	6-methyltridecyl formate	---	9.25006	2879.2413	166.826	182.17	307.65	2
17063	C15H30O2	7-methyltridecyl formate	---	9.25006	2879.2413	166.826	182.17	307.65	2
17064	C15H30O2	8-methyltridecyl formate	---	9.25006	2879.2413	166.826	182.17	307.65	2
17065	C15H30O2	9-methyltridecyl formate	---	9.25006	2879.2413	166.826	182.17	307.65	2
17066	C15H30O2	10-methyltridecyl formate	---	9.25006	2879.2413	166.826	182.17	307.65	2
17067	C15H30O2	11-methyltridecyl formate	---	9.25006	2879.2413	166.826	182.17	307.65	2
17068	C15H30O2	12-methyltridecyl formate	---	9.25006	2879.2413	166.826	182.17	307.65	2
17069	C15H30O2	1,1-dimethyldodecyl formate	---	8.70285	2648.0574	169.606	174.17	310.03	2
17070	C15H30O2	1,2-dimethyldodecyl formate	---	8.70285	2648.0574	169.606	174.17	310.03	2
17071	C15H30O2	1,3-dimethyldodecyl formate	---	8.70285	2648.0574	169.606	174.17	310.03	2
17072	C15H30O2	1,4-dimethyldodecyl formate	---	8.70285	2648.0574	169.606	174.17	310.03	2
17073	C15H30O2	1,5-dimethyldodecyl formate	---	8.70285	2648.0574	169.606	174.17	310.03	2
17074	C15H30O2	1,6-dimethyldodecyl formate	---	8.70285	2648.0574	169.606	174.17	310.03	2
17075	C15H30O2	1,7-dimethyldodecyl formate	---	8.70285	2648.0574	169.606	174.17	310.03	2
17076	C15H30O2	1,8-dimethyldodecyl formate	---	8.70285	2648.0574	169.606	174.17	310.03	2
17077	C15H30O2	1,9-dimethyldodecyl formate	---	8.70285	2648.0574	169.606	174.17	310.03	2
17078	C15H30O2	1,10-dimethyldodecyl formate	---	8.70285	2648.0574	169.606	174.17	310.03	2
17079	C15H30O2	1,11-dimethyldodecyl formate	---	8.70285	2648.0574	169.606	174.17	310.03	2
17080	C15H30O2	1-ethyldodecyl formate	---	8.91199	2736.4763	168.494	177.37	309.06	2
17081	C15H30O2	2-ethyldodecyl formate	---	8.91199	2736.4763	168.494	177.37	309.06	2
17082	C15H30O2	3-ethyldodecyl formate	---	8.91199	2736.4763	168.494	177.37	309.06	2
17083	C15H30O2	4-ethyldodecyl formate	---	8.91199	2736.4763	168.494	177.37	309.06	2
17084	C15H30O2	5-ethyldodecyl formate	---	8.91199	2736.4763	168.494	177.37	309.06	2
17085	C15H30O2	6-ethyldodecyl formate	---	8.91199	2736.4763	168.494	177.37	309.06	2
17086	C15H30O2	7-ethyldodecyl formate	---	8.91199	2736.4763	168.494	177.37	309.06	2
17087	C15H30O2	8-ethyldodecyl formate	---	8.91199	2736.4763	168.494	177.37	309.06	2
17088	C15H30O2	9-ethyldodecyl formate	---	8.91199	2736.4763	168.494	177.37	309.06	2
17089	C15H30O2	10-ethyldodecyl formate	---	8.91199	2736.4763	168.494	177.37	309.06	2
17090	C15H30O2	11-ethyldodecyl formate	---	8.91199	2736.4763	168.494	177.37	309.06	2
17091	C15H30O2	tridecyl acetate	1072-33-9	9.19155	2854.5439	167.104	181.37	307.88	2
17092	C15H30O2	1-methyldodecyl acetate	---	8.65243	2626.7310	169.884	173.37	310.27	2
17093	C15H30O2	2-methyldodecyl acetate	---	8.65243	2626.7310	169.884	173.37	310.27	2
17094	C15H30O2	3-methyldodecyl acetate	---	8.65243	2626.7310	169.884	173.37	310.27	2
17095	C15H30O2	4-methyldodecyl acetate	---	8.65243	2626.7310	169.884	173.37	310.27	2
17096	C15H30O2	5-methyldodecyl acetate	---	8.65243	2626.7310	169.884	173.37	310.27	2
17097	C15H30O2	6-methyldodecyl acetate	---	8.65243	2626.7310	169.884	173.37	310.27	2
17098	C15H30O2	7-methyldodecyl acetate	---	8.65243	2626.7310	169.884	173.37	310.27	2
17099	C15H30O2	8-methyldodecyl acetate	---	8.65243	2626.7310	169.884	173.37	310.27	2
17100	C15H30O2	9-methyldodecyl acetate	---	8.65243	2626.7310	169.884	173.37	310.27	2
17101	C15H30O2	10-methyldodecyl acetate	---	8.65243	2626.7310	169.884	173.37	310.27	2
17102	C15H30O2	11-methyldodecyl acetate	---	8.65243	2626.7310	169.884	173.37	310.27	2
17103	C15H30O2	1,1-dimethylundecyl acetate	---	8.18529	2428.8739	172.664	165.37	312.78	2
17104	C15H30O2	1,2-dimethylundecyl acetate	---	8.18529	2428.8739	172.664	165.37	312.78	2
17105	C15H30O2	1,3-dimethylundecyl acetate	---	8.18529	2428.8739	172.664	165.37	312.78	2
17106	C15H30O2	1,4-dimethylundecyl acetate	---	8.18529	2428.8739	172.664	165.37	312.78	2
17107	C15H30O2	1,5-dimethylundecyl acetate	---	8.18529	2428.8739	172.664	165.37	312.78	2
17108	C15H30O2	1,6-dimethylundecyl acetate	---	8.18529	2428.8739	172.664	165.37	312.78	2
17109	C15H30O2	1,7-dimethylundecyl acetate	---	8.18529	2428.8739	172.664	165.37	312.78	2
17110	C15H30O2	1,8-dimethylundecyl acetate	---	8.18529	2428.8739	172.664	165.37	312.78	2
17111	C15H30O2	1,9-dimethylundecyl acetate	---	8.18529	2428.8739	172.664	165.37	312.78	2
17112	C15H30O2	1,10-dimethylundecyl acetate	---	8.18529	2428.8739	172.664	165.37	312.78	2
17113	C15H30O2	1-ethylundecyl acetate	---	8.36446	2504.8165	171.552	168.57	311.76	2
17114	C15H30O2	2-ethylundecyl acetate	---	8.36446	2504.8165	171.552	168.57	311.76	2
17115	C15H30O2	3-ethylundecyl acetate	---	8.36446	2504.8165	171.552	168.57	311.76	2
17116	C15H30O2	4-ethylundecyl acetate	---	8.36446	2504.8165	171.552	168.57	311.76	2
17117	C15H30O2	5-ethylundecyl acetate	---	8.36446	2504.8165	171.552	168.57	311.76	2
17118	C15H30O2	6-ethylundecyl acetate	---	8.36446	2504.8165	171.552	168.57	311.76	2
17119	C15H30O2	7-ethylundecyl acetate	---	8.36446	2504.8165	171.552	168.57	311.76	2
17120	C15H30O2	8-ethylundecyl acetate	---	8.36446	2504.8165	171.552	168.57	311.76	2

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mm Hg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
17121	C15H30O2	9-ethylundecyl acetate	---	8.36446	2504.8165	171.552	168.57	311.76	2
17122	C15H30O2	10-ethylundecyl acetate	---	8.36446	2504.8165	171.552	168.57	311.76	2
17123	C15H30O2	dodecyl propanoate	6221-93-8	8.54221	2575.7813	169.745	171.77	310.78	2
17124	C15H30O2	1-methylundecyl propanoate	---	8.08848	2383.8230	172.525	163.77	313.31	2
17125	C15H30O2	2-methylundecyl propanoate	---	8.08848	2383.8230	172.525	163.77	313.31	2
17126	C15H30O2	3-methylundecyl propanoate	---	8.08848	2383.8230	172.525	163.77	313.31	2
17127	C15H30O2	4-methylundecyl propanoate	---	8.08848	2383.8230	172.525	163.77	313.31	2
17128	C15H30O2	5-methylundecyl propanoate	---	8.08848	2383.8230	172.525	163.77	313.31	2
17129	C15H30O2	6-methylundecyl propanoate	---	8.08848	2383.8230	172.525	163.77	313.31	2
17130	C15H30O2	7-methylundecyl propanoate	---	8.08848	2383.8230	172.525	163.77	313.31	2
17131	C15H30O2	8-methylundecyl propanoate	---	8.08848	2383.8230	172.525	163.77	313.31	2
17132	C15H30O2	9-methylundecyl propanoate	---	8.08848	2383.8230	172.525	163.77	313.31	2
17133	C15H30O2	10-methylundecyl propanoate	---	8.08848	2383.8230	172.525	163.77	313.31	2
17134	C15H30O2	1,1-dimethyldecyl propanoate	---	7.69083	2215.1677	175.305	155.77	315.97	2
17135	C15H30O2	1,2-dimethyldecyl propanoate	---	7.69083	2215.1677	175.305	155.77	315.97	2
17136	C15H30O2	1,3-dimethyldecyl propanoate	---	7.69083	2215.1677	175.305	155.77	315.97	2
17137	C15H30O2	1,4-dimethyldecyl propanoate	---	7.69083	2215.1677	175.305	155.77	315.97	2
17138	C15H30O2	1,5-dimethyldecyl propanoate	---	7.69083	2215.1677	175.305	155.77	315.97	2
17139	C15H30O2	1,6-dimethyldecyl propanoate	---	7.69083	2215.1677	175.305	155.77	315.97	2
17140	C15H30O2	1,7-dimethyldecyl propanoate	---	7.69083	2215.1677	175.305	155.77	315.97	2
17141	C15H30O2	1,8-dimethyldecyl propanoate	---	7.69083	2215.1677	175.305	155.77	315.97	2
17142	C15H30O2	1,9-dimethyldecyl propanoate	---	7.69083	2215.1677	175.305	155.77	315.97	2
17143	C15H30O2	1-ethyldecyl propanoate	---	7.84384	2280.1169	174.193	158.97	314.89	2
17144	C15H30O2	2-ethyldecyl propanoate	---	7.84384	2280.1169	174.193	158.97	314.89	2
17145	C15H30O2	3-ethyldecyl propanoate	---	7.84384	2280.1169	174.193	158.97	314.89	2
17146	C15H30O2	4-ethyldecyl propanoate	---	7.84384	2280.1169	174.193	158.97	314.89	2
17147	C15H30O2	5-ethyldecyl propanoate	---	7.84384	2280.1169	174.193	158.97	314.89	2
17148	C15H30O2	6-ethyldecyl propanoate	---	7.84384	2280.1169	174.193	158.97	314.89	2
17149	C15H30O2	7-ethyldecyl propanoate	---	7.84384	2280.1169	174.193	158.97	314.89	2
17150	C15H30O2	8-ethyldecyl propanoate	---	7.84384	2280.1169	174.193	158.97	314.89	2
17151	C15H30O2	9-ethyldecyl propanoate	---	7.84384	2280.1169	174.193	158.97	314.89	2
17152	C15H30O2	undecyl butanoate	5461-02-9	8.15269	2411.0175	172.108	164.97	312.92	2
17153	C15H30O2	1-methyldecyl butanoate	---	7.74731	2239.1518	174.888	156.97	315.57	2
17154	C15H30O2	2-methyldecyl butanoate	---	7.74731	2239.1518	174.888	156.97	315.57	2
17155	C15H30O2	3-methyldecyl butanoate	---	7.74731	2239.1518	174.888	156.97	315.57	2
17156	C15H30O2	4-methyldecyl butanoate	---	7.74731	2239.1518	174.888	156.97	315.57	2
17157	C15H30O2	5-methyldecyl butanoate	---	7.74731	2239.1518	174.888	156.97	315.57	2
17158	C15H30O2	6-methyldecyl butanoate	---	7.74731	2239.1518	174.888	156.97	315.57	2
17159	C15H30O2	7-methyldecyl butanoate	---	7.74731	2239.1518	174.888	156.97	315.57	2
17160	C15H30O2	8-methyldecyl butanoate	---	7.74731	2239.1518	174.888	156.97	315.57	2
17161	C15H30O2	9-methyldecyl butanoate	---	7.74731	2239.1518	174.888	156.97	315.57	2
17162	C15H30O2	1,1-dimethylnonyl butanoate	---	7.38953	2087.0668	177.668	148.97	318.34	2
17163	C15H30O2	1,2-dimethylnonyl butanoate	---	7.38953	2087.0668	177.668	148.97	318.34	2
17164	C15H30O2	1,3-dimethylnonyl butanoate	---	7.38953	2087.0668	177.668	148.97	318.34	2
17165	C15H30O2	1,4-dimethylnonyl butanoate	---	7.38953	2087.0668	177.668	148.97	318.34	2
17166	C15H30O2	1,5-dimethylnonyl butanoate	---	7.38953	2087.0668	177.668	148.97	318.34	2
17167	C15H30O2	1,6-dimethylnonyl butanoate	---	7.38953	2087.0668	177.668	148.97	318.34	2
17168	C15H30O2	1,7-dimethylnonyl butanoate	---	7.38953	2087.0668	177.668	148.97	318.34	2
17169	C15H30O2	1,8-dimethylnonyl butanoate	---	7.38953	2087.0668	177.668	148.97	318.34	2
17170	C15H30O2	1-ethylnonyl butanoate	---	7.52748	2145.7555	176.556	152.17	317.22	2
17171	C15H30O2	2-ethylnonyl butanoate	---	7.52748	2145.7555	176.556	152.17	317.22	2
17172	C15H30O2	3-ethylnonyl butanoate	---	7.52748	2145.7555	176.556	152.17	317.22	2
17173	C15H30O2	4-ethylnonyl butanoate	---	7.52748	2145.7555	176.556	152.17	317.22	2
17174	C15H30O2	5-ethylnonyl butanoate	---	7.52748	2145.7555	176.556	152.17	317.22	2
17175	C15H30O2	6-ethylnonyl butanoate	---	7.52748	2145.7555	176.556	152.17	317.22	2
17176	C15H30O2	7-ethylnonyl butanoate	---	7.52748	2145.7555	176.556	152.17	317.22	2
17177	C15H30O2	8-ethylnonyl butanoate	---	7.52748	2145.7555	176.556	152.17	317.22	2
17178	C15H30O2	undecyl isobutanoate	5458-40-2	7.74731	2239.1518	174.888	156.97	315.57	2
17179	C15H30O2	1-methyldecyl isobutanoate	---	7.38953	2087.0668	177.668	148.97	318.34	2
17180	C15H30O2	2-methyldecyl isobutanoate	---	7.38953	2087.0668	177.668	148.97	318.34	2
17181	C15H30O2	3-methyldecyl isobutanoate	---	7.38953	2087.0668	177.668	148.97	318.34	2
17182	C15H30O2	4-methyldecyl isobutanoate	---	7.38953	2087.0668	177.668	148.97	318.34	2
17183	C15H30O2	5-methyldecyl isobutanoate	---	7.38953	2087.0668	177.668	148.97	318.34	2
17184	C15H30O2	6-methyldecyl isobutanoate	---	7.38953	2087.0668	177.668	148.97	318.34	2
17185	C15H30O2	7-methyldecyl isobutanoate	---	7.38953	2087.0668	177.668	148.97	318.34	2
17186	C15H30O2	8-methyldecyl isobutanoate	---	7.38953	2087.0668	177.668	148.97	318.34	2
17187	C15H30O2	9-methyldecyl isobutanoate	---	7.38953	2087.0668	177.668	148.97	318.34	2
17188	C15H30O2	1,1-dimethylnonyl isobutanoate	---	7.07144	1951.4716	180.448	140.97	321.27	2
17189	C15H30O2	1,2-dimethylnonyl isobutanoate	---	7.07144	1951.4716	180.448	140.97	321.27	2
17190	C15H30O2	1,3-dimethylnonyl isobutanoate	---	7.07144	1951.4716	180.448	140.97	321.27	2
17191	C15H30O2	1,4-dimethylnonyl isobutanoate	---	7.07144	1951.4716	180.448	140.97	321.27	2
17192	C15H30O2	1,5-dimethylnonyl isobutanoate	---	7.07144	1951.4716	180.448	140.97	321.27	2
17193	C15H30O2	1,6-dimethylnonyl isobutanoate	---	7.07144	1951.4716	180.448	140.97	321.27	2
17194	C15H30O2	1,7-dimethylnonyl isobutanoate	---	7.07144	1951.4716	180.448	140.97	321.27	2
17195	C15H30O2	1,8-dimethylnonyl isobutanoate	---	7.07144	1951.4716	180.448	140.97	321.27	2
17196	C15H30O2	1-ethylnonyl isobutanoate	---	7.19435	2003.9105	179.336	144.17	320.08	2
17197	C15H30O2	2-ethylnonyl isobutanoate	---	7.19435	2003.9105	179.336	144.17	320.08	2
17198	C15H30O2	3-ethylnonyl isobutanoate	---	7.19435	2003.9105	179.336	144.17	320.08	2
17199	C15H30O2	4-ethylnonyl isobutanoate	---	7.19435	2003.9105	179.336	144.17	320.08	2
17200	C15H30O2	5-ethylnonyl isobutanoate	---	7.19435	2003.9105	179.336	144.17	320.08	2

Table 1 Vapor Pressure – Organic Compounds

			log ₁₀ P = A - B/(T + C)	(P - mm Hg, T - C)					
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
17201	C15H30O2	6-ethylnonyl isobutanoate	---	7.19435	2003.9105	179.336	144.17	320.08	2
17202	C15H30O2	7-ethylnonyl isobutanoate	---	7.19435	2003.9105	179.336	144.17	320.08	2
17203	C15H30O2	8-ethylnonyl isobutanoate	---	7.19435	2003.9105	179.336	144.17	320.08	2
17204	C15H30O2	decyl pentanoate	5454-12-6	8.13544	2403.7137	172.220	164.65	313.03	2
17205	C15H30O2	1-methylnonyl pentanoate	---	8.13544	2403.7137	172.220	164.65	313.03	2
17206	C15H30O2	2-methylnonyl pentanoate	---	8.13544	2403.7137	172.220	164.65	313.03	2
17207	C15H30O2	3-methylnonyl pentanoate	---	8.13544	2403.7137	172.220	164.65	313.03	2
17208	C15H30O2	4-methylnonyl pentanoate	---	8.13544	2403.7137	172.220	164.65	313.03	2
17209	C15H30O2	5-methylnonyl pentanoate	---	8.13544	2403.7137	172.220	164.65	313.03	2
17210	C15H30O2	6-methylnonyl pentanoate	---	8.13544	2403.7137	172.220	164.65	313.03	2
17211	C15H30O2	7-methylnonyl pentanoate	---	8.13544	2403.7137	172.220	164.65	313.03	2
17212	C15H30O2	8-methylnonyl pentanoate	---	8.13544	2403.7137	172.220	164.65	313.03	2
17213	C15H30O2	1,1-dimethyloctyl pentanoate	---	7.73215	2232.7132	175.000	156.65	315.67	2
17214	C15H30O2	1,2-dimethyloctyl pentanoate	---	7.73215	2232.7132	175.000	156.65	315.67	2
17215	C15H30O2	1,3-dimethyloctyl pentanoate	---	7.73215	2232.7132	175.000	156.65	315.67	2
17216	C15H30O2	1,4-dimethyloctyl pentanoate	---	7.73215	2232.7132	175.000	156.65	315.67	2
17217	C15H30O2	1,5-dimethyloctyl pentanoate	---	7.73215	2232.7132	175.000	156.65	315.67	2
17218	C15H30O2	1,6-dimethyloctyl pentanoate	---	7.73215	2232.7132	175.000	156.65	315.67	2
17219	C15H30O2	1,7-dimethyloctyl pentanoate	---	7.73215	2232.7132	175.000	156.65	315.67	2
17220	C15H30O2	1-ethyloctyl pentanoate	---	7.88729	2298.5470	173.888	159.85	314.60	2
17221	C15H30O2	2-ethyloctyl pentanoate	---	7.88729	2298.5470	173.888	159.85	314.60	2
17222	C15H30O2	3-ethyloctyl pentanoate	---	7.88729	2298.5470	173.888	159.85	314.60	2
17223	C15H30O2	4-ethyloctyl pentanoate	---	7.88729	2298.5470	173.888	159.85	314.60	2
17224	C15H30O2	5-ethyloctyl pentanoate	---	7.88729	2298.5470	173.888	159.85	314.60	2
17225	C15H30O2	6-ethyloctyl pentanoate	---	7.88729	2298.5470	173.888	159.85	314.60	2
17226	C15H30O2	7-ethyloctyl pentanoate	---	7.88729	2298.5470	173.888	159.85	314.60	2
17227	C15H30O2	decyl isopentanoate	---	7.73215	2232.7132	175.000	156.65	315.67	2
17228	C15H30O2	1-methylnonyl isopentanoate	---	7.73215	2232.7132	175.000	156.65	315.67	2
17229	C15H30O2	2-methylnonyl isopentanoate	---	7.73215	2232.7132	175.000	156.65	315.67	2
17230	C15H30O2	3-methylnonyl isopentanoate	---	7.73215	2232.7132	175.000	156.65	315.67	2
17231	C15H30O2	4-methylnonyl isopentanoate	---	7.73215	2232.7132	175.000	156.65	315.67	2
17232	C15H30O2	5-methylnonyl isopentanoate	---	7.73215	2232.7132	175.000	156.65	315.67	2
17233	C15H30O2	6-methylnonyl isopentanoate	---	7.73215	2232.7132	175.000	156.65	315.67	2
17234	C15H30O2	7-methylnonyl isopentanoate	---	7.73215	2232.7132	175.000	156.65	315.67	2
17235	C15H30O2	8-methylnonyl isopentanoate	---	7.73215	2232.7132	175.000	156.65	315.67	2
17236	C15H30O2	1,1-dimethyloctyl isopentanoate	---	7.37610	2081.3457	177.780	148.65	318.46	2
17237	C15H30O2	1,2-dimethyloctyl isopentanoate	---	7.37610	2081.3457	177.780	148.65	318.46	2
17238	C15H30O2	1,3-dimethyloctyl isopentanoate	---	7.37610	2081.3457	177.780	148.65	318.46	2
17239	C15H30O2	1,4-dimethyloctyl isopentanoate	---	7.37610	2081.3457	177.780	148.65	318.46	2
17240	C15H30O2	1,5-dimethyloctyl isopentanoate	---	7.37610	2081.3457	177.780	148.65	318.46	2
17241	C15H30O2	1,6-dimethyloctyl isopentanoate	---	7.37610	2081.3457	177.780	148.65	318.46	2
17242	C15H30O2	1,7-dimethyloctyl isopentanoate	---	7.37610	2081.3457	177.780	148.65	318.46	2
17243	C15H30O2	1-ethyloctyl isopentanoate	---	7.51339	2139.7628	176.668	151.85	317.33	2
17244	C15H30O2	2-ethyloctyl isopentanoate	---	7.51339	2139.7628	176.668	151.85	317.33	2
17245	C15H30O2	3-ethyloctyl isopentanoate	---	7.51339	2139.7628	176.668	151.85	317.33	2
17246	C15H30O2	4-ethyloctyl isopentanoate	---	7.51339	2139.7628	176.668	151.85	317.33	2
17247	C15H30O2	5-ethyloctyl isopentanoate	---	7.51339	2139.7628	176.668	151.85	317.33	2
17248	C15H30O2	6-ethyloctyl isopentanoate	---	7.51339	2139.7628	176.668	151.85	317.33	2
17249	C15H30O2	7-ethyloctyl isopentanoate	---	7.51339	2139.7628	176.668	151.85	317.33	2
17250	C15H30O2	decyl sec-pentanoate	---	7.73215	2232.7132	175.000	156.65	315.67	2
17251	C15H30O2	1-methylnonyl sec-pentanoate	---	7.73215	2232.7132	175.000	156.65	315.67	2
17252	C15H30O2	2-methylnonyl sec-pentanoate	---	7.73215	2232.7132	175.000	156.65	315.67	2
17253	C15H30O2	3-methylnonyl sec-pentanoate	---	7.73215	2232.7132	175.000	156.65	315.67	2
17254	C15H30O2	4-methylnonyl sec-pentanoate	---	7.73215	2232.7132	175.000	156.65	315.67	2
17255	C15H30O2	5-methylnonyl sec-pentanoate	---	7.73215	2232.7132	175.000	156.65	315.67	2
17256	C15H30O2	6-methylnonyl sec-pentanoate	---	7.73215	2232.7132	175.000	156.65	315.67	2
17257	C15H30O2	7-methylnonyl sec-pentanoate	---	7.73215	2232.7132	175.000	156.65	315.67	2
17258	C15H30O2	8-methylnonyl sec-pentanoate	---	7.73215	2232.7132	175.000	156.65	315.67	2
17259	C15H30O2	1,1-dimethyloctyl sec-pentanoate	---	7.37610	2081.3457	177.780	148.65	318.46	2
17260	C15H30O2	1,2-dimethyloctyl sec-pentanoate	---	7.37610	2081.3457	177.780	148.65	318.46	2
17261	C15H30O2	1,3-dimethyloctyl sec-pentanoate	---	7.37610	2081.3457	177.780	148.65	318.46	2
17262	C15H30O2	1,4-dimethyloctyl sec-pentanoate	---	7.37610	2081.3457	177.780	148.65	318.46	2
17263	C15H30O2	1,5-dimethyloctyl sec-pentanoate	---	7.37610	2081.3457	177.780	148.65	318.46	2
17264	C15H30O2	1,6-dimethyloctyl sec-pentanoate	---	7.37610	2081.3457	177.780	148.65	318.46	2
17265	C15H30O2	1,7-dimethyloctyl sec-pentanoate	---	7.37610	2081.3457	177.780	148.65	318.46	2
17266	C15H30O2	1-ethyloctyl sec-pentanoate	---	7.51339	2139.7628	176.668	151.85	317.33	2
17267	C15H30O2	2-ethyloctyl sec-pentanoate	---	7.51339	2139.7628	176.668	151.85	317.33	2
17268	C15H30O2	3-ethyloctyl sec-pentanoate	---	7.51339	2139.7628	176.668	151.85	317.33	2
17269	C15H30O2	4-ethyloctyl sec-pentanoate	---	7.51339	2139.7628	176.668	151.85	317.33	2
17270	C15H30O2	5-ethyloctyl sec-pentanoate	---	7.51339	2139.7628	176.668	151.85	317.33	2
17271	C15H30O2	6-ethyloctyl sec-pentanoate	---	7.51339	2139.7628	176.668	151.85	317.33	2
17272	C15H30O2	7-ethyloctyl sec-pentanoate	---	7.51339	2139.7628	176.668	151.85	317.33	2
17273	C15H30O2	decyl tert-pentanoate	---	7.37610	2081.3457	177.780	148.65	318.46	2
17274	C15H30O2	1-methylnonyl tert-pentanoate	---	7.37610	2081.3457	177.780	148.65	318.46	2
17275	C15H30O2	2-methylnonyl tert-pentanoate	---	7.37610	2081.3457	177.780	148.65	318.46	2
17276	C15H30O2	3-methylnonyl tert-pentanoate	---	7.37610	2081.3457	177.780	148.65	318.46	2
17277	C15H30O2	4-methylnonyl tert-pentanoate	---	7.37610	2081.3457	177.780	148.65	318.46	2
17278	C15H30O2	5-methylnonyl tert-pentanoate	---	7.37610	2081.3457	177.780	148.65	318.46	2
17279	C15H30O2	6-methylnonyl tert-pentanoate	---	7.37610	2081.3457	177.780	148.65	318.46	2
17280	C15H30O2	7-methylnonyl tert-pentanoate	---	7.37610	2081.3457	177.780	148.65	318.46	2

Table 1 Vapor Pressure – Organic Compounds

log ₁₀ P = A - B/(T + C) (P - mm Hg, T - C)									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
17281	C15H30O2	8-methylnonyl tert-pentanoate	---	7.37610	2081.3457	177.780	148.65	318.46	2
17282	C15H30O2	1,1-dimethyloctyl tert-pentanoate	---	7.05945	1946.3521	180.560	140.65	321.39	2
17283	C15H30O2	1,2-dimethyloctyl tert-pentanoate	---	7.05945	1946.3521	180.560	140.65	321.39	2
17284	C15H30O2	1,3-dimethyloctyl tert-pentanoate	---	7.05945	1946.3521	180.560	140.65	321.39	2
17285	C15H30O2	1,4-dimethyloctyl tert-pentanoate	---	7.05945	1946.3521	180.560	140.65	321.39	2
17286	C15H30O2	1,5-dimethyloctyl tert-pentanoate	---	7.05945	1946.3521	180.560	140.65	321.39	2
17287	C15H30O2	1,6-dimethyloctyl tert-pentanoate	---	7.05945	1946.3521	180.560	140.65	321.39	2
17288	C15H30O2	1,7-dimethyloctyl tert-pentanoate	---	7.05945	1946.3521	180.560	140.65	321.39	2
17289	C15H30O2	1-ethyloctyl tert-pentanoate	---	7.18181	1998.5625	179.448	143.85	320.20	2
17290	C15H30O2	2-ethyloctyl tert-pentanoate	---	7.18181	1998.5625	179.448	143.85	320.20	2
17291	C15H30O2	3-ethyloctyl tert-pentanoate	---	7.18181	1998.5625	179.448	143.85	320.20	2
17292	C15H30O2	4-ethyloctyl tert-pentanoate	---	7.18181	1998.5625	179.448	143.85	320.20	2
17293	C15H30O2	5-ethyloctyl tert-pentanoate	---	7.18181	1998.5625	179.448	143.85	320.20	2
17294	C15H30O2	6-ethyloctyl tert-pentanoate	---	7.18181	1998.5625	179.448	143.85	320.20	2
17295	C15H30O2	7-ethyloctyl tert-pentanoate	---	7.18181	1998.5625	179.448	143.85	320.20	2
17296	C15H30O2	octyl heptanoate	5132-75-2	7.42928	2120.4670	175.444	154.37	323.79	1,2
17297	C15H30O2	heptyl octanoate	4265-97-8	7.44963	2128.8619	175.305	154.77	323.52	1,2
17298	C15H30O2	propyl dodecanoate	3681-78-5	7.69083	2215.1677	175.305	155.77	315.97	2
17299	C15H30O2	isopropyl dodecanoate	10233-13-3	7.69083	2215.1677	175.305	155.77	315.97	2
17300	C15H30O2	ethyl tridecanoate	28267-29-0	7.69083	2215.1677	175.305	155.77	315.97	2
17301	C15H30O2	methyl tetradecanoate	124-10-7	7.42198	2134.8231	174.054	158.37	329.43	1,2
17302	C15H30S	thiacyclohexadecane	295-68-1	5.97375	1619.7331	178.390	147.27	401.76	3
17303	C15H31Br	1-bromopentadecane	629-72-1	7.60744	2309.4201	166.548	182.97	355.28	1,2
17304	C15H31Br	2-bromopentadecane	---	7.37109	2193.5539	169.328	174.97	354.29	2
17305	C15H31Br	3-bromopentadecane	---	7.37109	2193.5539	169.328	174.97	354.29	2
17306	C15H31Br	4-bromopentadecane	---	7.37109	2193.5539	169.328	174.97	354.29	2
17307	C15H31Br	5-bromopentadecane	---	7.37109	2193.5539	169.328	174.97	354.29	2
17308	C15H31Br	6-bromopentadecane	---	7.37109	2193.5539	169.328	174.97	354.29	2
17309	C15H31Br	7-bromopentadecane	---	7.37109	2193.5539	169.328	174.97	354.29	2
17310	C15H31Br	8-bromopentadecane	---	7.37109	2193.5539	169.328	174.97	354.29	2
17311	C15H31Br	1-bromo-2-methyltetradecane	---	7.37109	2193.5539	169.328	174.97	354.29	2
17312	C15H31Br	1-bromo-3-methyltetradecane	---	7.37109	2193.5539	169.328	174.97	354.29	2
17313	C15H31Br	1-bromo-4-methyltetradecane	---	7.37109	2193.5539	169.328	174.97	354.29	2
17314	C15H31Br	1-bromo-5-methyltetradecane	---	7.37109	2193.5539	169.328	174.97	354.29	2
17315	C15H31Br	1-bromo-6-methyltetradecane	---	7.37109	2193.5539	169.328	174.97	354.29	2
17316	C15H31Br	1-bromo-7-methyltetradecane	---	7.37109	2193.5539	169.328	174.97	354.29	2
17317	C15H31Br	1-bromo-8-methyltetradecane	---	7.37109	2193.5539	169.328	174.97	354.29	2
17318	C15H31Br	1-bromo-9-methyltetradecane	---	7.37109	2193.5539	169.328	174.97	354.29	2
17319	C15H31Br	1-bromo-10-methyltetradecane	---	7.37109	2193.5539	169.328	174.97	354.29	2
17320	C15H31Br	1-bromo-11-methyltetradecane	---	7.37109	2193.5539	169.328	174.97	354.29	2
17321	C15H31Br	1-bromo-12-methyltetradecane	---	7.37109	2193.5539	169.328	174.97	354.29	2
17322	C15H31Br	1-bromo-13-methyltetradecane	---	7.37109	2193.5539	169.328	174.97	354.29	2
17323	C15H31Br	2-bromo-2-methyltetradecane	---	7.07059	2058.4045	172.108	166.97	357.22	2
17324	C15H31Br	2-bromo-3-methyltetradecane	---	7.07059	2058.4045	172.108	166.97	357.22	2
17325	C15H31Br	2-bromo-4-methyltetradecane	---	7.07059	2058.4045	172.108	166.97	357.22	2
17326	C15H31Br	2-bromo-5-methyltetradecane	---	7.07059	2058.4045	172.108	166.97	357.22	2
17327	C15H31Br	2-bromo-6-methyltetradecane	---	7.07059	2058.4045	172.108	166.97	357.22	2
17328	C15H31Br	2-bromo-7-methyltetradecane	---	7.07059	2058.4045	172.108	166.97	357.22	2
17329	C15H31Br	2-bromo-8-methyltetradecane	---	7.07059	2058.4045	172.108	166.97	357.22	2
17330	C15H31Br	2-bromo-9-methyltetradecane	---	7.07059	2058.4045	172.108	166.97	357.22	2
17331	C15H31Br	2-bromo-10-methyltetradecane	---	7.07059	2058.4045	172.108	166.97	357.22	2
17332	C15H31Br	2-bromo-11-methyltetradecane	---	7.07059	2058.4045	172.108	166.97	357.22	2
17333	C15H31Br	2-bromo-12-methyltetradecane	---	7.07059	2058.4045	172.108	166.97	357.22	2
17334	C15H31Br	2-bromo-13-methyltetradecane	---	7.07059	2058.4045	172.108	166.97	357.22	2
17335	C15H31Br	3-bromo-2-methyltetradecane	---	7.07059	2058.4045	172.108	166.97	357.22	2
17336	C15H31Br	3-bromo-3-methyltetradecane	---	7.07059	2058.4045	172.108	166.97	357.22	2
17337	C15H31Br	3-bromo-4-methyltetradecane	---	7.07059	2058.4045	172.108	166.97	357.22	2
17338	C15H31Br	3-bromo-5-methyltetradecane	---	7.07059	2058.4045	172.108	166.97	357.22	2
17339	C15H31Br	3-bromo-6-methyltetradecane	---	7.07059	2058.4045	172.108	166.97	357.22	2
17340	C15H31Br	3-bromo-7-methyltetradecane	---	7.07059	2058.4045	172.108	166.97	357.22	2
17341	C15H31Br	3-bromo-8-methyltetradecane	---	7.07059	2058.4045	172.108	166.97	357.22	2
17342	C15H31Br	3-bromo-9-methyltetradecane	---	7.07059	2058.4045	172.108	166.97	357.22	2
17343	C15H31Br	3-bromo-10-methyltetradecane	---	7.07059	2058.4045	172.108	166.97	357.22	2
17344	C15H31Br	3-bromo-11-methyltetradecane	---	7.07059	2058.4045	172.108	166.97	357.22	2
17345	C15H31Br	3-bromo-12-methyltetradecane	---	7.07059	2058.4045	172.108	166.97	357.22	2
17346	C15H31Br	3-bromo-13-methyltetradecane	---	7.07059	2058.4045	172.108	166.97	357.22	2
17347	C15H31Cl	1-chloropentadecane	4862-03-1	7.20927	2144.0487	169.328	175.97	363.03	2
17348	C15H31Cl	2-chloropentadecane	---	6.89076	1997.4298	172.108	166.97	366.44	2
17349	C15H31Cl	3-chloropentadecane	---	6.89076	1997.4298	172.108	166.97	366.44	2
17350	C15H31Cl	4-chloropentadecane	---	6.89076	1997.4298	172.108	166.97	366.44	2
17351	C15H31Cl	5-chloropentadecane	---	6.89076	1997.4298	172.108	166.97	366.44	2
17352	C15H31Cl	6-chloropentadecane	---	6.89076	1997.4298	172.108	166.97	366.44	2
17353	C15H31Cl	7-chloropentadecane	---	6.89076	1997.4298	172.108	166.97	366.44	2
17354	C15H31Cl	8-chloropentadecane	---	6.89076	1997.4298	172.108	166.97	366.44	2
17355	C15H31Cl	1-chloro-2-methyltetradecane	---	6.89076	1997.4298	172.108	166.97	366.44	2
17356	C15H31Cl	1-chloro-3-methyltetradecane	---	6.89076	1997.4298	172.108	166.97	366.44	2
17357	C15H31Cl	1-chloro-4-methyltetradecane	---	6.89076	1997.4298	172.108	166.97	366.44	2
17358	C15H31Cl	1-chloro-5-methyltetradecane	---	6.89076	1997.4298	172.108	166.97	366.44	2
17359	C15H31Cl	1-chloro-6-methyltetradecane	---	6.89076	1997.4298	172.108	166.97	366.44	2
17360	C15H31Cl	1-chloro-7-methyltetradecane	---	6.89076	1997.4298	172.108	166.97	366.44	2

Table 1 Vapor Pressure – Organic Compounds

log ₁₀ P = A - B/(T + C) (P - mm Hg, T - C)									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
17361	C15H31Cl	1-chloro-8-methyltetradecane	---	6.89076	1997.4298	172.108	166.97	366.44	2
17362	C15H31Cl	1-chloro-9-methyltetradecane	---	6.89076	1997.4298	172.108	166.97	366.44	2
17363	C15H31Cl	1-chloro-10-methyltetradecane	---	6.89076	1997.4298	172.108	166.97	366.44	2
17364	C15H31Cl	1-chloro-11-methyltetradecane	---	6.89076	1997.4298	172.108	166.97	366.44	2
17365	C15H31Cl	1-chloro-12-methyltetradecane	---	6.89076	1997.4298	172.108	166.97	366.44	2
17366	C15H31Cl	1-chloro-13-methyltetradecane	---	6.89076	1997.4298	172.108	166.97	366.44	2
17367	C15H31Cl	2-chloro-2-methyltetradecane	---	6.63994	1882.9408	174.888	158.97	369.61	2
17368	C15H31Cl	2-chloro-3-methyltetradecane	---	6.63994	1882.9408	174.888	158.97	369.61	2
17369	C15H31Cl	2-chloro-4-methyltetradecane	---	6.63994	1882.9408	174.888	158.97	369.61	2
17370	C15H31Cl	2-chloro-5-methyltetradecane	---	6.63994	1882.9408	174.888	158.97	369.61	2
17371	C15H31Cl	2-chloro-6-methyltetradecane	---	6.63994	1882.9408	174.888	158.97	369.61	2
17372	C15H31Cl	2-chloro-7-methyltetradecane	---	6.63994	1882.9408	174.888	158.97	369.61	2
17373	C15H31Cl	2-chloro-8-methyltetradecane	---	6.63994	1882.9408	174.888	158.97	369.61	2
17374	C15H31Cl	2-chloro-9-methyltetradecane	---	6.63994	1882.9408	174.888	158.97	369.61	2
17375	C15H31Cl	2-chloro-10-methyltetradecane	---	6.63994	1882.9408	174.888	158.97	369.61	2
17376	C15H31Cl	2-chloro-11-methyltetradecane	---	6.63994	1882.9408	174.888	158.97	369.61	2
17377	C15H31Cl	2-chloro-12-methyltetradecane	---	6.63994	1882.9408	174.888	158.97	369.61	2
17378	C15H31Cl	2-chloro-13-methyltetradecane	---	6.63994	1882.9408	174.888	158.97	369.61	2
17379	C15H31Cl	3-chloro-2-methyltetradecane	---	6.63994	1882.9408	174.888	158.97	369.61	2
17380	C15H31Cl	3-chloro-3-methyltetradecane	---	6.63994	1882.9408	174.888	158.97	369.61	2
17381	C15H31Cl	3-chloro-4-methyltetradecane	---	6.63994	1882.9408	174.888	158.97	369.61	2
17382	C15H31Cl	3-chloro-5-methyltetradecane	---	6.63994	1882.9408	174.888	158.97	369.61	2
17383	C15H31Cl	3-chloro-6-methyltetradecane	---	6.63994	1882.9408	174.888	158.97	369.61	2
17384	C15H31Cl	3-chloro-7-methyltetradecane	---	6.63994	1882.9408	174.888	158.97	369.61	2
17385	C15H31Cl	3-chloro-8-methyltetradecane	---	6.63994	1882.9408	174.888	158.97	369.61	2
17386	C15H31Cl	3-chloro-9-methyltetradecane	---	6.63994	1882.9408	174.888	158.97	369.61	2
17387	C15H31Cl	3-chloro-10-methyltetradecane	---	6.63994	1882.9408	174.888	158.97	369.61	2
17388	C15H31Cl	3-chloro-11-methyltetradecane	---	6.63994	1882.9408	174.888	158.97	369.61	2
17389	C15H31Cl	3-chloro-12-methyltetradecane	---	6.63994	1882.9408	174.888	158.97	369.61	2
17390	C15H31Cl	3-chloro-13-methyltetradecane	---	6.63994	1882.9408	174.888	158.97	369.61	2
17391	C15H31F	1-fluoropentadecane	1555-17-5	6.52111	1763.7849	179.892	139.57	348.30	2
17392	C15H31F	1-fluoropentadecane	---	6.33941	1683.4436	182.116	133.17	351.03	2
17393	C15H31F	2-fluoropentadecane	---	6.33941	1683.4436	182.116	133.17	351.03	2
17394	C15H31F	3-fluoropentadecane	---	6.33941	1683.4436	182.116	133.17	351.03	2
17395	C15H31F	4-fluoropentadecane	---	6.33941	1683.4436	182.116	133.17	351.03	2
17396	C15H31F	5-fluoropentadecane	---	6.33941	1683.4436	182.116	133.17	351.03	2
17397	C15H31F	6-fluoropentadecane	---	6.33941	1683.4436	182.116	133.17	351.03	2
17398	C15H31F	7-fluoropentadecane	---	6.33941	1683.4436	182.116	133.17	351.03	2
17399	C15H31F	8-fluoropentadecane	---	6.33941	1683.4436	182.116	133.17	351.03	2
17400	C15H31F	1-fluoro-2-methyltetradecane	---	6.33941	1683.4436	182.116	133.17	351.03	2
17401	C15H31F	1-fluoro-3-methyltetradecane	---	6.33941	1683.4436	182.116	133.17	351.03	2
17402	C15H31F	1-fluoro-4-methyltetradecane	---	6.33941	1683.4436	182.116	133.17	351.03	2
17403	C15H31F	1-fluoro-5-methyltetradecane	---	6.33941	1683.4436	182.116	133.17	351.03	2
17404	C15H31F	1-fluoro-6-methyltetradecane	---	6.33941	1683.4436	182.116	133.17	351.03	2
17405	C15H31F	1-fluoro-7-methyltetradecane	---	6.33941	1683.4436	182.116	133.17	351.03	2
17406	C15H31F	1-fluoro-8-methyltetradecane	---	6.33941	1683.4436	182.116	133.17	351.03	2
17407	C15H31F	1-fluoro-9-methyltetradecane	---	6.33941	1683.4436	182.116	133.17	351.03	2
17408	C15H31F	1-fluoro-10-methyltetradecane	---	6.33941	1683.4436	182.116	133.17	351.03	2
17409	C15H31F	1-fluoro-11-methyltetradecane	---	6.33941	1683.4436	182.116	133.17	351.03	2
17410	C15H31F	1-fluoro-12-methyltetradecane	---	6.33941	1683.4436	182.116	133.17	351.03	2
17411	C15H31F	1-fluoro-13-methyltetradecane	---	6.33941	1683.4436	182.116	133.17	351.03	2
17412	C15H31F	2-fluoro-2-methyltetradecane	---	6.17080	1608.6879	184.340	126.77	353.87	2
17413	C15H31F	2-fluoro-3-methyltetradecane	---	6.17080	1608.6879	184.340	126.77	353.87	2
17414	C15H31F	2-fluoro-4-methyltetradecane	---	6.17080	1608.6879	184.340	126.77	353.87	2
17415	C15H31F	2-fluoro-5-methyltetradecane	---	6.17080	1608.6879	184.340	126.77	353.87	2
17416	C15H31F	2-fluoro-6-methyltetradecane	---	6.17080	1608.6879	184.340	126.77	353.87	2
17417	C15H31F	2-fluoro-7-methyltetradecane	---	6.17080	1608.6879	184.340	126.77	353.87	2
17418	C15H31F	2-fluoro-8-methyltetradecane	---	6.17080	1608.6879	184.340	126.77	353.87	2
17419	C15H31F	2-fluoro-9-methyltetradecane	---	6.17080	1608.6879	184.340	126.77	353.87	2
17420	C15H31F	2-fluoro-10-methyltetradecane	---	6.17080	1608.6879	184.340	126.77	353.87	2
17421	C15H31F	2-fluoro-11-methyltetradecane	---	6.17080	1608.6879	184.340	126.77	353.87	2
17422	C15H31F	2-fluoro-12-methyltetradecane	---	6.17080	1608.6879	184.340	126.77	353.87	2
17423	C15H31F	2-fluoro-13-methyltetradecane	---	6.17080	1608.6879	184.340	126.77	353.87	2
17424	C15H31F	3-fluoro-2-methyltetradecane	---	6.17080	1608.6879	184.340	126.77	353.87	2
17425	C15H31F	3-fluoro-3-methyltetradecane	---	6.17080	1608.6879	184.340	126.77	353.87	2
17426	C15H31F	3-fluoro-4-methyltetradecane	---	6.17080	1608.6879	184.340	126.77	353.87	2
17427	C15H31F	3-fluoro-5-methyltetradecane	---	6.17080	1608.6879	184.340	126.77	353.87	2
17428	C15H31F	3-fluoro-6-methyltetradecane	---	6.17080	1608.6879	184.340	126.77	353.87	2
17429	C15H31F	3-fluoro-7-methyltetradecane	---	6.17080	1608.6879	184.340	126.77	353.87	2
17430	C15H31F	3-fluoro-8-methyltetradecane	---	6.17080	1608.6879	184.340	126.77	353.87	2
17431	C15H31F	3-fluoro-9-methyltetradecane	---	6.17080	1608.6879	184.340	126.77	353.87	2
17432	C15H31F	3-fluoro-10-methyltetradecane	---	6.17080	1608.6879	184.340	126.77	353.87	2
17433	C15H31F	3-fluoro-11-methyltetradecane	---	6.17080	1608.6879	184.340	126.77	353.87	2
17434	C15H31F	3-fluoro-12-methyltetradecane	---	6.17080	1608.6879	184.340	126.77	353.87	2
17435	C15H31F	3-fluoro-13-methyltetradecane	---	6.17080	1608.6879	184.340	126.77	353.87	2
17436	C15H31I	1-iodopentadecane	35599-78-1	8.07230	2517.7562	160.432	195.57	354.40	2
17437	C15H31I	1-iodopentadecane	---	7.69742	2349.3363	163.212	187.57	357.06	2
17438	C15H31I	2-iodopentadecane	---	7.69742	2349.3363	163.212	187.57	357.06	2
17439	C15H31I	3-iodopentadecane	---	7.69742	2349.3363	163.212	187.57	357.06	2
17440	C15H31I	4-iodopentadecane	---	7.69742	2349.3363	163.212	187.57	357.06	2

Table 1 Vapor Pressure – Organic Compounds

log ₁₀ P = A - B/(T + C) (P - mm Hg, T - C)									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
17441	C15H31I	5-iodopentadecane	---	7.69742	2349.3363	163.212	187.57	357.06	2
17442	C15H31I	6-iodopentadecane	---	7.69742	2349.3363	163.212	187.57	357.06	2
17443	C15H31I	7-iodopentadecane	---	7.69742	2349.3363	163.212	187.57	357.06	2
17444	C15H31I	8-iodopentadecane	---	7.69742	2349.3363	163.212	187.57	357.06	2
17445	C15H31I	1-iodo-2-methyltetradecane	---	7.69742	2349.3363	163.212	187.57	357.06	2
17446	C15H31I	1-iodo-3-methyltetradecane	---	7.69742	2349.3363	163.212	187.57	357.06	2
17447	C15H31I	1-iodo-4-methyltetradecane	---	7.69742	2349.3363	163.212	187.57	357.06	2
17448	C15H31I	1-iodo-5-methyltetradecane	---	7.69742	2349.3363	163.212	187.57	357.06	2
17449	C15H31I	1-iodo-6-methyltetradecane	---	7.69742	2349.3363	163.212	187.57	357.06	2
17450	C15H31I	1-iodo-7-methyltetradecane	---	7.69742	2349.3363	163.212	187.57	357.06	2
17451	C15H31I	1-iodo-8-methyltetradecane	---	7.69742	2349.3363	163.212	187.57	357.06	2
17452	C15H31I	1-iodo-9-methyltetradecane	---	7.69742	2349.3363	163.212	187.57	357.06	2
17453	C15H31I	1-iodo-10-methyltetradecane	---	7.69742	2349.3363	163.212	187.57	357.06	2
17454	C15H31I	1-iodo-11-methyltetradecane	---	7.69742	2349.3363	163.212	187.57	357.06	2
17455	C15H31I	1-iodo-12-methyltetradecane	---	7.69742	2349.3363	163.212	187.57	357.06	2
17456	C15H31I	1-iodo-13-methyltetradecane	---	7.69742	2349.3363	163.212	187.57	357.06	2
17457	C15H31I	2-iodo-2-methyltetradecane	---	7.36391	2199.1273	165.992	179.57	359.85	2
17458	C15H31I	2-iodo-3-methyltetradecane	---	7.36391	2199.1273	165.992	179.57	359.85	2
17459	C15H31I	2-iodo-4-methyltetradecane	---	7.36391	2199.1273	165.992	179.57	359.85	2
17460	C15H31I	2-iodo-5-methyltetradecane	---	7.36391	2199.1273	165.992	179.57	359.85	2
17461	C15H31I	2-iodo-6-methyltetradecane	---	7.36391	2199.1273	165.992	179.57	359.85	2
17462	C15H31I	2-iodo-7-methyltetradecane	---	7.36391	2199.1273	165.992	179.57	359.85	2
17463	C15H31I	2-iodo-8-methyltetradecane	---	7.36391	2199.1273	165.992	179.57	359.85	2
17464	C15H31I	2-iodo-9-methyltetradecane	---	7.36391	2199.1273	165.992	179.57	359.85	2
17465	C15H31I	2-iodo-10-methyltetradecane	---	7.36391	2199.1273	165.992	179.57	359.85	2
17466	C15H31I	2-iodo-11-methyltetradecane	---	7.36391	2199.1273	165.992	179.57	359.85	2
17467	C15H31I	2-iodo-12-methyltetradecane	---	7.36391	2199.1273	165.992	179.57	359.85	2
17468	C15H31I	2-iodo-13-methyltetradecane	---	7.36391	2199.1273	165.992	179.57	359.85	2
17469	C15H31I	3-iodo-2-methyltetradecane	---	7.36391	2199.1273	165.992	179.57	359.85	2
17470	C15H31I	3-iodo-3-methyltetradecane	---	7.36391	2199.1273	165.992	179.57	359.85	2
17471	C15H31I	3-iodo-4-methyltetradecane	---	7.36391	2199.1273	165.992	179.57	359.85	2
17472	C15H31I	3-iodo-5-methyltetradecane	---	7.36391	2199.1273	165.992	179.57	359.85	2
17473	C15H31I	3-iodo-6-methyltetradecane	---	7.36391	2199.1273	165.992	179.57	359.85	2
17474	C15H31I	3-iodo-7-methyltetradecane	---	7.36391	2199.1273	165.992	179.57	359.85	2
17475	C15H31I	3-iodo-8-methyltetradecane	---	7.36391	2199.1273	165.992	179.57	359.85	2
17476	C15H31I	3-iodo-9-methyltetradecane	---	7.36391	2199.1273	165.992	179.57	359.85	2
17477	C15H31I	3-iodo-10-methyltetradecane	---	7.36391	2199.1273	165.992	179.57	359.85	2
17478	C15H31I	3-iodo-11-methyltetradecane	---	7.36391	2199.1273	165.992	179.57	359.85	2
17479	C15H31I	3-iodo-12-methyltetradecane	---	7.36391	2199.1273	165.992	179.57	359.85	2
17480	C15H31I	3-iodo-13-methyltetradecane	---	7.36391	2199.1273	165.992	179.57	359.85	2
17481	C15H31NO2	1-nitropentadecane	39220-65-0	7.10804	2167.5605	162.100	192.77	389.98	3
17482	C15H32	pentadecane	629-62-9	7.42974	2026.6694	178.677	136.53	298.42	1,2
17483	C15H32	2-methyltetradecane	1560-95-8	7.07676	1789.9060	161.380	133.17	298.17	1,2
17484	C15H32	3-methyltetradecane	18435-22-8	7.07838	1795.2180	161.380	133.96	299.34	1,2
17485	C15H32	4-methyltetradecane	25117-24-2	8.28696	2872.0440	268.475	125.66	294.11	1,2
17486	C15H32	5-methyltetradecane	25117-32-2	8.36120	2925.0710	271.875	125.49	292.88	1,2
17487	C15H32	2,2-dimethyltridecane	61869-04-3	6.96928	1710.5319	161.380	125.18	290.25	1,2
17488	C15H32	2,3-dimethyltridecane	18435-20-6	7.03150	1769.7689	161.380	132.04	298.34	1,2
17489	C15H32	2,4-dimethyltridecane	61868-05-1	7.01049	1702.9966	161.380	121.96	283.42	1,2
17490	C15H32	2,4,6-trimethyltridecane	103387-11-7	8.61239	2910.2150	272.730	109.57	263.17	1,2
17491	C15H32O	1-pentadecanol	629-76-5	8.38776	2588.5603	169.815	180.57	327.42	2
17492	C15H32O	2-pentadecanol	1653-34-5	7.58483	2237.6187	175.444	164.37	332.76	2
17493	C15H32O	3-pentadecanol	53346-71-7	7.58483	2237.6187	175.444	164.37	332.76	2
17494	C15H32O	4-pentadecanol	---	7.58483	2237.6187	175.444	164.37	332.76	2
17495	C15H32O	5-pentadecanol	---	7.58483	2237.6187	175.444	164.37	332.76	2
17496	C15H32O	6-pentadecanol	6836-40-4	7.58483	2237.6187	175.444	164.37	332.76	2
17497	C15H32O	7-pentadecanol	---	7.58483	2237.6187	175.444	164.37	332.76	2
17498	C15H32O	8-pentadecanol	1653-35-6	7.58483	2237.6187	175.444	164.37	332.76	2
17499	C15H32O	2-methyltetradecanol	---	7.58483	2237.6187	175.444	164.37	332.76	2
17500	C15H32O	3-methyltetradecanol	---	7.58483	2237.6187	175.444	164.37	332.76	2
17501	C15H32O	4-methyltetradecanol	---	7.58483	2237.6187	175.444	164.37	332.76	2
17502	C15H32O	5-methyltetradecanol	---	7.58483	2237.6187	175.444	164.37	332.76	2
17503	C15H32O	6-methyltetradecanol	---	7.58483	2237.6187	175.444	164.37	332.76	2
17504	C15H32O	7-methyltetradecanol	---	7.58483	2237.6187	175.444	164.37	332.76	2
17505	C15H32O	8-methyltetradecanol	---	7.58483	2237.6187	175.444	164.37	332.76	2
17506	C15H32O	9-methyltetradecanol	---	7.58483	2237.6187	175.444	164.37	332.76	2
17507	C15H32O	10-methyltetradecanol	---	7.58483	2237.6187	175.444	164.37	332.76	2
17508	C15H32O	2,2-dimethyltridecanol	---	7.25501	2092.8917	178.224	156.37	335.60	2
17509	C15H32O	2,3-dimethyltridecanol	---	7.25501	2092.8917	178.224	156.37	335.60	2
17510	C15H32O	2,4-dimethyltridecanol	---	7.25501	2092.8917	178.224	156.37	335.60	2
17511	C15H32O	2,5-dimethyltridecanol	---	7.25501	2092.8917	178.224	156.37	335.60	2
17512	C15H32O	2,6-dimethyltridecanol	---	7.25501	2092.8917	178.224	156.37	335.60	2
17513	C15H32O	2,7-dimethyltridecanol	---	7.25501	2092.8917	178.224	156.37	335.60	2
17514	C15H32O	2,8-dimethyltridecanol	---	7.25501	2092.8917	178.224	156.37	335.60	2
17515	C15H32O	3,3-dimethyltridecanol	---	7.10349	2026.2623	179.614	152.37	337.07	2
17516	C15H32O	3,4-dimethyltridecanol	---	7.25501	2092.8917	178.224	156.37	335.60	2
17517	C15H32O	3,5-dimethyltridecanol	---	7.25501	2092.8917	178.224	156.37	335.60	2
17518	C15H32O	3,6-dimethyltridecanol	---	7.25501	2092.8917	178.224	156.37	335.60	2
17519	C15H32O	3,7-dimethyltridecanol	---	7.25501	2092.8917	178.224	156.37	335.60	2
17520	C15H32O	3,8-dimethyltridecanol	---	7.25501	2092.8917	178.224	156.37	335.60	2

Table 1 Vapor Pressure – Organic Compounds

log ₁₀ P = A - B/(T + C) (P - mm Hg, T - C)									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
17521	C15H32O	2-ethyltridecanol	---	7.41520	2163.2345	176.834	160.37	334.16	2
17522	C15H32O	3-ethyltridecanol	---	7.41520	2163.2345	176.834	160.37	334.16	2
17523	C15H32O	4-ethyltridecanol	---	7.41520	2163.2345	176.834	160.37	334.16	2
17524	C15H32O	5-ethyltridecanol	---	7.41520	2163.2345	176.834	160.37	334.16	2
17525	C15H32O	6-ethyltridecanol	---	7.41520	2163.2345	176.834	160.37	334.16	2
17526	C15H32O	7-ethyltridecanol	---	7.41520	2163.2345	176.834	160.37	334.16	2
17527	C15H32O	8-ethyltridecanol	---	7.41520	2163.2345	176.834	160.37	334.16	2
17528	C15H32O	9-ethyltridecanol	---	7.41520	2163.2345	176.834	160.37	334.16	2
17529	C15H32O	2,8-dimethyl-6-isobutylnonanol-4	10143-20-1	9.44936	3050.3719	164.152	196.87	322.54	2
17530	C15H32O	1-methoxy-tetradecane	---	8.17707	2368.3999	176.946	153.05	297.19	2
17531	C15H32O	2-methoxy-tetradecane	---	7.50947	2091.3503	181.588	139.69	301.67	2
17532	C15H32O	3-methoxy-tetradecane	---	7.50947	2091.3503	181.588	139.69	301.67	2
17533	C15H32O	4-methoxy-tetradecane	---	7.50947	2091.3503	181.588	139.69	301.67	2
17534	C15H32O	5-methoxy-tetradecane	---	7.50947	2091.3503	181.588	139.69	301.67	2
17535	C15H32O	6-methoxy-tetradecane	---	7.50947	2091.3503	181.588	139.69	301.67	2
17536	C15H32O	7-methoxy-tetradecane	---	7.50947	2091.3503	181.588	139.69	301.67	2
17537	C15H32O	1-ethoxy-tridecane	---	7.79947	2211.8498	179.448	145.85	299.55	2
17538	C15H32O	2-ethoxy-tridecane	---	7.50947	2091.3503	181.588	139.69	301.67	2
17539	C15H32O	3-ethoxy-tridecane	---	7.50947	2091.3503	181.588	139.69	301.67	2
17540	C15H32O	4-ethoxy-tridecane	---	7.50947	2091.3503	181.588	139.69	301.67	2
17541	C15H32O	5-ethoxy-tridecane	---	7.50947	2091.3503	181.588	139.69	301.67	2
17542	C15H32O	6-ethoxy-tridecane	---	7.50947	2091.3503	181.588	139.69	301.67	2
17543	C15H32O	7-ethoxy-tridecane	---	7.50947	2091.3503	181.588	139.69	301.67	2
17544	C15H32O	1-propoxy-dodecane	74499-34-6	7.82726	2223.3858	179.253	146.41	299.37	2
17545	C15H32O	2-propoxy-dodecane	---	7.48802	2082.4262	181.755	139.21	301.84	2
17546	C15H32O	3-propoxy-dodecane	---	7.48802	2082.4262	181.755	139.21	301.84	2
17547	C15H32O	4-propoxy-dodecane	---	7.48802	2082.4262	181.755	139.21	301.84	2
17548	C15H32O	5-propoxy-dodecane	---	7.48802	2082.4262	181.755	139.21	301.84	2
17549	C15H32O	6-propoxy-dodecane	---	7.48802	2082.4262	181.755	139.21	301.84	2
17550	C15H32O	1-isopropoxy-dodecane	---	7.28184	1996.5746	183.423	134.41	303.55	2
17551	C15H32O	2-isopropoxy-dodecane	---	7.12083	1929.4267	184.813	130.41	305.01	2
17552	C15H32O	3-isopropoxy-dodecane	---	7.12083	1929.4267	184.813	130.41	305.01	2
17553	C15H32O	4-isopropoxy-dodecane	---	7.12083	1929.4267	184.813	130.41	305.01	2
17554	C15H32O	5-isopropoxy-dodecane	---	7.12083	1929.4267	184.813	130.41	305.01	2
17555	C15H32O	6-isopropoxy-dodecane	---	7.12083	1929.4267	184.813	130.41	305.01	2
17556	C15H32O2	1,2-pentadecanediol	33968-47-7	10.56010	3548.0803	158.764	212.37	322.12	3
17557	C15H32O2	1,3-pentadecanediol	---	11.51477	3962.7691	155.706	221.17	319.85	3
17558	C15H32O2	1,4-pentadecanediol	---	14.05187	5062.0138	149.868	237.97	315.82	3
17559	C15H32O2	1,15-pentadecanediol	14722-40-8	12.34850	4324.3717	153.482	227.57	318.27	3
17560	C15H32S	1-pentadecanethiol	25276-70-4	7.74396	2355.2946	166.907	182.34	349.37	2
17561	C15H32S	2-pentadecanethiol	62155-05-9	7.47799	2236.3334	169.050	176.17	351.49	2
17562	C15H32S	3-pentadecanethiol	---	7.44334	2220.1140	169.189	175.37	351.78	2
17563	C15H32S	4-pentadecanethiol	---	7.42708	2212.8343	169.328	174.97	351.92	2
17564	C15H32S	5-pentadecanethiol	---	7.41092	2205.5945	169.467	174.57	352.06	2
17565	C15H32S	6-pentadecanethiol	---	7.39484	2198.3941	169.606	174.17	352.21	2
17566	C15H32S	7-pentadecanethiol	---	7.37885	2191.2329	169.745	173.77	352.35	2
17567	C15H32S	8-pentadecanethiol	---	7.36295	2184.1105	169.884	173.37	352.49	2
17568	C15H32S	2-methyl-1-tetradecanethiol	---	7.48307	2237.8977	168.853	176.34	351.44	2
17569	C15H32S	3-methyl-1-tetradecanethiol	---	7.46659	2230.5202	168.992	175.94	351.58	2
17570	C15H32S	4-methyl-1-tetradecanethiol	---	7.45020	2223.1834	169.131	175.54	351.72	2
17571	C15H32S	5-methyl-1-tetradecanethiol	---	7.43390	2215.8869	169.270	175.14	351.86	2
17572	C15H32S	6-methyl-1-tetradecanethiol	---	7.41770	2208.6304	169.409	174.74	352.00	2
17573	C15H32S	7-methyl-1-tetradecanethiol	---	7.40158	2201.4135	169.548	174.34	352.15	2
17574	C15H32S	8-methyl-1-tetradecanethiol	---	7.38556	2194.2358	169.687	173.94	352.29	2
17575	C15H32S	9-methyl-1-tetradecanethiol	---	7.36962	2187.0972	169.826	173.54	352.43	2
17576	C15H32S	10-methyl-1-tetradecanethiol	---	7.35377	2179.9971	169.965	173.14	352.57	2
17577	C15H32S	11-methyl-1-tetradecanethiol	---	7.33801	2172.9354	170.104	172.74	352.72	2
17578	C15H32S	12-methyl-1-tetradecanethiol	---	7.32234	2165.9117	170.243	172.34	352.86	2
17579	C15H32S	13-methyl-1-tetradecanethiol	---	7.30675	2158.9257	170.382	171.94	353.01	2
17580	C15H32S	2-methyl-2-tetradecanethiol	---	7.26050	2138.1907	170.799	170.74	353.44	2
17581	C15H32S	3-methyl-2-tetradecanethiol	---	7.24525	2131.3524	170.938	170.34	353.59	2
17582	C15H32S	4-methyl-2-tetradecanethiol	---	7.23008	2124.5502	171.077	169.94	353.73	2
17583	C15H32S	5-methyl-2-tetradecanethiol	---	7.21500	2117.7839	171.216	169.54	353.88	2
17584	C15H32S	6-methyl-2-tetradecanethiol	---	7.19999	2111.0532	171.355	169.14	354.02	2
17585	C15H32S	7-methyl-2-tetradecanethiol	---	7.18507	2104.3578	171.494	168.74	354.17	2
17586	C15H32S	8-methyl-2-tetradecanethiol	---	7.17023	2097.6974	171.633	168.34	354.32	2
17587	C15H32S	9-methyl-2-tetradecanethiol	---	7.15546	2091.0718	171.772	167.94	354.47	2
17588	C15H32S	10-methyl-2-tetradecanethiol	---	7.14078	2084.4806	171.911	167.54	354.61	2
17589	C15H32S	11-methyl-2-tetradecanethiol	---	7.12617	2077.9236	172.050	167.14	354.76	2
17590	C15H32S	12-methyl-2-tetradecanethiol	---	7.11164	2071.4005	172.189	166.74	354.91	2
17591	C15H32S	13-methyl-2-tetradecanethiol	---	7.09719	2064.9111	172.328	166.34	355.06	2
17592	C15H32S	2-thiahexadecane	7289-45-4	7.87284	2332.4312	169.823	169.55	327.39	2
17593	C15H32S	3-thiahexadecane	66271-81-6	7.83417	2315.7402	170.101	168.75	327.66	2
17594	C15H32S	4-thiahexadecane	66271-82-7	7.79598	2299.2513	170.379	167.95	327.93	2
17595	C15H32S	5-thiahexadecane	66271-83-8	7.75826	2282.9607	170.657	167.15	328.20	2
17596	C15H32S	6-thiahexadecane	---	7.72099	2266.8648	170.935	166.35	328.47	2
17597	C15H32S	7-thiahexadecane	---	7.68418	2250.9601	171.213	165.55	328.74	2
17598	C15H32S	8-thiahexadecane	---	7.64782	2235.2431	171.491	164.75	329.01	2
17599	C15H32S	3-methyl-2-thiapentadecane	---	7.50663	2174.1859	172.603	161.55	330.12	2
17600	C15H32S	4-methyl-2-thiapentadecane	---	7.47237	2159.3584	172.881	160.75	330.40	2

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mm Hg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
17601	C15H32S	5-methyl-2-thiapentadecane	---	7.43851	2144.6995	173.159	159.95	330.69	2
17602	C15H32S	6-methyl-2-thiapentadecane	---	7.40503	2130.2062	173.437	159.15	330.97	2
17603	C15H32S	7-methyl-2-thiapentadecane	---	7.37195	2115.8759	173.715	158.35	331.25	2
17604	C15H32S	8-methyl-2-thiapentadecane	---	7.33924	2101.7055	173.993	157.55	331.54	2
17605	C15H32S	9-methyl-2-thiapentadecane	---	7.30690	2087.6924	174.271	156.75	331.83	2
17606	C15H32S	2-methyl-3-thiapentadecane	---	7.47237	2159.3584	172.881	160.75	330.40	2
17607	C15H32S	4-methyl-3-thiapentadecane	---	7.43851	2144.6995	173.159	159.95	330.69	2
17608	C15H32S	5-methyl-3-thiapentadecane	---	7.40503	2130.2062	173.437	159.15	330.97	2
17609	C15H32S	6-methyl-3-thiapentadecane	---	7.37195	2115.8759	173.715	158.35	331.25	2
17610	C15H32S	7-methyl-3-thiapentadecane	---	7.33924	2101.7055	173.993	157.55	331.54	2
17611	C15H32S	8-methyl-3-thiapentadecane	---	7.30690	2087.6924	174.271	156.75	331.83	2
17612	C15H32S	9-methyl-3-thiapentadecane	---	7.27493	2073.8340	174.549	155.95	332.12	2
17613	C15H32S2	1,15-pentadecanedithiol	---	6.61518	2036.2688	155.834	206.80	437.25	2
17614	C15H32S2	1,14-pentadecanedithiol	---	6.60434	2030.8741	155.973	206.40	437.42	2
17615	C15H32S2	1,12-pentadecanedithiol	---	6.59355	2025.5023	156.112	206.00	437.58	2
17616	C15H32S2	1,11-pentadecanedithiol	---	6.58280	2020.1530	156.251	205.60	437.74	2
17617	C15H32S2	1,10-pentadecanedithiol	---	6.57210	2014.8263	156.390	205.20	437.91	2
17618	C15H32S2	1,9-pentadecanedithiol	---	6.56144	2009.5219	156.529	204.80	438.07	2
17619	C15H32S2	1,8-pentadecanedithiol	---	6.55083	2004.2397	156.668	204.40	438.24	2
17620	C15H32S2	1,7-pentadecanedithiol	---	6.54027	1998.9795	156.807	204.00	438.41	2
17621	C15H32S2	1,6-pentadecanedithiol	---	6.52975	1993.7413	156.946	203.60	438.57	2
17622	C15H32S2	1,5-pentadecanedithiol	---	6.51928	1988.5248	157.085	203.20	438.74	2
17623	C15H32S2	1,4-pentadecanedithiol	---	6.50885	1983.3300	157.224	202.80	438.91	2
17624	C15H32S2	1,3-pentadecanedithiol	---	6.49847	1978.1566	157.363	202.40	439.07	2
17625	C15H32S2	1,2-pentadecanedithiol	---	6.48813	1973.0046	157.502	202.00	439.24	2
17626	C15H32S2	2,3-dithiaheptadecane	---	7.35456	2241.6531	161.625	191.14	375.59	2
17627	C15H32S2	3,4-dithiaheptadecane	---	7.32397	2227.5618	161.903	190.34	375.88	2
17628	C15H32S2	4,5-dithiaheptadecane	---	7.29371	2213.6173	162.181	189.54	376.17	2
17629	C15H32S2	5,6-dithiaheptadecane	---	7.26377	2199.8172	162.459	188.74	376.46	2
17630	C15H32S2	6,7-dithiaheptadecane	---	7.23415	2186.1592	162.737	187.94	376.75	2
17631	C15H32S2	7,8-dithiaheptadecane	---	7.20484	2172.6411	163.015	187.14	377.04	2
17632	C15H32S2	8,9-dithiaheptadecane	---	7.17583	2159.2607	163.293	186.34	377.34	2
17633	C15H32S2	2,4-dithiaheptadecane	---	7.67962	2391.1901	158.845	199.14	372.79	2
17634	C15H32S2	3,5-dithiaheptadecane	---	7.64546	2375.4908	159.123	198.34	373.07	2
17635	C15H32S2	4,6-dithiaheptadecane	---	7.61168	2359.9646	159.401	197.54	373.34	2
17636	C15H32S2	5,7-dithiaheptadecane	---	7.57828	2344.6087	159.679	196.74	373.62	2
17637	C15H32S2	6,8-dithiaheptadecane	---	7.54525	2329.4202	159.957	195.94	373.90	2
17638	C15H32S2	7,9-dithiaheptadecane	---	7.51258	2314.3963	160.235	195.14	374.18	2
17639	C15H32S2	8,10-dithiaheptadecane	---	7.48028	2299.5344	160.513	194.34	374.46	2
17640	C15H33N	pentadecylamine	2570-26-5	7.90318	2394.1613	169.050	177.77	338.04	1,2
17641	C15H33N	methyltetradecylamine	29369-63-9	7.84723	2303.2739	174.610	161.77	319.08	2
17642	C15H33N	ethyltridecylamine	59570-06-8	7.80858	2286.7176	174.888	160.97	319.35	2
17643	C15H33N	dimethyltridecylamine	17373-29-4	8.46760	2488.5655	176.278	156.97	294.53	2
17644	C15H33N	diethylundecylamine	54334-64-4	7.47186	2075.6584	182.950	137.77	300.88	2
17645	C15H33N	tripentylamine	621-77-2	7.71257	2082.7779	188.510	121.77	271.19	1,2
17646	C15H33N	triisopentylamine	645-41-0	6.62441	1721.6560	190.734	115.37	309.37	2
17647	C15H33N	tris(2-methylbutyl)amine	620-43-9	7.49889	1979.1603	191.568	112.97	266.88	1,2
17648	C16H10	fluoranthene	206-44-0	7.80967	3103.8752	245.485	210.32	425.21	1,2
17649	C16H10	pyrene	129-00-0	7.42020	2697.9959	199.552	220.68	437.01	1,2
17650	C16H12	1-phenylnaphthalene	605-02-7	9.89496	3261.4425	187.214	179.45	298.62	3
17651	C16H12S2	3,6-diphenyl-1,2-dithiine	16212-85-4	21.52010	9113.0000	273.150	170.95	223.79	3
17652	C16H14	1,3-dimethylantracene	610-46-8	6.49219	1904.0206	152.084	194.59	423.09	2
17653	C16H14	2,10-dimethylantracene	27532-76-9	6.49219	1904.0206	152.084	194.59	423.09	2
17654	C16H14	9,10-dimethylantracene	781-43-1	6.49219	1904.0206	152.084	194.59	423.09	2
17655	C16H14	9-ethylantracene	605-83-4	6.49219	1904.0206	152.084	194.59	423.09	2
17656	C16H14	9,10-dimethylphenanthrene	604-83-1	6.84853	2078.8703	153.802	201.65	413.16	3
17657	C16H14	9-ethylphenanthrene	3674-75-7	6.84853	2078.8703	153.802	201.65	413.16	3
17658	C16H14	3,6-dimethylphenanthrene	1576-67-6	6.84853	2078.8703	153.802	201.65	413.16	3
17659	C16H14	1,4-dimethylphenanthrene	22349-59-3	6.84853	2078.8703	153.802	201.65	413.16	3
17660	C16H14	2,7-dimethylphenanthrene	1576-69-8	6.84853	2078.8703	153.802	201.65	413.16	3
17661	C16H14	2,5-dimethylphenanthrene	3674-66-6	6.84853	2078.8703	153.802	201.65	413.16	3
17662	C16H14	4,5-dimethylphenanthrene	3674-69-9	6.84853	2078.8703	153.802	201.65	413.16	3
17663	C16H14	dimethylantracene	29063-00-1	6.49219	1904.0206	152.084	194.59	423.09	2
17664	C16H14	1,2,3,10b-tetrahydro-fluoranthene	20279-21-4	13.29161	5760.2369	273.150	195.48	296.62	3
17665	C16H16	1,1-diphenyl-1-butene	1726-14-3	7.05611	1957.7439	174.138	149.13	331.18	1,2
17666	C16H16	1,3-diphenyl-1-butene	7614-93-9	7.17437	2048.5082	169.606	162.17	343.48	2
17667	C16H16	cis-2,3-diphenyl-2-butene	782-05-8	7.13414	2030.8936	169.977	161.10	343.87	2
17668	C16H16	trans-2,3-diphenyl-2-butene	782-06-9	7.13414	2030.8936	169.977	161.10	343.87	2
17669	C16H16	2,2'-dimethylstilbene	10311-74-7	6.84755	1953.5504	169.977	164.10	362.95	3
17670	C16H16	alpha-ethylstilbene	22692-70-2	6.52370	1807.3947	173.637	153.57	367.20	3
17671	C16H16	[2.2]paracyclophane	1633-22-3	14.01487	6186.7102	273.150	202.21	297.95	3
17672	C16H16	2,3,9-trimethylfluorene	96563-06-3	6.03244	1630.9154	169.977	154.10	402.15	3
17673	C16H16	[2.2]-metacyclophane	2319-97-3	8.65632	3209.1954	273.150	146.01	313.06	3
17674	C16H16	[2.2]-metaparacyclophane	5385-36-4	8.47284	3107.2447	273.150	142.66	314.12	3
17675	C16H18	1,1-diphenylbutane	719-79-9	7.00525	1914.0756	177.032	141.70	323.59	1,2
17676	C16H18	1,2-diphenylbutane	5223-59-6	6.72198	1843.8283	175.166	147.07	345.67	2
17677	C16H18	1,4-diphenylbutane	1083-56-3	7.11458	2053.3257	167.938	167.87	354.17	1,2
17678	C16H18	1,3-diphenylbutane, (±)	116783-21-2	6.77390	1866.5877	174.610	148.67	345.03	2
17679	C16H18	1,3-diphenyl-2-methylpropane	1520-46-3	7.05033	1987.5361	171.830	156.67	341.95	2
17680	C16H18	2-butyl-1,1'-biphenyl	54532-97-7	6.79725	1892.9070	173.472	153.05	350.10	2

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mm Hg, } T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
17681	C16H18	2,2',4,4'-tetramethyl-1,1'-biphenyl	3976-36-1	6.54530	1781.4186	176.278	144.97	353.36	2
17682	C16H18	2,2',5,5'-tetramethyl-1,1'-biphenyl	3075-84-1	6.49829	1760.5756	176.834	143.37	354.03	2
17683	C16H18	1,1-di-p-tolyethane	530-45-0	7.55734	2173.6058	179.939	151.54	316.83	3
17684	C16H18	DL-2,3-diphenylbutane	2726-21-8	7.08110	2000.9761	171.538	157.51	341.63	2
17685	C16H18	meso-2,3-diphenylbutane	4613-11-0	6.88746	1916.4754	173.472	152.05	343.71	2
17686	C16H18	1-O-tolyl-1-p-tolyethane	900000-03-5	7.88448	2325.6697	179.941	157.87	314.60	3
17687	C16H18Cl4O4	tetrachlorophthalic acid, dibutyl ester	3015-66-5	6.18840	2650.1298	273.150	237.63	608.30	3
17688	C16H20	1-hexylnaphthalene	2876-53-1	7.46859	2347.5664	191.851	171.07	355.78	1,2
17689	C16H20	2-hexylnaphthalene	2876-46-2	7.02926	2029.0881	166.270	170.27	361.12	1,2
17690	C16H20	1-isopropyl-2,4,7-trimethylnaphthalene	6995-30-8	6.77850	1919.9788	170.413	161.85	363.41	2
17691	C16H20	1,2,5-trimethyl-8-isopropylnaphthalene	6897-76-3	6.77850	1919.9788	170.413	161.85	363.41	2
17692	C16H20	1,3,8-trimethyl-5-isopropylnaphthalene	6897-88-7	6.77850	1919.9788	170.413	161.85	363.41	2
17693	C16H20	2,6-diisopropylnaphthalene	24157-81-1	6.03841	1580.6936	178.419	135.31	374.94	2
17694	C16H20	bis(isopropyl)naphthalene	38640-62-9	6.77850	1919.9788	170.413	161.85	363.41	2
17695	C16H21Cl3O3	(2-ethylhexyl)2,4,5-trichloro-phenoxyacetate	1928-47-8	6.01933	2160.0902	204.670	225.68	556.60	3
17696	C16H21Cl3O3	octyl 2,4,5-trichloro-phenoxyacetate	2630-15-1	5.48847	1574.2499	120.120	230.61	562.37	3
17697	C16H22Cl2O3	2,4-D 2-ethylhexyl ester	1928-43-4	4.15795	759.9319	145.660	94.98	632.87	3
17698	C16H22Cl2O3	(1-methylheptyl)2,4-dichloro-phenoxyacetate	1917-97-1	5.91499	1866.9161	165.930	213.91	517.14	3
17699	C16H22O4	dibutyl phthalate	84-74-2	8.30854	2786.8340	182.284	199.03	361.31	3
17700	C16H24	1-hexyl-[1,2,3,4-tetrahydronaphthalene]	66325-11-9	6.74715	1887.0451	171.274	157.07	358.01	2
17701	C16H24	2-hexyl-[1,2,3,4-tetrahydronaphthalene]	66325-09-5	6.87799	1945.3453	169.884	161.07	356.43	2
17702	C16H24	1,2,3,4-tetrahydro-6-ethyl-1,1,4,4-tetramethylnaphthalene	80-81-9	6.82282	1921.2342	170.579	159.37	357.09	2
17703	C16H26	decylbenzene	104-72-3	7.49890	2283.5361	196.586	154.79	332.37	1,2
17704	C16H26	pentaethylbenzene	605-01-6	7.56363	2346.3864	224.053	133.43	311.43	1,2
17705	C16H26	6,9-dimethyl-5,9-tetradecadien-7-yne	101427-54-7	6.85507	1907.8145	175.963	149.88	343.42	2
17706	C16H26	6,10-hexadecadiyne	10160-99-3	7.19738	2093.7220	175.963	161.88	345.44	2
17707	C16H26	(1-methylnonyl)benzene	4537-13-7	7.33728	2072.6289	175.583	151.47	323.19	1,2
17708	C16H26O	2,6-di-tert-butyl-4-ethylphenol	4130-42-1	6.73327	1854.2436	180.448	142.97	341.66	3
17709	C16H26O	2,4-di-tert-amylphenol	120-95-6	6.73327	1854.2436	180.448	142.97	341.66	3
17710	C16H27N	4-decylaniline	37529-30-9	7.11024	2024.8740	173.540	157.85	341.90	2
17711	C16H28	tricyclo[8.2.2.2(4,7)]hexadecane	289-68-9	8.91352	3435.5931	273.150	160.99	326.25	3
17712	C16H28	tricyclopentyl-methane	3752-92-9	7.98625	2663.7979	225.413	155.88	329.04	3
17713	C16H28O	2-hexadecynal	---	6.60522	1987.8915	164.880	189.77	415.80	3
17714	C16H28O2	2-hexadecynoic acid	---	7.71514	2667.6967	142.185	255	446	3
17715	C16H28O2	3-hexadecynoic acid	---	7.71514	2667.6967	142.185	255	446	3
17716	C16H28O2	4-hexadecynoic acid	---	7.71514	2667.6967	142.185	255	446	3
17717	C16H28O2	5-hexadecynoic acid	---	7.71514	2667.6967	142.185	255	446	3
17718	C16H28O2	6-hexadecynoic acid	---	7.71514	2667.6967	142.185	255	446	3
17719	C16H28O2	7-hexadecynoic acid	---	7.71514	2667.6967	142.185	255	446	3
17720	C16H28O2	8-hexadecynoic acid	---	7.71514	2667.6967	142.185	255	446	3
17721	C16H28O2	9-hexadecynoic acid	---	7.71514	2667.6967	142.185	255	446	3
17722	C16H28O2	10-hexadecynoic acid	---	7.71514	2667.6967	142.185	255	446	3
17723	C16H28O2	11-hexadecynoic acid	---	7.71514	2667.6967	142.185	255	446	3
17724	C16H28O2	12-hexadecynoic acid	---	7.71514	2667.6967	142.185	255	446	3
17725	C16H28O2	13-hexadecynoic acid	---	7.71514	2667.6967	142.185	255	446	3
17726	C16H28O2	14-hexadecynoic acid	---	7.71514	2667.6967	142.185	255	446	3
17727	C16H28O2	15-hexadecynoic acid	---	7.71514	2667.6967	142.185	255	446	3
17728	C16H28O2	4-methyl-2-pentadecynoic acid	---	7.71514	2667.6967	142.185	255	446	3
17729	C16H28O2	5-methyl-2-pentadecynoic acid	---	7.71514	2667.6967	142.185	255	446	3
17730	C16H28O2	6-methyl-2-pentadecynoic acid	---	7.71514	2667.6967	142.185	255	446	3
17731	C16H28O2	7-methyl-2-pentadecynoic acid	---	7.71514	2667.6967	142.185	255	446	3
17732	C16H28O2	8-methyl-2-pentadecynoic acid	---	7.71514	2667.6967	142.185	255	446	3
17733	C16H28O2	9-methyl-2-pentadecynoic acid	---	7.71514	2667.6967	142.185	255	446	3
17734	C16H28O2	10-methyl-2-pentadecynoic acid	---	7.71514	2667.6967	142.185	255	446	3
17735	C16H28O2	11-methyl-2-pentadecynoic acid	---	7.71514	2667.6967	142.185	255	446	3
17736	C16H28O2	12-methyl-2-pentadecynoic acid	---	7.71514	2667.6967	142.185	255	446	3
17737	C16H28O2	13-methyl-2-pentadecynoic acid	---	7.71514	2667.6967	142.185	255	446	3
17738	C16H28O2	14-methyl-2-pentadecynoic acid	---	7.71514	2667.6967	142.185	255	446	3
17739	C16H28O2	2-methyl-3-pentadecynoic acid	---	7.71514	2667.6967	142.185	255	446	3
17740	C16H28O2	5-methyl-3-pentadecynoic acid	---	7.71514	2667.6967	142.185	255	446	3
17741	C16H28O2	6-methyl-3-pentadecynoic acid	---	7.71514	2667.6967	142.185	255	446	3
17742	C16H28O2	7-methyl-3-pentadecynoic acid	---	7.71514	2667.6967	142.185	255	446	3
17743	C16H28O2	8-methyl-3-pentadecynoic acid	---	7.71514	2667.6967	142.185	255	446	3
17744	C16H28O2	9-methyl-3-pentadecynoic acid	---	7.71514	2667.6967	142.185	255	446	3
17745	C16H28O2	10-methyl-3-pentadecynoic acid	---	7.71514	2667.6967	142.185	255	446	3
17746	C16H28O2	11-methyl-3-pentadecynoic acid	---	7.71514	2667.6967	142.185	255	446	3
17747	C16H28O2	12-methyl-3-pentadecynoic acid	---	7.71514	2667.6967	142.185	255	446	3
17748	C16H28O2	13-methyl-3-pentadecynoic acid	---	7.71514	2667.6967	142.185	255	446	3
17749	C16H28O2	14-methyl-3-pentadecynoic acid	---	7.71514	2667.6967	142.185	255	446	3
17750	C16H28O2	2-methyl-4-pentadecynoic acid	---	7.71514	2667.6967	142.185	255	446	3
17751	C16H28O2	3-methyl-4-pentadecynoic acid	---	7.71514	2667.6967	142.185	255	446	3
17752	C16H28O2	6-methyl-4-pentadecynoic acid	---	7.71514	2667.6967	142.185	255	446	3
17753	C16H28O2	7-methyl-4-pentadecynoic acid	---	7.71514	2667.6967	142.185	255	446	3
17754	C16H28O2	8-methyl-4-pentadecynoic acid	---	7.71514	2667.6967	142.185	255	446	3
17755	C16H28O2	9-methyl-4-pentadecynoic acid	---	7.71514	2667.6967	142.185	255	446	3
17756	C16H28O2	10-methyl-4-pentadecynoic acid	---	7.71514	2667.6967	142.185	255	446	3
17757	C16H28O2	11-methyl-4-pentadecynoic acid	---	7.71514	2667.6967	142.185	255	446	3
17758	C16H28O2	12-methyl-4-pentadecynoic acid	---	7.71514	2667.6967	142.185	255	446	3
17759	C16H28O2	13-methyl-4-pentadecynoic acid	---	7.71514	2667.6967	142.185	255	446	3
17760	C16H28O2	14-methyl-4-pentadecynoic acid	---	7.71514	2667.6967	142.185	255	446	3

Table 1 Vapor Pressure – Organic Compounds

log ₁₀ P = A - B/(T + C) (P - mm Hg, T - C)									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
17761	C16H28O2	4-ethyl-2-tetradecynoic acid	---	7.71514	2667.6967	142.185	255	446	3
17762	C16H28O2	5-ethyl-2-tetradecynoic acid	---	7.71514	2667.6967	142.185	255	446	3
17763	C16H28O2	6-ethyl-2-tetradecynoic acid	---	7.71514	2667.6967	142.185	255	446	3
17764	C16H28O2	7-ethyl-2-tetradecynoic acid	---	7.71514	2667.6967	142.185	255	446	3
17765	C16H28O2	8-ethyl-2-tetradecynoic acid	---	7.71514	2667.6967	142.185	255	446	3
17766	C16H28O2	9-ethyl-2-tetradecynoic acid	---	7.71514	2667.6967	142.185	255	446	3
17767	C16H28O2	10-ethyl-2-tetradecynoic acid	---	7.71514	2667.6967	142.185	255	446	3
17768	C16H28O2	11-ethyl-2-tetradecynoic acid	---	7.71514	2667.6967	142.185	255	446	3
17769	C16H28O2	12-ethyl-2-tetradecynoic acid	---	7.71514	2667.6967	142.185	255	446	3
17770	C16H28O2	13-ethyl-2-tetradecynoic acid	---	7.71514	2667.6967	142.185	255	446	3
17771	C16H28S	2-dodecylthiophene	4861-61-4	7.23474	2128.4560	168.216	173.17	356.95	2
17772	C16H28S	3-dodecylthiophene	104934-52-3	7.47347	2242.6066	167.660	178.77	354.89	2
17773	C16H28S	2-isododecylthiophene	---	7.08736	2062.2530	169.606	169.17	358.43	2
17774	C16H28S	3-isododecylthiophene	---	7.14537	2088.3211	169.050	170.77	357.83	2
17775	C16H28S	2-sec-dodecylthiophene	---	6.94756	1999.3688	170.996	165.17	359.94	2
17776	C16H28S	3-sec-dodecylthiophene	---	7.00261	2024.1408	170.440	166.77	359.33	2
17777	C16H28S	2-tert-dodecylthiophene	---	6.81477	1939.5536	172.386	161.17	361.50	2
17778	C16H28S	3-tert-dodecylthiophene	---	6.86708	1963.1263	171.830	162.77	360.87	2
17779	C16H28S	2-methyl-3-undecylthiophene	---	7.26519	2142.1188	167.938	173.97	356.66	2
17780	C16H28S	2-methyl-4-undecyl thiophene	---	7.29596	2155.9276	167.660	174.77	356.37	2
17781	C16H28S	2-methyl-5-undecyl thiophene	---	7.32708	2169.8850	167.382	175.57	356.08	2
17782	C16H28S	3-methyl-2-undecylthiophene	---	7.32708	2169.8850	167.382	175.57	356.08	2
17783	C16H28S	3-methyl-4-undecyl thiophene	---	7.35854	2183.9935	167.104	176.37	355.80	2
17784	C16H28S	3-methyl-5-undecylthiophene	---	7.39035	2198.2554	166.826	177.17	355.51	2
17785	C16H30	1-hexadecyne	629-74-3	7.61328	2180.3144	177.110	152.58	314.90	2
17786	C16H30	2-hexadecyne	629-75-4	8.08402	2379.8516	173.776	162.17	311.69	2
17787	C16H30	3-hexadecyne	61886-62-2	7.68658	2211.4270	176.556	154.17	314.36	2
17788	C16H30	4-hexadecyne	---	7.72410	2227.3458	176.278	154.97	314.08	2
17789	C16H30	5-hexadecyne	---	7.76209	2243.4596	176.000	155.77	313.81	2
17790	C16H30	6-hexadecyne	---	7.80056	2259.7721	175.722	156.57	313.54	2
17791	C16H30	7-hexadecyne	---	7.83951	2276.2870	175.444	157.37	313.27	2
17792	C16H30	8-hexadecyne	---	7.87896	2293.0082	175.166	158.17	313.01	2
17793	C16H30	3-methyl-1-pentadecyne	---	7.61291	2180.1599	177.112	152.57	314.90	2
17794	C16H30	4-methyl-1-pentadecyne	---	7.61291	2180.1599	177.112	152.57	314.90	2
17795	C16H30	5-methyl-1-pentadecyne	---	7.61291	2180.1599	177.112	152.57	314.90	2
17796	C16H30	6-methyl-1-pentadecyne	---	7.61291	2180.1599	177.112	152.57	314.90	2
17797	C16H30	7-methyl-1-pentadecyne	---	7.61291	2180.1599	177.112	152.57	314.90	2
17798	C16H30	8-methyl-1-pentadecyne	---	7.61291	2180.1599	177.112	152.57	314.90	2
17799	C16H30	9-methyl-1-pentadecyne	---	7.61291	2180.1599	177.112	152.57	314.90	2
17800	C16H30	10-methyl-1-pentadecyne	---	7.61291	2180.1599	177.112	152.57	314.90	2
17801	C16H30	11-methyl-1-pentadecyne	---	7.61291	2180.1599	177.112	152.57	314.90	2
17802	C16H30	12-methyl-1-pentadecyne	---	7.61291	2180.1599	177.112	152.57	314.90	2
17803	C16H30	13-methyl-1-pentadecyne	---	7.61291	2180.1599	177.112	152.57	314.90	2
17804	C16H30	14-methyl-1-pentadecyne	---	7.61291	2180.1599	177.112	152.57	314.90	2
17805	C16H30	4-methyl-2-pentadecyne	---	7.61291	2180.1599	177.112	152.57	314.90	2
17806	C16H30	5-methyl-2-pentadecyne	---	7.61291	2180.1599	177.112	152.57	314.90	2
17807	C16H30	6-methyl-2-pentadecyne	---	7.61291	2180.1599	177.112	152.57	314.90	2
17808	C16H30	7-methyl-2-pentadecyne	---	7.61291	2180.1599	177.112	152.57	314.90	2
17809	C16H30	8-methyl-2-pentadecyne	---	7.61291	2180.1599	177.112	152.57	314.90	2
17810	C16H30	9-methyl-2-pentadecyne	---	7.61291	2180.1599	177.112	152.57	314.90	2
17811	C16H30	10-methyl-2-pentadecyne	---	7.61291	2180.1599	177.112	152.57	314.90	2
17812	C16H30	11-methyl-2-pentadecyne	---	7.61291	2180.1599	177.112	152.57	314.90	2
17813	C16H30	12-methyl-2-pentadecyne	---	7.61291	2180.1599	177.112	152.57	314.90	2
17814	C16H30	13-methyl-2-pentadecyne	---	7.61291	2180.1599	177.112	152.57	314.90	2
17815	C16H30	14-methyl-2-pentadecyne	---	7.61291	2180.1599	177.112	152.57	314.90	2
17816	C16H30	5-methyl-3-pentadecyne	---	7.61291	2180.1599	177.112	152.57	314.90	2
17817	C16H30	6-methyl-3-pentadecyne	---	7.61291	2180.1599	177.112	152.57	314.90	2
17818	C16H30	7-methyl-3-pentadecyne	---	7.61291	2180.1599	177.112	152.57	314.90	2
17819	C16H30	8-methyl-3-pentadecyne	---	7.61291	2180.1599	177.112	152.57	314.90	2
17820	C16H30	9-methyl-3-pentadecyne	---	7.61291	2180.1599	177.112	152.57	314.90	2
17821	C16H30	10-methyl-3-pentadecyne	---	7.61291	2180.1599	177.112	152.57	314.90	2
17822	C16H30	11-methyl-3-pentadecyne	---	7.61291	2180.1599	177.112	152.57	314.90	2
17823	C16H30	12-methyl-3-pentadecyne	---	7.61291	2180.1599	177.112	152.57	314.90	2
17824	C16H30	13-methyl-3-pentadecyne	---	7.61291	2180.1599	177.112	152.57	314.90	2
17825	C16H30	14-methyl-3-pentadecyne	---	7.61291	2180.1599	177.112	152.57	314.90	2
17826	C16H30	3,3-dimethyl-1-tetradecyne	---	7.36867	2076.3660	179.058	146.97	316.87	2
17827	C16H30	3,4-dimethyl-1-tetradecyne	---	7.36867	2076.3660	179.058	146.97	316.87	2
17828	C16H30	3,5-dimethyl-1-tetradecyne	---	7.36867	2076.3660	179.058	146.97	316.87	2
17829	C16H30	3,6-dimethyl-1-tetradecyne	---	7.36867	2076.3660	179.058	146.97	316.87	2
17830	C16H30	3,7-dimethyl-1-tetradecyne	---	7.36867	2076.3660	179.058	146.97	316.87	2
17831	C16H30	3,8-dimethyl-1-tetradecyne	---	7.36867	2076.3660	179.058	146.97	316.87	2
17832	C16H30	3,9-dimethyl-1-tetradecyne	---	7.36867	2076.3660	179.058	146.97	316.87	2
17833	C16H30	3,10-dimethyl-1-tetradecyne	---	7.36867	2076.3660	179.058	146.97	316.87	2
17834	C16H30	3,11-dimethyl-1-tetradecyne	---	7.36867	2076.3660	179.058	146.97	316.87	2
17835	C16H30	3,12-dimethyl-1-tetradecyne	---	7.36867	2076.3660	179.058	146.97	316.87	2
17836	C16H30	3,13-dimethyl-1-tetradecyne	---	7.36867	2076.3660	179.058	146.97	316.87	2
17837	C16H30	4,4-dimethyl-2-tetradecyne	---	7.36867	2076.3660	179.058	146.97	316.87	2
17838	C16H30	4,5-dimethyl-2-tetradecyne	---	7.36867	2076.3660	179.058	146.97	316.87	2
17839	C16H30	4,6-dimethyl-2-tetradecyne	---	7.36867	2076.3660	179.058	146.97	316.87	2
17840	C16H30	4,7-dimethyl-2-tetradecyne	---	7.36867	2076.3660	179.058	146.97	316.87	2

Table 1 Vapor Pressure – Organic Compounds

log ₁₀ P = A - B/(T + C) (P - mm Hg, T - C)									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
17841	C16H30	4,8-dimethyl-2-tetradecyne	---	7.36867	2076.3660	179.058	146.97	316.87	2
17842	C16H30	4,9-dimethyl-2-tetradecyne	---	7.36867	2076.3660	179.058	146.97	316.87	2
17843	C16H30	4,10-dimethyl-2-tetradecyne	---	7.36867	2076.3660	179.058	146.97	316.87	2
17844	C16H30	4,11-dimethyl-2-tetradecyne	---	7.36867	2076.3660	179.058	146.97	316.87	2
17845	C16H30	4,12-dimethyl-2-tetradecyne	---	7.36867	2076.3660	179.058	146.97	316.87	2
17846	C16H30	4,13-dimethyl-2-tetradecyne	---	7.36867	2076.3660	179.058	146.97	316.87	2
17847	C16H30	3-ethyl-1-tetradecyne	---	7.61291	2180.1599	177.112	152.57	314.90	2
17848	C16H30	4-ethyl-1-tetradecyne	---	7.61291	2180.1599	177.112	152.57	314.90	2
17849	C16H30	5-ethyl-1-tetradecyne	---	7.61291	2180.1599	177.112	152.57	314.90	2
17850	C16H30	6-ethyl-1-tetradecyne	---	7.61291	2180.1599	177.112	152.57	314.90	2
17851	C16H30	7-ethyl-1-tetradecyne	---	7.61291	2180.1599	177.112	152.57	314.90	2
17852	C16H30	8-ethyl-1-tetradecyne	---	7.61291	2180.1599	177.112	152.57	314.90	2
17853	C16H30	9-ethyl-1-tetradecyne	---	7.61291	2180.1599	177.112	152.57	314.90	2
17854	C16H30	10-ethyl-1-tetradecyne	---	7.61291	2180.1599	177.112	152.57	314.90	2
17855	C16H30	11-ethyl-1-tetradecyne	---	7.61291	2180.1599	177.112	152.57	314.90	2
17856	C16H30	12-ethyl-1-tetradecyne	---	7.61291	2180.1599	177.112	152.57	314.90	2
17857	C16H30	13-ethyl-1-tetradecyne	---	7.61291	2180.1599	177.112	152.57	314.90	2
17858	C16H30	1,1-dicyclohexylbutane	54890-00-5	6.93323	1894.8638	174.619	144.75	330.49	1,2
17859	C16H30	1,4-dicyclohexylbutane	6165-44-2	6.95096	1937.8975	171.274	154.37	342.88	1,2
17860	C16H30	1,3-dicyclohexyl-2-methylpropane	2883-08-1	6.93444	1902.1571	173.999	146.53	332.89	1,2
17861	C16H30	1-undecylcyclopentene	62184-76-3	7.30062	2071.3233	185.040	143.71	317.86	2
17862	C16H30	1,3-dicyclohexylbutane	41851-35-8	6.94488	1930.2996	171.777	152.92	341.19	1,2
17863	C16H30O	2-hexadecenal	27104-14-9	6.89055	2007.3590	169.606	171.17	371.65	3
17864	C16H30O2	2-hexadecenoic acid	---	7.21685	2302.1618	156.540	213.77	414.01	2
17865	C16H30O2	3-hexadecenoic acid	---	7.21685	2302.1618	156.540	213.77	414.01	2
17866	C16H30O2	4-hexadecenoic acid	---	7.21685	2302.1618	156.540	213.77	414.01	2
17867	C16H30O2	5-hexadecenoic acid	---	7.21685	2302.1618	156.540	213.77	414.01	2
17868	C16H30O2	6-hexadecenoic acid	---	7.21685	2302.1618	156.540	213.77	414.01	2
17869	C16H30O2	7-hexadecenoic acid	1191-75-9	7.21685	2302.1618	156.540	213.77	414.01	2
17870	C16H30O2	8-hexadecenoic acid	---	7.21685	2302.1618	156.540	213.77	414.01	2
17871	C16H30O2	9-hexadecenoic acid	2091-29-4	7.21685	2302.1618	156.540	213.77	414.01	2
17872	C16H30O2	cis-9-hexadecenoic acid	373-49-9	7.21685	2302.1618	156.540	213.77	414.01	2
17873	C16H30O2	trans-9-hexadecenoic acid	10030-73-6	7.21685	2302.1618	156.540	213.77	414.01	2
17874	C16H30O2	10-hexadecenoic acid	---	7.21685	2302.1618	156.540	213.77	414.01	2
17875	C16H30O2	11-hexadecenoic acid	---	7.21685	2302.1618	156.540	213.77	414.01	2
17876	C16H30O2	12-hexadecenoic acid	---	7.21685	2302.1618	156.540	213.77	414.01	2
17877	C16H30O2	13-hexadecenoic acid	---	7.21685	2302.1618	156.540	213.77	414.01	2
17878	C16H30O2	14-hexadecenoic acid	---	7.21685	2302.1618	156.540	213.77	414.01	2
17879	C16H30O2	15-hexadecenoic acid	---	7.21685	2302.1618	156.540	213.77	414.01	2
17880	C16H30O2	2-methyl-2-pentadecenoic acid	---	7.00368	2198.1521	158.764	207.37	416.39	2
17881	C16H30O2	3-methyl-2-pentadecenoic acid	---	7.00368	2198.1521	158.764	207.37	416.39	2
17882	C16H30O2	4-methyl-2-pentadecenoic acid	---	7.00368	2198.1521	158.764	207.37	416.39	2
17883	C16H30O2	5-methyl-2-pentadecenoic acid	---	7.00368	2198.1521	158.764	207.37	416.39	2
17884	C16H30O2	6-methyl-2-pentadecenoic acid	---	7.00368	2198.1521	158.764	207.37	416.39	2
17885	C16H30O2	7-methyl-2-pentadecenoic acid	---	7.00368	2198.1521	158.764	207.37	416.39	2
17886	C16H30O2	8-methyl-2-pentadecenoic acid	---	7.00368	2198.1521	158.764	207.37	416.39	2
17887	C16H30O2	9-methyl-2-pentadecenoic acid	---	7.00368	2198.1521	158.764	207.37	416.39	2
17888	C16H30O2	10-methyl-2-pentadecenoic acid	---	7.00368	2198.1521	158.764	207.37	416.39	2
17889	C16H30O2	11-methyl-2-pentadecenoic acid	---	7.00368	2198.1521	158.764	207.37	416.39	2
17890	C16H30O2	12-methyl-2-pentadecenoic acid	---	7.00368	2198.1521	158.764	207.37	416.39	2
17891	C16H30O2	13-methyl-2-pentadecenoic acid	---	7.00368	2198.1521	158.764	207.37	416.39	2
17892	C16H30O2	14-methyl-2-pentadecenoic acid	---	7.00368	2198.1521	158.764	207.37	416.39	2
17893	C16H30O2	2-methyl-3-pentadecenoic acid	---	7.00368	2198.1521	158.764	207.37	416.39	2
17894	C16H30O2	3-methyl-3-pentadecenoic acid	---	7.00368	2198.1521	158.764	207.37	416.39	2
17895	C16H30O2	4-methyl-3-pentadecenoic acid	---	7.00368	2198.1521	158.764	207.37	416.39	2
17896	C16H30O2	5-methyl-3-pentadecenoic acid	---	7.00368	2198.1521	158.764	207.37	416.39	2
17897	C16H30O2	6-methyl-3-pentadecenoic acid	---	7.00368	2198.1521	158.764	207.37	416.39	2
17898	C16H30O2	7-methyl-3-pentadecenoic acid	---	7.00368	2198.1521	158.764	207.37	416.39	2
17899	C16H30O2	8-methyl-3-pentadecenoic acid	---	7.00368	2198.1521	158.764	207.37	416.39	2
17900	C16H30O2	9-methyl-3-pentadecenoic acid	---	7.00368	2198.1521	158.764	207.37	416.39	2
17901	C16H30O2	10-methyl-3-pentadecenoic acid	---	7.00368	2198.1521	158.764	207.37	416.39	2
17902	C16H30O2	11-methyl-3-pentadecenoic acid	---	7.00368	2198.1521	158.764	207.37	416.39	2
17903	C16H30O2	12-methyl-3-pentadecenoic acid	---	7.00368	2198.1521	158.764	207.37	416.39	2
17904	C16H30O2	13-methyl-3-pentadecenoic acid	---	7.00368	2198.1521	158.764	207.37	416.39	2
17905	C16H30O2	14-methyl-3-pentadecenoic acid	---	7.00368	2198.1521	158.764	207.37	416.39	2
17906	C16H30O2	2-methyl-4-pentadecenoic acid	---	7.00368	2198.1521	158.764	207.37	416.39	2
17907	C16H30O2	3-methyl-4-pentadecenoic acid	---	7.00368	2198.1521	158.764	207.37	416.39	2
17908	C16H30O2	4-methyl-4-pentadecenoic acid	---	7.00368	2198.1521	158.764	207.37	416.39	2
17909	C16H30O2	5-methyl-4-pentadecenoic acid	---	7.00368	2198.1521	158.764	207.37	416.39	2
17910	C16H30O2	6-methyl-4-pentadecenoic acid	---	7.00368	2198.1521	158.764	207.37	416.39	2
17911	C16H30O2	7-methyl-4-pentadecenoic acid	---	7.00368	2198.1521	158.764	207.37	416.39	2
17912	C16H30O2	8-methyl-4-pentadecenoic acid	---	7.00368	2198.1521	158.764	207.37	416.39	2
17913	C16H30O2	9-methyl-4-pentadecenoic acid	---	7.00368	2198.1521	158.764	207.37	416.39	2
17914	C16H30O2	10-methyl-4-pentadecenoic acid	---	7.00368	2198.1521	158.764	207.37	416.39	2
17915	C16H30O2	11-methyl-4-pentadecenoic acid	---	7.00368	2198.1521	158.764	207.37	416.39	2
17916	C16H30O2	12-methyl-4-pentadecenoic acid	---	7.00368	2198.1521	158.764	207.37	416.39	2
17917	C16H30O2	13-methyl-4-pentadecenoic acid	---	7.00368	2198.1521	158.764	207.37	416.39	2
17918	C16H30O2	14-methyl-4-pentadecenoic acid	---	7.00368	2198.1521	158.764	207.37	416.39	2
17919	C16H30O2	2,3-dimethyl-2-tetradecenoic acid	---	6.80624	2101.6175	160.988	200.97	418.86	2
17920	C16H30O2	2,4-dimethyl-2-tetradecenoic acid	---	6.80624	2101.6175	160.988	200.97	418.86	2

Table 1 Vapor Pressure – Organic Compounds

log ₁₀ P = A - B/(T + C) (P - mm Hg, T - C)									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
17921	C16H30O2	2,5-dimethyl-2-tetradecenoic acid	---	6.80624	2101.6175	160.988	200.97	418.86	2
17922	C16H30O2	2,6-dimethyl-2-tetradecenoic acid	---	6.80624	2101.6175	160.988	200.97	418.86	2
17923	C16H30O2	2,7-dimethyl-2-tetradecenoic acid	---	6.80624	2101.6175	160.988	200.97	418.86	2
17924	C16H30O2	2,8-dimethyl-2-tetradecenoic acid	---	6.80624	2101.6175	160.988	200.97	418.86	2
17925	C16H30O2	2,9-dimethyl-2-tetradecenoic acid	---	6.80624	2101.6175	160.988	200.97	418.86	2
17926	C16H30O2	2,10-dimethyl-2-tetradecenoic acid	---	6.80624	2101.6175	160.988	200.97	418.86	2
17927	C16H30O2	2,11-dimethyl-2-tetradecenoic acid	---	6.80624	2101.6175	160.988	200.97	418.86	2
17928	C16H30O2	2,12-dimethyl-2-tetradecenoic acid	---	6.80624	2101.6175	160.988	200.97	418.86	2
17929	C16H30O2	2,13-dimethyl-2-tetradecenoic acid	---	6.80624	2101.6175	160.988	200.97	418.86	2
17930	C16H30O2	2-ethyl-2-tetradecenoic acid	---	6.90310	2149.0031	159.876	204.17	417.62	2
17931	C16H30O2	3-ethyl-2-tetradecenoic acid	---	6.90310	2149.0031	159.876	204.17	417.62	2
17932	C16H30O2	4-ethyl-2-tetradecenoic acid	---	6.90310	2149.0031	159.876	204.17	417.62	2
17933	C16H30O2	5-ethyl-2-tetradecenoic acid	---	6.90310	2149.0031	159.876	204.17	417.62	2
17934	C16H30O2	6-ethyl-2-tetradecenoic acid	---	6.90310	2149.0031	159.876	204.17	417.62	2
17935	C16H30O2	7-ethyl-2-tetradecenoic acid	---	6.90310	2149.0031	159.876	204.17	417.62	2
17936	C16H30O2	8-ethyl-2-tetradecenoic acid	---	6.90310	2149.0031	159.876	204.17	417.62	2
17937	C16H30O2	9-ethyl-2-tetradecenoic acid	---	6.90310	2149.0031	159.876	204.17	417.62	2
17938	C16H30O2	10-ethyl-2-tetradecenoic acid	---	6.90310	2149.0031	159.876	204.17	417.62	2
17939	C16H30O2	11-ethyl-2-tetradecenoic acid	---	6.90310	2149.0031	159.876	204.17	417.62	2
17940	C16H30O2	12-ethyl-2-tetradecenoic acid	---	6.90310	2149.0031	159.876	204.17	417.62	2
17941	C16H30O2	13-ethyl-2-tetradecenoic acid	---	6.90310	2149.0031	159.876	204.17	417.62	2
17942	C16H30O2	lauryl methacrylate	142-90-5	7.65273	2281.2881	170.440	172.47	339.81	2
17943	C16H30O2	cis-9-tetradecenyl acetate	16725-53-4	7.61845	2264.9008	170.440	171.77	340.06	2
17944	C16H30O2	cis-tetradec-11-en-1-yl acetate	20711-10-8	7.61845	2264.9008	170.440	171.77	340.06	2
17945	C16H30O2	trans-tetradec-11-en-1-yl acetate	33189-72-9	7.61845	2264.9008	170.440	171.77	340.06	2
17946	C16H30O4	hexadecanedioic acid	505-54-4	7.04784	2472.9665	142.379	266.52	497.29	3
17947	C16H31Br	1-bromo-1-hexadecene	---	7.83771	2432.7362	163.212	192.57	359.30	2
17948	C16H31Br	cis-1-bromo-1-hexadecene	66271-67-8	7.71338	2371.7199	163.212	190.07	360.17	2
17949	C16H31Br	trans-1-bromo-1-hexadecene	66271-68-9	7.71338	2371.7199	163.212	190.07	360.17	2
17950	C16H31Br	2-bromo-1-hexadecene	---	7.84505	2436.0617	163.157	192.73	359.24	2
17951	C16H31Br	3-bromo-1-hexadecene	---	7.85240	2439.3949	163.101	192.89	359.19	2
17952	C16H31Br	4-bromo-1-hexadecene	---	7.85978	2442.7358	163.046	193.05	359.14	2
17953	C16H31Br	5-bromo-1-hexadecene	---	7.86717	2446.0846	162.990	193.21	359.08	2
17954	C16H31Br	6-bromo-1-hexadecene	---	7.87458	2449.4412	162.934	193.37	359.03	2
17955	C16H31Br	7-bromo-1-hexadecene	---	7.88200	2452.8056	162.879	193.53	358.98	2
17956	C16H31Br	8-bromo-1-hexadecene	---	7.88945	2456.1779	162.823	193.69	358.92	2
17957	C16H31Br	9-bromo-1-hexadecene	---	7.89691	2459.5581	162.768	193.85	358.87	2
17958	C16H31Br	10-bromo-1-hexadecene	---	7.90439	2462.9462	162.712	194.01	358.82	2
17959	C16H31Br	11-bromo-1-hexadecene	---	7.91188	2466.3423	162.656	194.17	358.76	2
17960	C16H31Br	12-bromo-1-hexadecene	---	7.91940	2469.7464	162.601	194.33	358.71	2
17961	C16H31Br	13-bromo-1-hexadecene	---	7.92693	2473.1586	162.545	194.49	358.66	2
17962	C16H31Br	14-bromo-1-hexadecene	---	7.93449	2476.5787	162.490	194.65	358.61	2
17963	C16H31Br	15-bromo-1-hexadecene	---	7.94206	2480.0070	162.434	194.81	358.55	2
17964	C16H31Br	16-bromo-1-hexadecene	---	7.94964	2483.4433	162.378	194.97	358.50	2
17965	C16H31Br	1-bromo-2-hexadecene	---	7.95725	2486.8878	162.323	195.13	358.45	2
17966	C16H31Br	2-bromo-2-hexadecene	---	7.96487	2490.3405	162.267	195.29	358.39	2
17967	C16H31Br	3-bromo-2-hexadecene	---	7.97252	2493.8014	162.212	195.45	358.34	2
17968	C16H31Br	4-bromo-2-hexadecene	---	7.98018	2497.2705	162.156	195.61	358.29	2
17969	C16H31Br	5-bromo-2-hexadecene	---	7.98786	2500.7478	162.100	195.77	358.24	2
17970	C16H31Br	6-bromo-2-hexadecene	---	7.99556	2504.2334	162.045	195.93	358.18	2
17971	C16H31Br	7-bromo-2-hexadecene	---	8.00328	2507.7274	161.989	196.09	358.13	2
17972	C16H31Br	8-bromo-2-hexadecene	---	8.01101	2511.2297	161.934	196.25	358.08	2
17973	C16H31Br	9-bromo-2-hexadecene	---	8.01877	2514.7404	161.878	196.41	358.03	2
17974	C16H31Br	10-bromo-2-hexadecene	---	8.02654	2518.2595	161.822	196.57	357.97	2
17975	C16H31Br	11-bromo-2-hexadecene	---	8.03434	2521.7870	161.767	196.73	357.92	2
17976	C16H31Br	12-bromo-2-hexadecene	---	8.04215	2525.3230	161.711	196.89	357.87	2
17977	C16H31Br	13-bromo-2-hexadecene	---	8.04998	2528.8675	161.656	197.05	357.82	2
17978	C16H31Br	14-bromo-2-hexadecene	---	8.05783	2532.4205	161.600	197.21	357.77	2
17979	C16H31Br	15-bromo-2-hexadecene	---	8.06570	2535.9821	161.544	197.37	357.71	2
17980	C16H31Br	16-bromo-2-hexadecene	---	8.07359	2539.5523	161.489	197.53	357.66	2
17981	C16H31Br3	1,1,1-tribromohexadecane	62127-72-4	7.94498	2660.1806	147.366	235.67	411.13	3
17982	C16H31Cl	1-chloro-1-hexadecene	---	6.80347	2041.0470	164.324	187.37	399.25	3
17983	C16H31Cl	cis-1-chloro-1-hexadecene	66271-69-0	6.80347	2041.0470	164.324	187.37	399.25	3
17984	C16H31Cl	trans-1-chloro-1-hexadecene	66271-70-3	6.80347	2041.0470	164.324	187.37	399.25	3
17985	C16H31Cl	2-chloro-1-hexadecene	---	6.81326	2045.7043	164.213	187.69	399.12	3
17986	C16H31Cl	3-chloro-1-hexadecene	---	6.81817	2048.0395	164.158	187.85	399.06	3
17987	C16H31Cl	4-chloro-1-hexadecene	---	6.82309	2050.3789	164.102	188.01	399.00	3
17988	C16H31Cl	5-chloro-1-hexadecene	---	6.82802	2052.7227	164.046	188.17	398.93	3
17989	C16H31Cl	6-chloro-1-hexadecene	---	6.83296	2055.0708	163.991	188.33	398.87	3
17990	C16H31Cl	7-chloro-1-hexadecene	---	6.83790	2057.4233	163.935	188.49	398.81	3
17991	C16H31Cl	8-chloro-1-hexadecene	---	6.84286	2059.7801	163.880	188.65	398.75	3
17992	C16H31Cl	9-chloro-1-hexadecene	---	6.84783	2062.1414	163.824	188.81	398.68	3
17993	C16H31Cl	10-chloro-1-hexadecene	---	6.85280	2064.5070	163.768	188.97	398.62	3
17994	C16H31Cl	11-chloro-1-hexadecene	---	6.85779	2066.8770	163.713	189.13	398.56	3
17995	C16H31Cl	12-chloro-1-hexadecene	---	6.86278	2069.2515	163.657	189.29	398.50	3
17996	C16H31Cl	13-chloro-1-hexadecene	---	6.86779	2071.6303	163.602	189.45	398.43	3
17997	C16H31Cl	14-chloro-1-hexadecene	---	6.87280	2074.0137	163.546	189.61	398.37	3
17998	C16H31Cl	15-chloro-1-hexadecene	---	6.87782	2076.4014	163.490	189.77	398.31	3
17999	C16H31Cl	16-chloro-1-hexadecene	---	6.88286	2078.7937	163.435	189.93	398.25	3
18000	C16H31Cl	1-chloro-2-hexadecene	---	6.88790	2081.1904	163.379	190.09	398.19	3

Table 1 Vapor Pressure – Organic Compounds

log ₁₀ P = A - B/(T + C) (P - mm Hg, T - C)									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
18001	C16H31Cl	2-chloro-2-hexadecene	---	6.89295	2083.5917	163.324	190.25	398.12	3
18002	C16H31Cl	3-chloro-2-hexadecene	---	6.89801	2085.9974	163.268	190.41	398.06	3
18003	C16H31Cl	4-chloro-2-hexadecene	---	6.90309	2088.4076	163.212	190.57	398.00	3
18004	C16H31Cl	5-chloro-2-hexadecene	---	6.90817	2090.8224	163.157	190.73	397.94	3
18005	C16H31Cl	6-chloro-2-hexadecene	---	6.91326	2093.2418	163.101	190.89	397.88	3
18006	C16H31Cl	7-chloro-2-hexadecene	---	6.91836	2095.6657	163.046	191.05	397.81	3
18007	C16H31Cl	8-chloro-2-hexadecene	---	6.92347	2098.0941	162.990	191.21	397.75	3
18008	C16H31Cl	9-chloro-2-hexadecene	---	6.92860	2100.5272	162.934	191.37	397.69	3
18009	C16H31Cl	10-chloro-2-hexadecene	---	6.93373	2102.9649	162.879	191.53	397.63	3
18010	C16H31Cl	11-chloro-2-hexadecene	---	6.93887	2105.4071	162.823	191.69	397.57	3
18011	C16H31Cl	12-chloro-2-hexadecene	---	6.94402	2107.8541	162.768	191.85	397.51	3
18012	C16H31Cl	13-chloro-2-hexadecene	---	6.94918	2110.3056	162.712	192.01	397.45	3
18013	C16H31Cl	14-chloro-2-hexadecene	---	6.95436	2112.7618	162.656	192.17	397.38	3
18014	C16H31Cl	15-chloro-2-hexadecene	---	6.95954	2115.2227	162.601	192.33	397.32	3
18015	C16H31Cl	16-chloro-2-hexadecene	---	6.96473	2117.6882	162.545	192.49	397.26	3
18016	C16H31Cl3	1,1,1-trichlorohexadecane	62108-60-5	7.11369	2233.2589	156.818	208.47	411.17	3
18017	C16H31F	1-fluoro-1-hexadecene	---	6.36472	1782.4207	176.278	155.97	383.72	2
18018	C16H31F	cis-1-fluoro-1-hexadecene	66271-71-4	6.36472	1782.4207	176.278	155.97	383.72	3
18019	C16H31F	trans-1-fluoro-1-hexadecene	66271-72-5	6.36472	1782.4207	176.278	155.97	383.72	3
18020	C16H31F	2-fluoro-1-hexadecene	---	6.36893	1784.3787	176.223	156.13	383.65	3
18021	C16H31F	3-fluoro-1-hexadecene	---	6.37314	1786.3401	176.167	156.29	383.59	3
18022	C16H31F	4-fluoro-1-hexadecene	---	6.37737	1788.3049	176.112	156.45	383.52	3
18023	C16H31F	5-fluoro-1-hexadecene	---	6.38159	1790.2731	176.056	156.61	383.45	3
18024	C16H31F	6-fluoro-1-hexadecene	---	6.38583	1792.2447	176.000	156.77	383.38	3
18025	C16H31F	7-fluoro-1-hexadecene	---	6.39008	1794.2197	175.945	156.93	383.31	3
18026	C16H31F	8-fluoro-1-hexadecene	---	6.39433	1796.1981	175.889	157.09	383.24	3
18027	C16H31F	9-fluoro-1-hexadecene	---	6.39859	1798.1800	175.834	157.25	383.17	3
18028	C16H31F	10-fluoro-1-hexadecene	---	6.40285	1800.1653	175.778	157.41	383.10	3
18029	C16H31F	11-fluoro-1-hexadecene	---	6.40713	1802.1541	175.722	157.57	383.04	3
18030	C16H31F	12-fluoro-1-hexadecene	---	6.41141	1804.1463	175.667	157.73	382.97	3
18031	C16H31F	13-fluoro-1-hexadecene	---	6.41570	1806.1420	175.611	157.89	382.90	3
18032	C16H31F	14-fluoro-1-hexadecene	---	6.42000	1808.1411	175.556	158.05	382.83	3
18033	C16H31F	15-fluoro-1-hexadecene	---	6.42430	1810.1438	175.500	158.21	382.76	3
18034	C16H31F	16-fluoro-1-hexadecene	---	6.42862	1812.1499	175.444	158.37	382.69	3
18035	C16H31F	1-fluoro-2-hexadecene	---	6.43294	1814.1596	175.389	158.53	382.63	3
18036	C16H31F	2-fluoro-2-hexadecene	---	6.43727	1816.1727	175.333	158.69	382.56	3
18037	C16H31F	3-fluoro-2-hexadecene	---	6.44160	1818.1894	175.278	158.85	382.49	3
18038	C16H31F	4-fluoro-2-hexadecene	---	6.44595	1820.2097	175.222	159.01	382.42	3
18039	C16H31F	5-fluoro-2-hexadecene	---	6.45030	1822.2335	175.166	159.17	382.35	3
18040	C16H31F	6-fluoro-2-hexadecene	---	6.45466	1824.2608	175.111	159.33	382.29	3
18041	C16H31F	7-fluoro-2-hexadecene	---	6.45903	1826.2917	175.055	159.49	382.22	3
18042	C16H31F	8-fluoro-2-hexadecene	---	6.46341	1828.3262	175.000	159.65	382.15	3
18043	C16H31F	9-fluoro-2-hexadecene	---	6.46779	1830.3642	174.944	159.81	382.08	3
18044	C16H31F	10-fluoro-2-hexadecene	---	6.47218	1832.4059	174.888	159.97	382.02	3
18045	C16H31F	11-fluoro-2-hexadecene	---	6.47658	1834.4512	174.833	160.13	381.95	3
18046	C16H31F	12-fluoro-2-hexadecene	---	6.48099	1836.5000	174.777	160.29	381.88	3
18047	C16H31F	13-fluoro-2-hexadecene	---	6.48541	1838.5525	174.722	160.45	381.81	3
18048	C16H31F	14-fluoro-2-hexadecene	---	6.48983	1840.6087	174.666	160.61	381.75	3
18049	C16H31F	15-fluoro-2-hexadecene	---	6.49427	1842.6684	174.610	160.77	381.68	3
18050	C16H31F	16-fluoro-2-hexadecene	---	6.49871	1844.7319	174.555	160.93	381.61	3
18051	C16H31F3	1,1,1-trifluorohexadecane	62127-01-9	6.50279	1775.6915	188.551	134.14	346.14	3
18052	C16H31I	1-iodo-1-hexadecene	---	9.02218	2924.6339	159.598	204.97	341.17	3
18053	C16H31I	cis-1-iodo-1-hexadecene	66271-73-6	9.02218	2924.6339	159.598	204.97	341.17	3
18054	C16H31I	trans-1-iodo-1-hexadecene	66271-74-7	9.02218	2924.6339	159.598	204.97	341.17	3
18055	C16H31I	2-iodo-1-hexadecene	---	9.02747	2926.9792	159.571	205.05	341.14	3
18056	C16H31I	3-iodo-1-hexadecene	---	9.03276	2929.3277	159.543	205.13	341.12	3
18057	C16H31I	4-iodo-1-hexadecene	---	9.03806	2931.6796	159.515	205.21	341.10	3
18058	C16H31I	5-iodo-1-hexadecene	---	9.04336	2934.0348	159.487	205.29	341.07	3
18059	C16H31I	6-iodo-1-hexadecene	---	9.04868	2936.3934	159.459	205.37	341.05	3
18060	C16H31I	7-iodo-1-hexadecene	---	9.05400	2938.7553	159.432	205.45	341.02	3
18061	C16H31I	8-iodo-1-hexadecene	---	9.05933	2941.1206	159.404	205.53	341.00	3
18062	C16H31I	9-iodo-1-hexadecene	---	9.06467	2943.4892	159.376	205.61	340.98	3
18063	C16H31I	10-iodo-1-hexadecene	---	9.07001	2945.8612	159.348	205.69	340.95	3
18064	C16H31I	11-iodo-1-hexadecene	---	9.07536	2948.2365	159.320	205.77	340.93	3
18065	C16H31I	12-iodo-1-hexadecene	---	9.08072	2950.6153	159.293	205.85	340.91	3
18066	C16H31I	13-iodo-1-hexadecene	---	9.08609	2952.9974	159.265	205.93	340.88	3
18067	C16H31I	14-iodo-1-hexadecene	---	9.09147	2955.3830	159.237	206.01	340.86	3
18068	C16H31I	15-iodo-1-hexadecene	---	9.09685	2957.7719	159.209	206.09	340.84	3
18069	C16H31I	16-iodo-1-hexadecene	---	9.10224	2960.1642	159.181	206.17	340.81	3
18070	C16H31I	1-iodo-2-hexadecene	---	9.10764	2962.5600	159.154	206.25	340.79	3
18071	C16H31I	2-iodo-2-hexadecene	---	9.11305	2964.9592	159.126	206.33	340.77	3
18072	C16H31I	3-iodo-2-hexadecene	---	9.11846	2967.3618	159.098	206.41	340.74	3
18073	C16H31I	4-iodo-2-hexadecene	---	9.12388	2969.7679	159.070	206.49	340.72	3
18074	C16H31I	5-iodo-2-hexadecene	---	9.12931	2972.1774	159.042	206.57	340.70	3
18075	C16H31I	6-iodo-2-hexadecene	---	9.13475	2974.5904	159.015	206.65	340.67	3
18076	C16H31I	7-iodo-2-hexadecene	---	9.14020	2977.0068	158.987	206.73	340.65	3
18077	C16H31I	8-iodo-2-hexadecene	---	9.14565	2979.4267	158.959	206.81	340.63	3
18078	C16H31I	9-iodo-2-hexadecene	---	9.15112	2981.8501	158.931	206.89	340.60	3
18079	C16H31I	10-iodo-2-hexadecene	---	9.15659	2984.2770	158.903	206.97	340.58	3
18080	C16H31I	11-iodo-2-hexadecene	---	9.16206	2986.7073	158.876	207.05	340.56	3

Table 1 Vapor Pressure – Organic Compounds

log ₁₀ P = A - B/(T + C) (P - mm Hg, T - C)									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
18081	C16H31I	12-iodo-2-hexadecene	---	9.16755	2989.1412	158.848	207.13	340.53	3
18082	C16H31I	13-iodo-2-hexadecene	---	9.17304	2991.5786	158.820	207.21	340.51	3
18083	C16H31I	14-iodo-2-hexadecene	---	9.17855	2994.0194	158.792	207.29	340.49	3
18084	C16H31I	15-iodo-2-hexadecene	---	9.18406	2996.4639	158.764	207.37	340.46	3
18085	C16H31I	16-iodo-2-hexadecene	---	9.18958	2998.9118	158.737	207.45	340.44	3
18086	C16H31N	hexadecanenitrile	629-79-8	7.41306	2246.6647	162.656	187.67	368.32	1,2
18087	C16H32	undecylcyclopentane	6785-23-5	7.87025	2268.8498	173.885	156.36	310.04	2
18088	C16H32	decylcyclohexane	1795-16-0	7.67461	2248.8239	182.262	154.66	318.28	1,2
18089	C16H32	cyclohexadecane	295-65-8	6.80615	1895.3325	182.000	144.44	340.95	3
18090	C16H32	1-hexadecene	629-73-2	7.83649	2324.3349	194.974	145.01	304.38	1,2
18091	C16H32	2-hexadecene	---	8.48727	2519.2279	173.498	162.97	301.34	2
18092	C16H32	3-hexadecene	---	8.03499	2330.3283	176.278	154.97	303.89	2
18093	C16H32	4-hexadecene	---	8.07751	2348.1060	176.000	155.77	303.63	2
18094	C16H32	5-hexadecene	---	8.12059	2366.1177	175.722	156.57	303.37	2
18095	C16H32	6-hexadecene	---	8.16426	2384.3679	175.444	157.37	303.11	2
18096	C16H32	7-hexadecene	---	8.20852	2402.8617	175.166	158.17	302.86	2
18097	C16H32	8-hexadecene	---	8.25339	2421.6040	174.888	158.97	302.60	2
18098	C16H32	2-methyl-1-pentadecene	29833-69-0	7.55612	2154.7841	185.040	143.63	307.56	2
18099	C16H32	3-methyl-1-pentadecene	---	7.95162	2295.4562	176.834	153.37	304.42	2
18100	C16H32	4-methyl-1-pentadecene	---	7.95162	2295.4562	176.834	153.37	304.42	2
18101	C16H32	5-methyl-1-pentadecene	---	7.95162	2295.4562	176.834	153.37	304.42	2
18102	C16H32	6-methyl-1-pentadecene	---	7.95162	2295.4562	176.834	153.37	304.42	2
18103	C16H32	7-methyl-1-pentadecene	---	7.95162	2295.4562	176.834	153.37	304.42	2
18104	C16H32	8-methyl-1-pentadecene	---	7.95162	2295.4562	176.834	153.37	304.42	2
18105	C16H32	9-methyl-1-pentadecene	---	7.95162	2295.4562	176.834	153.37	304.42	2
18106	C16H32	10-methyl-1-pentadecene	---	7.95162	2295.4562	176.834	153.37	304.42	2
18107	C16H32	11-methyl-1-pentadecene	---	7.95162	2295.4562	176.834	153.37	304.42	2
18108	C16H32	12-methyl-1-pentadecene	---	7.95162	2295.4562	176.834	153.37	304.42	2
18109	C16H32	13-methyl-1-pentadecene	---	7.95162	2295.4562	176.834	153.37	304.42	2
18110	C16H32	14-methyl-1-pentadecene	---	7.95162	2295.4562	176.834	153.37	304.42	2
18111	C16H32	3-methyl-2-pentadecene	---	7.95162	2295.4562	176.834	153.37	304.42	2
18112	C16H32	4-methyl-2-pentadecene	---	7.95162	2295.4562	176.834	153.37	304.42	2
18113	C16H32	5-methyl-2-pentadecene	---	7.95162	2295.4562	176.834	153.37	304.42	2
18114	C16H32	6-methyl-2-pentadecene	---	7.95162	2295.4562	176.834	153.37	304.42	2
18115	C16H32	7-methyl-2-pentadecene	---	7.95162	2295.4562	176.834	153.37	304.42	2
18116	C16H32	8-methyl-2-pentadecene	---	7.95162	2295.4562	176.834	153.37	304.42	2
18117	C16H32	9-methyl-2-pentadecene	---	7.95162	2295.4562	176.834	153.37	304.42	2
18118	C16H32	10-methyl-2-pentadecene	---	7.95162	2295.4562	176.834	153.37	304.42	2
18119	C16H32	11-methyl-2-pentadecene	---	7.95162	2295.4562	176.834	153.37	304.42	2
18120	C16H32	12-methyl-2-pentadecene	---	7.95162	2295.4562	176.834	153.37	304.42	2
18121	C16H32	13-methyl-2-pentadecene	---	7.95162	2295.4562	176.834	153.37	304.42	2
18122	C16H32	14-methyl-2-pentadecene	---	7.95162	2295.4562	176.834	153.37	304.42	2
18123	C16H32	4-methyl-3-pentadecene	---	7.95162	2295.4562	176.834	153.37	304.42	2
18124	C16H32	5-methyl-3-pentadecene	---	7.95162	2295.4562	176.834	153.37	304.42	2
18125	C16H32	6-methyl-3-pentadecene	---	7.95162	2295.4562	176.834	153.37	304.42	2
18126	C16H32	7-methyl-3-pentadecene	---	7.95162	2295.4562	176.834	153.37	304.42	2
18127	C16H32	8-methyl-3-pentadecene	---	7.95162	2295.4562	176.834	153.37	304.42	2
18128	C16H32	9-methyl-3-pentadecene	---	7.95162	2295.4562	176.834	153.37	304.42	2
18129	C16H32	10-methyl-3-pentadecene	---	7.95162	2295.4562	176.834	153.37	304.42	2
18130	C16H32	11-methyl-3-pentadecene	---	7.95162	2295.4562	176.834	153.37	304.42	2
18131	C16H32	12-methyl-3-pentadecene	---	7.95162	2295.4562	176.834	153.37	304.42	2
18132	C16H32	13-methyl-3-pentadecene	---	7.95162	2295.4562	176.834	153.37	304.42	2
18133	C16H32	14-methyl-3-pentadecene	---	7.95162	2295.4562	176.834	153.37	304.42	2
18134	C16H32	2,3-dimethyl-1-tetradecene	---	7.67625	2180.1309	178.780	147.77	306.30	2
18135	C16H32	3,3-dimethyl-1-tetradecene	---	7.67625	2180.1309	178.780	147.77	306.30	2
18136	C16H32	3,4-dimethyl-1-tetradecene	---	7.67625	2180.1309	178.780	147.77	306.30	2
18137	C16H32	3,5-dimethyl-1-tetradecene	---	7.67625	2180.1309	178.780	147.77	306.30	2
18138	C16H32	3,6-dimethyl-1-tetradecene	---	7.67625	2180.1309	178.780	147.77	306.30	2
18139	C16H32	3,7-dimethyl-1-tetradecene	---	7.67625	2180.1309	178.780	147.77	306.30	2
18140	C16H32	3,8-dimethyl-1-tetradecene	---	7.67625	2180.1309	178.780	147.77	306.30	2
18141	C16H32	3,9-dimethyl-1-tetradecene	---	7.67625	2180.1309	178.780	147.77	306.30	2
18142	C16H32	3,10-dimethyl-1-tetradecene	---	7.67625	2180.1309	178.780	147.77	306.30	2
18143	C16H32	3,11-dimethyl-1-tetradecene	---	7.67625	2180.1309	178.780	147.77	306.30	2
18144	C16H32	3,12-dimethyl-1-tetradecene	---	7.67625	2180.1309	178.780	147.77	306.30	2
18145	C16H32	3,13-dimethyl-1-tetradecene	---	7.67625	2180.1309	178.780	147.77	306.30	2
18146	C16H32	3,4-dimethyl-2-tetradecene	---	7.67625	2180.1309	178.780	147.77	306.30	2
18147	C16H32	4,4-dimethyl-2-tetradecene	---	7.67625	2180.1309	178.780	147.77	306.30	2
18148	C16H32	4,5-dimethyl-2-tetradecene	---	7.67625	2180.1309	178.780	147.77	306.30	2
18149	C16H32	4,6-dimethyl-2-tetradecene	---	7.67625	2180.1309	178.780	147.77	306.30	2
18150	C16H32	4,7-dimethyl-2-tetradecene	---	7.67625	2180.1309	178.780	147.77	306.30	2
18151	C16H32	4,8-dimethyl-2-tetradecene	---	7.67625	2180.1309	178.780	147.77	306.30	2
18152	C16H32	4,9-dimethyl-2-tetradecene	---	7.67625	2180.1309	178.780	147.77	306.30	2
18153	C16H32	4,10-dimethyl-2-tetradecene	---	7.67625	2180.1309	178.780	147.77	306.30	2
18154	C16H32	4,11-dimethyl-2-tetradecene	---	7.67625	2180.1309	178.780	147.77	306.30	2
18155	C16H32	4,12-dimethyl-2-tetradecene	---	7.67625	2180.1309	178.780	147.77	306.30	2
18156	C16H32	4,13-dimethyl-2-tetradecene	---	7.67625	2180.1309	178.780	147.77	306.30	2
18157	C16H32	2-ethyl-1-tetradecene	---	7.95162	2295.4562	176.834	153.37	304.42	2
18158	C16H32	3-ethyl-1-tetradecene	---	7.95162	2295.4562	176.834	153.37	304.42	2
18159	C16H32	4-ethyl-1-tetradecene	---	7.95162	2295.4562	176.834	153.37	304.42	2
18160	C16H32	5-ethyl-1-tetradecene	---	7.95162	2295.4562	176.834	153.37	304.42	2

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mm Hg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
18161	C16H32	6-ethyl-1-tetradecene	---	7.95162	2295.4562	176.834	153.37	304.42	2
18162	C16H32	7-ethyl-1-tetradecene	---	7.95162	2295.4562	176.834	153.37	304.42	2
18163	C16H32	8-ethyl-1-tetradecene	---	7.95162	2295.4562	176.834	153.37	304.42	2
18164	C16H32	9-ethyl-1-tetradecene	---	7.95162	2295.4562	176.834	153.37	304.42	2
18165	C16H32	10-ethyl-1-tetradecene	---	7.95162	2295.4562	176.834	153.37	304.42	2
18166	C16H32	11-ethyl-1-tetradecene	---	7.95162	2295.4562	176.834	153.37	304.42	2
18167	C16H32	12-ethyl-1-tetradecene	---	7.95162	2295.4562	176.834	153.37	304.42	2
18168	C16H32	13-ethyl-1-tetradecene	---	7.95162	2295.4562	176.834	153.37	304.42	2
18169	C16H32Br2	1,1-dibromohexadecane	62168-33-6	7.91885	2584.3987	153.760	219.77	391.82	3
18170	C16H32Br2	1,2-dibromohexadecane	---	7.95500	2601.5326	153.482	220.57	391.55	3
18171	C16H32Br2	1,3-dibromohexadecane	---	7.99157	2618.8614	153.204	221.37	391.29	3
18172	C16H32Br2	1,4-dibromohexadecane	---	8.02856	2636.3886	152.926	222.17	391.03	3
18173	C16H32Br2	1,5-dibromohexadecane	---	8.06600	2654.1176	152.648	222.97	390.77	3
18174	C16H32Br2	1,6-dibromohexadecane	---	8.10387	2672.0519	152.370	223.77	390.51	3
18175	C16H32Br2	1,7-dibromohexadecane	---	8.14219	2690.1954	152.092	224.57	390.25	3
18176	C16H32Br2	1,8-dibromohexadecane	---	8.18098	2708.5516	151.814	225.37	389.99	3
18177	C16H32Br2	1,9-dibromohexadecane	---	8.22022	2727.1245	151.536	226.17	389.73	3
18178	C16H32Br2	1,10-dibromohexadecane	---	8.25995	2745.9179	151.258	226.97	389.48	3
18179	C16H32Br2	1,11-dibromohexadecane	---	8.30016	2764.9360	150.980	227.77	389.22	3
18180	C16H32Br2	1,12-dibromohexadecane	---	8.34085	2784.1828	150.702	228.57	388.97	3
18181	C16H32Br2	1,13-dibromohexadecane	---	8.38206	2803.6625	150.424	229.37	388.72	3
18182	C16H32Br2	1,14-dibromohexadecane	---	8.42377	2823.3796	150.146	230.17	388.47	3
18183	C16H32Br2	1,15-dibromohexadecane	---	8.46600	2843.3383	149.868	230.97	388.22	3
18184	C16H32Br2	1,16-dibromohexadecane	45223-18-5	8.50876	2863.5434	149.590	231.77	387.97	3
18185	C16H32Br2	2,2-dibromohexadecane	---	7.57891	2423.0819	156.540	211.77	394.53	3
18186	C16H32Br2	2,3-dibromohexadecane	---	7.61124	2438.4383	156.262	212.57	394.25	3
18187	C16H32Br2	2,4-dibromohexadecane	---	7.64392	2453.9594	155.984	213.37	393.98	3
18188	C16H32Br2	2,5-dibromohexadecane	---	7.67696	2469.6480	155.706	214.17	393.70	3
18189	C16H32Br2	2,6-dibromohexadecane	---	7.71036	2485.5068	155.428	214.97	393.43	3
18190	C16H32Br2	2,7-dibromohexadecane	---	7.74414	2501.5387	155.150	215.77	393.16	3
18191	C16H32Br2	2,8-dibromohexadecane	---	7.77830	2517.7466	154.872	216.57	392.89	3
18192	C16H32Br2	2,9-dibromohexadecane	---	7.81284	2534.1335	154.594	217.37	392.62	3
18193	C16H32Br2	2,10-dibromohexadecane	---	7.84777	2550.7023	154.316	218.17	392.35	3
18194	C16H32Br2	2,11-dibromohexadecane	---	7.88311	2567.4564	154.038	218.97	392.08	3
18195	C16H32Br2	2,12-dibromohexadecane	---	7.91885	2584.3987	153.760	219.77	391.82	3
18196	C16H32Br2	2,13-dibromohexadecane	---	7.95500	2601.5326	153.482	220.57	391.55	3
18197	C16H32Br2	2,14-dibromohexadecane	---	7.99157	2618.8614	153.204	221.37	391.29	3
18198	C16H32Br2	2,15-dibromohexadecane	---	8.02856	2636.3886	152.926	222.17	391.03	3
18199	C16H32Cl2	1,1-dichlorohexadecane	62017-19-0	6.84589	2109.0943	163.212	197.57	412.41	3
18200	C16H32Cl2	1,2-dichlorohexadecane	---	6.70288	2031.9594	162.934	193.37	414.16	3
18201	C16H32Cl2	1,3-dichlorohexadecane	---	6.72602	2043.1947	162.656	194.17	413.84	3
18202	C16H32Cl2	1,4-dichlorohexadecane	---	6.74938	2054.5303	162.378	194.97	413.52	3
18203	C16H32Cl2	1,5-dichlorohexadecane	---	6.77295	2065.9676	162.100	195.77	413.20	3
18204	C16H32Cl2	1,6-dichlorohexadecane	---	6.79674	2077.5081	161.822	196.57	412.88	3
18205	C16H32Cl2	1,7-dichlorohexadecane	---	6.82076	2089.1531	161.544	197.37	412.57	3
18206	C16H32Cl2	1,8-dichlorohexadecane	---	6.84500	2100.9042	161.266	198.17	412.26	3
18207	C16H32Cl2	1,9-dichlorohexadecane	---	6.86947	2112.7629	160.988	198.97	411.95	3
18208	C16H32Cl2	1,10-dichlorohexadecane	---	6.89417	2124.7306	160.710	199.77	411.64	3
18209	C16H32Cl2	1,11-dichlorohexadecane	---	6.91910	2136.8090	160.432	200.57	411.33	3
18210	C16H32Cl2	1,12-dichlorohexadecane	---	6.94427	2148.9996	160.154	201.37	411.02	3
18211	C16H32Cl2	1,13-dichlorohexadecane	---	6.96969	2161.3041	159.876	202.17	410.71	3
18212	C16H32Cl2	1,14-dichlorohexadecane	---	6.99535	2173.7240	159.598	202.97	410.41	3
18213	C16H32Cl2	1,15-dichlorohexadecane	---	7.02126	2186.2611	159.320	203.77	410.11	3
18214	C16H32Cl2	1,16-dichlorohexadecane	---	7.04742	2198.9171	159.042	204.57	409.80	3
18215	C16H32Cl2	2,2-dichlorohexadecane	---	6.46157	1914.6190	165.992	184.57	417.78	3
18216	C16H32Cl2	2,3-dichlorohexadecane	---	6.48255	1924.8358	165.714	185.37	417.45	3
18217	C16H32Cl2	2,4-dichlorohexadecane	---	6.50371	1935.1390	165.436	186.17	417.11	3
18218	C16H32Cl2	2,5-dichlorohexadecane	---	6.52506	1945.5300	165.158	186.97	416.78	3
18219	C16H32Cl2	2,6-dichlorohexadecane	---	6.54660	1956.0099	164.880	187.77	416.44	3
18220	C16H32Cl2	2,7-dichlorohexadecane	---	6.56833	1966.5798	164.602	188.57	416.11	3
18221	C16H32Cl2	2,8-dichlorohexadecane	---	6.59025	1977.2410	164.324	189.37	415.78	3
18222	C16H32Cl2	2,9-dichlorohexadecane	---	6.61237	1987.9946	164.046	190.17	415.45	3
18223	C16H32Cl2	2,10-dichlorohexadecane	---	6.63469	1998.8420	163.768	190.97	415.13	3
18224	C16H32Cl2	2,11-dichlorohexadecane	---	6.65722	2009.7844	163.490	191.77	414.80	3
18225	C16H32Cl2	2,12-dichlorohexadecane	---	6.67994	2020.8231	163.212	192.57	414.48	3
18226	C16H32Cl2	2,13-dichlorohexadecane	---	6.70288	2031.9594	162.934	193.37	414.16	3
18227	C16H32Cl2	2,14-dichlorohexadecane	---	6.72602	2043.1947	162.656	194.17	413.84	3
18228	C16H32Cl2	2,15-dichlorohexadecane	---	6.74938	2054.5303	162.378	194.97	413.52	3
18229	C16H32F2	1,1-difluorohexadecane	62127-05-3	6.33749	1775.2189	178.224	154.37	384.33	3
18230	C16H32F2	1,2-difluorohexadecane	---	6.35829	1784.9332	177.946	155.17	383.98	3
18231	C16H32F2	1,3-difluorohexadecane	---	6.37927	1794.7312	177.668	155.97	383.64	3
18232	C16H32F2	1,4-difluorohexadecane	---	6.40044	1804.6138	177.390	156.77	383.29	3
18233	C16H32F2	1,5-difluorohexadecane	---	6.42181	1814.5823	177.112	157.57	382.95	3
18234	C16H32F2	1,6-difluorohexadecane	---	6.44336	1824.6379	176.834	158.37	382.61	3
18235	C16H32F2	1,7-difluorohexadecane	---	6.46511	1834.7817	176.556	159.17	382.27	3
18236	C16H32F2	1,8-difluorohexadecane	---	6.48706	1845.0150	176.278	159.97	381.93	3
18237	C16H32F2	1,9-difluorohexadecane	---	6.50921	1855.3389	176.000	160.77	381.60	3
18238	C16H32F2	1,10-difluorohexadecane	---	6.53157	1865.7547	175.722	161.57	381.27	3
18239	C16H32F2	1,11-difluorohexadecane	---	6.55413	1876.2637	175.444	162.37	380.93	3
18240	C16H32F2	1,12-difluorohexadecane	---	6.57690	1886.8672	175.166	163.17	380.60	3

Table 1 Vapor Pressure – Organic Compounds

log ₁₀ P = A - B/(T + C) (P - mm Hg, T - C)									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
18241	C16H32F2	1,13-difluorohexadecane	---	6.59988	1897.5665	174.888	163.97	380.27	3
18242	C16H32F2	1,14-difluorohexadecane	---	6.62308	1908.3630	174.610	164.77	379.95	3
18243	C16H32F2	1,15-difluorohexadecane	---	6.64650	1919.2580	174.332	165.57	379.62	3
18244	C16H32F2	1,16-difluorohexadecane	---	6.67014	1930.2530	174.054	166.37	379.30	3
18245	C16H32F2	2,2-difluorohexadecane	---	6.13920	1682.4408	181.004	146.37	387.90	3
18246	C16H32F2	2,3-difluorohexadecane	---	6.15827	1691.3767	180.726	147.17	387.53	3
18247	C16H32F2	2,4-difluorohexadecane	---	6.17750	1700.3859	180.448	147.97	387.17	3
18248	C16H32F2	2,5-difluorohexadecane	---	6.19690	1709.4695	180.170	148.77	386.81	3
18249	C16H32F2	2,6-difluorohexadecane	---	6.21646	1718.6284	179.892	149.57	386.45	3
18250	C16H32F2	2,7-difluorohexadecane	---	6.23620	1727.8636	179.614	150.37	386.09	3
18251	C16H32F2	2,8-difluorohexadecane	---	6.25611	1737.1760	179.336	151.17	385.73	3
18252	C16H32F2	2,9-difluorohexadecane	---	6.27619	1746.5667	179.058	151.97	385.38	3
18253	C16H32F2	2,10-difluorohexadecane	---	6.29644	1756.0367	178.780	152.77	385.03	3
18254	C16H32F2	2,11-difluorohexadecane	---	6.31688	1765.5871	178.502	153.57	384.68	3
18255	C16H32F2	2,12-difluorohexadecane	---	6.33749	1775.2189	178.224	154.37	384.33	3
18256	C16H32F2	2,13-difluorohexadecane	---	6.35829	1784.9332	177.946	155.17	383.98	3
18257	C16H32F2	2,14-difluorohexadecane	---	6.37927	1794.7312	177.668	155.97	383.64	3
18258	C16H32F2	2,15-difluorohexadecane	---	6.40044	1804.6138	177.390	156.77	383.29	3
18259	C16H32I2	1,1-diiodohexadecane	66271-75-8	9.17626	3417.6244	132.744	285.25	437.39	3
18260	C16H32I2	1,2-diiodohexadecane	---	9.22476	3442.1915	132.466	286.05	437.16	3
18261	C16H32I2	1,3-diiodohexadecane	---	9.27390	3467.0730	132.188	286.85	436.93	3
18262	C16H32I2	1,4-diiodohexadecane	---	9.32367	3492.2751	131.910	287.65	436.70	3
18263	C16H32I2	1,5-diiodohexadecane	---	9.37410	3517.8041	131.632	288.45	436.47	3
18264	C16H32I2	1,6-diiodohexadecane	---	9.42520	3543.6665	131.354	289.25	436.24	3
18265	C16H32I2	1,7-diiodohexadecane	---	9.47697	3569.8690	131.076	290.05	436.01	3
18266	C16H32I2	1,8-diiodohexadecane	---	9.52944	3596.4184	130.798	290.85	435.78	3
18267	C16H32I2	1,9-diiodohexadecane	---	9.58262	3623.3217	130.520	291.65	435.56	3
18268	C16H32I2	1,10-diiodohexadecane	---	9.63653	3650.5861	130.242	292.45	435.33	3
18269	C16H32I2	1,11-diiodohexadecane	---	9.69117	3678.2191	129.964	293.25	435.11	3
18270	C16H32I2	1,12-diiodohexadecane	---	9.74656	3706.2283	129.686	294.05	434.88	3
18271	C16H32I2	1,13-diiodohexadecane	---	9.80272	3734.6215	129.408	294.85	434.66	3
18272	C16H32I2	1,14-diiodohexadecane	---	9.85967	3763.4068	129.130	295.65	434.44	3
18273	C16H32I2	1,15-diiodohexadecane	---	9.91742	3792.5924	128.852	296.45	434.22	3
18274	C16H32I2	1,16-diiodohexadecane	---	9.97599	3822.1869	128.574	297.25	434.00	3
18275	C16H32I2	2,2-diiodohexadecane	---	8.72336	3187.9972	135.524	277.25	439.77	3
18276	C16H32I2	2,3-diiodohexadecane	---	8.76618	3209.7267	135.246	278.05	439.53	3
18277	C16H32I2	2,4-diiodohexadecane	---	8.80952	3231.7170	134.968	278.85	439.29	3
18278	C16H32I2	2,5-diiodohexadecane	---	8.85340	3253.9727	134.690	279.65	439.05	3
18279	C16H32I2	2,6-diiodohexadecane	---	8.89781	3276.4988	134.412	280.45	438.81	3
18280	C16H32I2	2,7-diiodohexadecane	---	8.94278	3299.3003	134.134	281.25	438.57	3
18281	C16H32I2	2,8-diiodohexadecane	---	8.98831	3322.3824	133.856	282.05	438.33	3
18282	C16H32I2	2,9-diiodohexadecane	---	9.03441	3345.7503	133.578	282.85	438.09	3
18283	C16H32I2	2,10-diiodohexadecane	---	9.08110	3369.4096	133.300	283.65	437.86	3
18284	C16H32I2	2,11-diiodohexadecane	---	9.12838	3393.3657	133.022	284.45	437.62	3
18285	C16H32I2	2,12-diiodohexadecane	---	9.17626	3417.6244	132.744	285.25	437.39	3
18286	C16H32I2	2,13-diiodohexadecane	---	9.22476	3442.1915	132.466	286.05	437.16	3
18287	C16H32I2	2,14-diiodohexadecane	---	9.27390	3467.0730	132.188	286.85	436.93	3
18288	C16H32I2	2,15-diiodohexadecane	---	9.32367	3492.2751	131.910	287.65	436.70	3
18289	C16H32O	hexadecanal	629-80-1	7.39094	2213.0298	169.606	176.67	356.17	1,2
18290	C16H32O	2-methylpentadecanal	---	7.50548	2237.2146	170.607	173.29	346.83	2
18291	C16H32O	3-methylpentadecanal	---	7.50548	2237.2146	170.607	173.29	346.83	2
18292	C16H32O	4-methylpentadecanal	---	7.50548	2237.2146	170.607	173.29	346.83	2
18293	C16H32O	5-methylpentadecanal	---	7.50548	2237.2146	170.607	173.29	346.83	2
18294	C16H32O	6-methylpentadecanal	---	7.50548	2237.2146	170.607	173.29	346.83	2
18295	C16H32O	7-methylpentadecanal	---	7.50548	2237.2146	170.607	173.29	346.83	2
18296	C16H32O	8-methylpentadecanal	---	7.50548	2237.2146	170.607	173.29	346.83	2
18297	C16H32O	9-methylpentadecanal	---	7.50548	2237.2146	170.607	173.29	346.83	2
18298	C16H32O	10-methylpentadecanal	---	7.50548	2237.2146	170.607	173.29	346.83	2
18299	C16H32O	11-methylpentadecanal	---	7.50548	2237.2146	170.607	173.29	346.83	2
18300	C16H32O	12-methylpentadecanal	---	7.50548	2237.2146	170.607	173.29	346.83	2
18301	C16H32O	13-methylpentadecanal	---	7.50548	2237.2146	170.607	173.29	346.83	2
18302	C16H32O	14-methylpentadecanal	62028-96-0	7.50548	2237.2146	170.607	173.29	346.83	2
18303	C16H32O	2,2-dimethyltetradecanal	---	7.42623	2201.9111	171.274	171.37	347.51	2
18304	C16H32O	2,3-dimethyltetradecanal	---	7.42623	2201.9111	171.274	171.37	347.51	2
18305	C16H32O	2,4-dimethyltetradecanal	---	7.42623	2201.9111	171.274	171.37	347.51	2
18306	C16H32O	2,5-dimethyltetradecanal	---	7.42623	2201.9111	171.274	171.37	347.51	2
18307	C16H32O	2,6-dimethyltetradecanal	---	7.42623	2201.9111	171.274	171.37	347.51	2
18308	C16H32O	2,7-dimethyltetradecanal	---	7.42623	2201.9111	171.274	171.37	347.51	2
18309	C16H32O	2,8-dimethyltetradecanal	---	7.42623	2201.9111	171.274	171.37	347.51	2
18310	C16H32O	2,9-dimethyltetradecanal	---	7.42623	2201.9111	171.274	171.37	347.51	2
18311	C16H32O	2,10-dimethyltetradecanal	---	7.42623	2201.9111	171.274	171.37	347.51	2
18312	C16H32O	2,11-dimethyltetradecanal	---	7.42623	2201.9111	171.274	171.37	347.51	2
18313	C16H32O	2,12-dimethyltetradecanal	---	7.42623	2201.9111	171.274	171.37	347.51	2
18314	C16H32O	2,13-dimethyltetradecanal	---	7.42623	2201.9111	171.274	171.37	347.51	2
18315	C16H32O	2-hexadecanone	18787-63-8	7.44803	2187.0969	170.718	168.47	341.94	2
18316	C16H32O	3-hexadecanone	18787-64-9	7.33406	2137.7198	171.886	165.61	342.95	2
18317	C16H32O	4-hexadecanone	---	7.33406	2137.7198	171.886	165.61	342.95	2
18318	C16H32O	5-hexadecanone	---	7.33406	2137.7198	171.886	165.61	342.95	2
18319	C16H32O	6-hexadecanone	---	7.33406	2137.7198	171.886	165.61	342.95	2
18320	C16H32O	7-hexadecanone	---	7.33406	2137.7198	171.886	165.61	342.95	2

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mm Hg}, T - C)$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
18321	C16H32O	8-hexadecanone	---	7.33406	2137.7198	171.886	165.61	342.95	2
18322	C16H32O	3-methyl-2-pentadecanone	---	7.26167	2105.7698	172.525	163.77	343.62	2
18323	C16H32O	4-methyl-2-pentadecanone	---	7.26167	2105.7698	172.525	163.77	343.62	2
18324	C16H32O	5-methyl-2-pentadecanone	---	7.26167	2105.7698	172.525	163.77	343.62	2
18325	C16H32O	6-methyl-2-pentadecanone	---	7.26167	2105.7698	172.525	163.77	343.62	2
18326	C16H32O	7-methyl-2-pentadecanone	---	7.26167	2105.7698	172.525	163.77	343.62	2
18327	C16H32O	8-methyl-2-pentadecanone	---	7.26167	2105.7698	172.525	163.77	343.62	2
18328	C16H32O	9-methyl-2-pentadecanone	---	7.26167	2105.7698	172.525	163.77	343.62	2
18329	C16H32O	10-methyl-2-pentadecanone	---	7.26167	2105.7698	172.525	163.77	343.62	2
18330	C16H32O	2-methyl-3-pentadecanone	---	7.26167	2105.7698	172.525	163.77	343.62	2
18331	C16H32O	4-methyl-3-pentadecanone	---	7.26167	2105.7698	172.525	163.77	343.62	2
18332	C16H32O	5-methyl-3-pentadecanone	---	7.26167	2105.7698	172.525	163.77	343.62	2
18333	C16H32O	6-methyl-3-pentadecanone	---	7.26167	2105.7698	172.525	163.77	343.62	2
18334	C16H32O	7-methyl-3-pentadecanone	---	7.26167	2105.7698	172.525	163.77	343.62	2
18335	C16H32O	8-methyl-3-pentadecanone	---	7.26167	2105.7698	172.525	163.77	343.62	2
18336	C16H32O	9-methyl-3-pentadecanone	---	7.26167	2105.7698	172.525	163.77	343.62	2
18337	C16H32O	10-methyl-3-pentadecanone	---	7.26167	2105.7698	172.525	163.77	343.62	2
18338	C16H32O	2-methyl-4-pentadecanone	---	7.26167	2105.7698	172.525	163.77	343.62	2
18339	C16H32O	3-methyl-4-pentadecanone	---	7.26167	2105.7698	172.525	163.77	343.62	2
18340	C16H32O	5-methyl-4-pentadecanone	---	7.26167	2105.7698	172.525	163.77	343.62	2
18341	C16H32O	6-methyl-4-pentadecanone	---	7.26167	2105.7698	172.525	163.77	343.62	2
18342	C16H32O	7-methyl-4-pentadecanone	---	7.26167	2105.7698	172.525	163.77	343.62	2
18343	C16H32O	8-methyl-4-pentadecanone	---	7.26167	2105.7698	172.525	163.77	343.62	2
18344	C16H32O	9-methyl-4-pentadecanone	---	7.26167	2105.7698	172.525	163.77	343.62	2
18345	C16H32O	10-methyl-4-pentadecanone	---	7.26167	2105.7698	172.525	163.77	343.62	2
18346	C16H32O	2-methyl-5-pentadecanone	---	7.26167	2105.7698	172.525	163.77	343.62	2
18347	C16H32O	3-methyl-5-pentadecanone	---	7.26167	2105.7698	172.525	163.77	343.62	2
18348	C16H32O	4-methyl-5-pentadecanone	---	7.26167	2105.7698	172.525	163.77	343.62	2
18349	C16H32O	6-methyl-5-pentadecanone	---	7.26167	2105.7698	172.525	163.77	343.62	2
18350	C16H32O	7-methyl-5-pentadecanone	---	7.26167	2105.7698	172.525	163.77	343.62	2
18351	C16H32O	8-methyl-5-pentadecanone	---	7.26167	2105.7698	172.525	163.77	343.62	2
18352	C16H32O	9-methyl-5-pentadecanone	---	7.26167	2105.7698	172.525	163.77	343.62	2
18353	C16H32O	10-methyl-5-pentadecanone	---	7.26167	2105.7698	172.525	163.77	343.62	2
18354	C16H32O	2-hexadecen-1-ol	---	7.05969	2148.5368	165.992	188.57	388.06	3
18355	C16H32O2	hexadecanoic acid	57-10-3	8.17180	2631.4566	158.347	208.57	369.00	1,2
18356	C16H32O2	2-methylpentadecanoic acid	25354-92-1	7.95192	2556.2247	157.930	209.77	377.96	2
18357	C16H32O2	3-methylpentadecanoic acid	---	7.95192	2556.2247	157.930	209.77	377.96	2
18358	C16H32O2	4-methylpentadecanoic acid	---	7.95192	2556.2247	157.930	209.77	377.96	2
18359	C16H32O2	5-methylpentadecanoic acid	---	7.95192	2556.2247	157.930	209.77	377.96	2
18360	C16H32O2	6-methylpentadecanoic acid	---	7.95192	2556.2247	157.930	209.77	377.96	2
18361	C16H32O2	7-methylpentadecanoic acid	---	7.95192	2556.2247	157.930	209.77	377.96	2
18362	C16H32O2	8-methylpentadecanoic acid	---	7.95192	2556.2247	157.930	209.77	377.96	2
18363	C16H32O2	9-methylpentadecanoic acid	---	7.95192	2556.2247	157.930	209.77	377.96	2
18364	C16H32O2	10-methylpentadecanoic acid	---	7.95192	2556.2247	157.930	209.77	377.96	2
18365	C16H32O2	11-methylpentadecanoic acid	---	7.95192	2556.2247	157.930	209.77	377.96	2
18366	C16H32O2	12-methylpentadecanoic acid	---	7.95192	2556.2247	157.930	209.77	377.96	2
18367	C16H32O2	13-methylpentadecanoic acid	20121-96-4	7.95192	2556.2247	157.930	209.77	377.96	2
18368	C16H32O2	14-methylpentadecanoic acid	31844-67-0	7.95192	2556.2247	157.930	209.77	377.96	2
18369	C16H32O2	2,2-dimethyltetradecanoic acid	---	7.66960	2424.5607	160.154	203.37	380.11	2
18370	C16H32O2	2,3-dimethyltetradecanoic acid	---	7.66960	2424.5607	160.154	203.37	380.11	2
18371	C16H32O2	2,4-dimethyltetradecanoic acid	---	7.66960	2424.5607	160.154	203.37	380.11	2
18372	C16H32O2	2,5-dimethyltetradecanoic acid	---	7.66960	2424.5607	160.154	203.37	380.11	2
18373	C16H32O2	2,6-dimethyltetradecanoic acid	---	7.66960	2424.5607	160.154	203.37	380.11	2
18374	C16H32O2	2,7-dimethyltetradecanoic acid	---	7.66960	2424.5607	160.154	203.37	380.11	2
18375	C16H32O2	2,8-dimethyltetradecanoic acid	---	7.66960	2424.5607	160.154	203.37	380.11	2
18376	C16H32O2	2,9-dimethyltetradecanoic acid	---	7.66960	2424.5607	160.154	203.37	380.11	2
18377	C16H32O2	2,10-dimethyltetradecanoic acid	---	7.66960	2424.5607	160.154	203.37	380.11	2
18378	C16H32O2	2,11-dimethyltetradecanoic acid	---	7.66960	2424.5607	160.154	203.37	380.11	2
18379	C16H32O2	2,12-dimethyltetradecanoic acid	---	7.66960	2424.5607	160.154	203.37	380.11	2
18380	C16H32O2	2,13-dimethyltetradecanoic acid	---	7.66960	2424.5607	160.154	203.37	380.11	2
18381	C16H32O2	2-ethyltetradecanoic acid	25354-93-2	7.66960	2424.5607	160.154	203.37	380.11	2
18382	C16H32O2	3-ethyltetradecanoic acid	---	7.66960	2424.5607	160.154	203.37	380.11	2
18383	C16H32O2	4-ethyltetradecanoic acid	---	7.66960	2424.5607	160.154	203.37	380.11	2
18384	C16H32O2	5-ethyltetradecanoic acid	---	7.66960	2424.5607	160.154	203.37	380.11	2
18385	C16H32O2	6-ethyltetradecanoic acid	---	7.66960	2424.5607	160.154	203.37	380.11	2
18386	C16H32O2	7-ethyltetradecanoic acid	---	7.66960	2424.5607	160.154	203.37	380.11	2
18387	C16H32O2	8-ethyltetradecanoic acid	---	7.66960	2424.5607	160.154	203.37	380.11	2
18388	C16H32O2	9-ethyltetradecanoic acid	---	7.66960	2424.5607	160.154	203.37	380.11	2
18389	C16H32O2	10-ethyltetradecanoic acid	---	7.66960	2424.5607	160.154	203.37	380.11	2
18390	C16H32O2	11-ethyltetradecanoic acid	---	7.66960	2424.5607	160.154	203.37	380.11	2
18391	C16H32O2	12-ethyltetradecanoic acid	---	7.66960	2424.5607	160.154	203.37	380.11	2
18392	C16H32O2	2-hexyldecanoic acid	25354-97-6	7.80752	2488.9147	159.042	206.57	379.02	2
18393	C16H32O2	pentadecyl formate	66271-76-9	10.36551	3424.9703	157.930	207.77	318.84	2
18394	C16H32O2	tetradecyl acetate	638-59-5	9.60416	3097.1391	160.988	198.97	321.26	2
18395	C16H32O2	tridecyl propanoate	66271-77-0	8.84812	2766.2841	163.907	188.57	324.29	2
18396	C16H32O2	dodecyl butanoate	3724-61-6	8.38746	2567.2776	166.548	180.97	326.63	2
18397	C16H32O2	dodecyl isobutanoate	6624-71-1	7.48369	2175.3576	172.942	162.57	332.74	2
18398	C16H32O2	undecyl pentanoate	---	8.36935	2559.4469	166.660	180.65	326.73	2
18399	C16H32O2	undecyl isopentanoate	---	7.94637	2376.2793	169.440	172.65	329.30	2
18400	C16H32O2	undecyl sec-pentanoate	---	7.94637	2376.2793	169.440	172.65	329.30	2

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mm Hg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
18401	C16H32O2	undecyl tert-pentanoate	---	7.57351	2214.4136	172.220	164.65	332.01	2
18402	C16H32O2	octyl octanoate	2306-88-9	7.46089	2187.5518	170.774	167.81	340.45	1,2
18403	C16H32O2	2-ethylhexyl 2-ethylhexanoate	7425-14-1	7.35071	2117.4815	174.054	159.37	333.87	2
18404	C16H32O2	heptyl nonanoate	71605-85-1	7.35071	2117.4815	174.054	159.37	333.87	2
18405	C16H32O2	n-butyl laurate	106-18-3	7.35071	2117.4815	174.054	159.37	333.87	2
18406	C16H32O2	ethyl myristate	124-06-1	7.45521	2145.8678	174.054	158.37	328.10	1,2
18407	C16H32O2	methyl pentadecanoate	7132-64-1	7.30577	2096.1896	174.054	158.37	334.25	2
18408	C16H32S	thiacycloheptadecane	296-00-4	5.89690	1616.7248	176.300	153.85	419.17	3
18409	C16H33Br	1-bromohexadecane	112-82-3	7.61103	2358.9910	162.656	194.17	369.94	1,2
18410	C16H33Br	2-bromohexadecane	---	7.33090	2225.9844	165.436	186.17	371.07	2
18411	C16H33Br	3-bromohexadecane	---	7.33090	2225.9844	165.436	186.17	371.07	2
18412	C16H33Br	4-bromohexadecane	---	7.33090	2225.9844	165.436	186.17	371.07	2
18413	C16H33Br	5-bromohexadecane	---	7.33090	2225.9844	165.436	186.17	371.07	2
18414	C16H33Br	6-bromohexadecane	---	7.33090	2225.9844	165.436	186.17	371.07	2
18415	C16H33Br	7-bromohexadecane	---	7.33090	2225.9844	165.436	186.17	371.07	2
18416	C16H33Br	8-bromohexadecane	---	7.33090	2225.9844	165.436	186.17	371.07	2
18417	C16H33Br	1-bromo-2-methylpentadecane	---	7.33090	2225.9844	165.436	186.17	371.07	2
18418	C16H33Br	1-bromo-3-methylpentadecane	---	7.33090	2225.9844	165.436	186.17	371.07	2
18419	C16H33Br	1-bromo-4-methylpentadecane	---	7.33090	2225.9844	165.436	186.17	371.07	2
18420	C16H33Br	1-bromo-5-methylpentadecane	---	7.33090	2225.9844	165.436	186.17	371.07	2
18421	C16H33Br	1-bromo-6-methylpentadecane	---	7.33090	2225.9844	165.436	186.17	371.07	2
18422	C16H33Br	1-bromo-7-methylpentadecane	---	7.33090	2225.9844	165.436	186.17	371.07	2
18423	C16H33Br	1-bromo-8-methylpentadecane	---	7.33090	2225.9844	165.436	186.17	371.07	2
18424	C16H33Br	1-bromo-9-methylpentadecane	---	7.33090	2225.9844	165.436	186.17	371.07	2
18425	C16H33Br	1-bromo-10-methylpentadecane	---	7.33090	2225.9844	165.436	186.17	371.07	2
18426	C16H33Br	1-bromo-11-methylpentadecane	---	7.33090	2225.9844	165.436	186.17	371.07	2
18427	C16H33Br	1-bromo-12-methylpentadecane	---	7.33090	2225.9844	165.436	186.17	371.07	2
18428	C16H33Br	1-bromo-13-methylpentadecane	---	7.33090	2225.9844	165.436	186.17	371.07	2
18429	C16H33Br	1-bromo-14-methylpentadecane	---	7.33090	2225.9844	165.436	186.17	371.07	2
18430	C16H33Br	2-bromo-2-methylpentadecane	---	7.04088	2092.4783	168.216	178.17	374.01	2
18431	C16H33Br	2-bromo-3-methylpentadecane	---	7.04088	2092.4783	168.216	178.17	374.01	2
18432	C16H33Br	2-bromo-4-methylpentadecane	---	7.04088	2092.4783	168.216	178.17	374.01	2
18433	C16H33Br	2-bromo-5-methylpentadecane	---	7.04088	2092.4783	168.216	178.17	374.01	2
18434	C16H33Br	2-bromo-6-methylpentadecane	---	7.04088	2092.4783	168.216	178.17	374.01	2
18435	C16H33Br	2-bromo-7-methylpentadecane	---	7.04088	2092.4783	168.216	178.17	374.01	2
18436	C16H33Br	2-bromo-8-methylpentadecane	---	7.04088	2092.4783	168.216	178.17	374.01	2
18437	C16H33Br	2-bromo-9-methylpentadecane	---	7.04088	2092.4783	168.216	178.17	374.01	2
18438	C16H33Br	2-bromo-10-methylpentadecane	---	7.04088	2092.4783	168.216	178.17	374.01	2
18439	C16H33Br	2-bromo-11-methylpentadecane	---	7.04088	2092.4783	168.216	178.17	374.01	2
18440	C16H33Br	2-bromo-12-methylpentadecane	---	7.04088	2092.4783	168.216	178.17	374.01	2
18441	C16H33Br	2-bromo-13-methylpentadecane	---	7.04088	2092.4783	168.216	178.17	374.01	2
18442	C16H33Br	2-bromo-14-methylpentadecane	---	7.04088	2092.4783	168.216	178.17	374.01	2
18443	C16H33Br	3-bromo-2-methylpentadecane	---	7.04088	2092.4783	168.216	178.17	374.01	2
18444	C16H33Br	3-bromo-3-methylpentadecane	---	7.04088	2092.4783	168.216	178.17	374.01	2
18445	C16H33Br	3-bromo-4-methylpentadecane	---	7.04088	2092.4783	168.216	178.17	374.01	2
18446	C16H33Br	3-bromo-5-methylpentadecane	---	7.04088	2092.4783	168.216	178.17	374.01	2
18447	C16H33Br	3-bromo-6-methylpentadecane	---	7.04088	2092.4783	168.216	178.17	374.01	2
18448	C16H33Br	3-bromo-7-methylpentadecane	---	7.04088	2092.4783	168.216	178.17	374.01	2
18449	C16H33Br	3-bromo-8-methylpentadecane	---	7.04088	2092.4783	168.216	178.17	374.01	2
18450	C16H33Br	3-bromo-9-methylpentadecane	---	7.04088	2092.4783	168.216	178.17	374.01	2
18451	C16H33Br	3-bromo-10-methylpentadecane	---	7.04088	2092.4783	168.216	178.17	374.01	2
18452	C16H33Br	3-bromo-11-methylpentadecane	---	7.04088	2092.4783	168.216	178.17	374.01	2
18453	C16H33Br	3-bromo-12-methylpentadecane	---	7.04088	2092.4783	168.216	178.17	374.01	2
18454	C16H33Br	3-bromo-13-methylpentadecane	---	7.04088	2092.4783	168.216	178.17	374.01	2
18455	C16H33Br	3-bromo-14-methylpentadecane	---	7.04088	2092.4783	168.216	178.17	374.01	2
18456	C16H33Cl	1-chlorohexadecane	4860-03-1	7.82146	2407.4261	165.270	187.65	353.62	1,2
18457	C16H33Cl	2-chlorohexadecane	---	6.83721	2023.7566	168.050	178.65	385.59	2
18458	C16H33Cl	3-chlorohexadecane	---	6.83721	2023.7566	168.050	178.65	385.59	2
18459	C16H33Cl	4-chlorohexadecane	---	6.83721	2023.7566	168.050	178.65	385.59	2
18460	C16H33Cl	5-chlorohexadecane	---	6.83721	2023.7566	168.050	178.65	385.59	2
18461	C16H33Cl	6-chlorohexadecane	---	6.83721	2023.7566	168.050	178.65	385.59	2
18462	C16H33Cl	7-chlorohexadecane	---	6.83721	2023.7566	168.050	178.65	385.59	2
18463	C16H33Cl	8-chlorohexadecane	---	6.83721	2023.7566	168.050	178.65	385.59	2
18464	C16H33Cl	1-chloro-2-methylpentadecane	---	6.83721	2023.7566	168.050	178.65	385.59	2
18465	C16H33Cl	1-chloro-3-methylpentadecane	---	6.83721	2023.7566	168.050	178.65	385.59	2
18466	C16H33Cl	1-chloro-4-methylpentadecane	---	6.83721	2023.7566	168.050	178.65	385.59	2
18467	C16H33Cl	1-chloro-5-methylpentadecane	---	6.83721	2023.7566	168.050	178.65	385.59	2
18468	C16H33Cl	1-chloro-6-methylpentadecane	---	6.83721	2023.7566	168.050	178.65	385.59	2
18469	C16H33Cl	1-chloro-7-methylpentadecane	---	6.83721	2023.7566	168.050	178.65	385.59	2
18470	C16H33Cl	1-chloro-8-methylpentadecane	---	6.83721	2023.7566	168.050	178.65	385.59	2
18471	C16H33Cl	1-chloro-9-methylpentadecane	---	6.83721	2023.7566	168.050	178.65	385.59	2
18472	C16H33Cl	1-chloro-10-methylpentadecane	---	6.83721	2023.7566	168.050	178.65	385.59	2
18473	C16H33Cl	1-chloro-11-methylpentadecane	---	6.83721	2023.7566	168.050	178.65	385.59	2
18474	C16H33Cl	1-chloro-12-methylpentadecane	---	6.83721	2023.7566	168.050	178.65	385.59	2
18475	C16H33Cl	1-chloro-13-methylpentadecane	---	6.83721	2023.7566	168.050	178.65	385.59	2
18476	C16H33Cl	1-chloro-14-methylpentadecane	---	6.83721	2023.7566	168.050	178.65	385.59	2
18477	C16H33Cl	2-chloro-2-methylpentadecane	---	6.59725	1911.3448	170.830	170.65	388.80	2
18478	C16H33Cl	2-chloro-3-methylpentadecane	---	6.59725	1911.3448	170.830	170.65	388.80	2
18479	C16H33Cl	2-chloro-4-methylpentadecane	---	6.59725	1911.3448	170.830	170.65	388.80	2
18480	C16H33Cl	2-chloro-5-methylpentadecane	---	6.59725	1911.3448	170.830	170.65	388.80	2

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mm Hg}, T - C)$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
18481	C16H33Cl	2-chloro-6-methylpentadecane	---	6.59725	1911.3448	170.830	170.65	388.80	2
18482	C16H33Cl	2-chloro-7-methylpentadecane	---	6.59725	1911.3448	170.830	170.65	388.80	2
18483	C16H33Cl	2-chloro-8-methylpentadecane	---	6.59725	1911.3448	170.830	170.65	388.80	2
18484	C16H33Cl	2-chloro-9-methylpentadecane	---	6.59725	1911.3448	170.830	170.65	388.80	2
18485	C16H33Cl	2-chloro-10-methylpentadecane	---	6.59725	1911.3448	170.830	170.65	388.80	2
18486	C16H33Cl	2-chloro-11-methylpentadecane	---	6.59725	1911.3448	170.830	170.65	388.80	2
18487	C16H33Cl	2-chloro-12-methylpentadecane	---	6.59725	1911.3448	170.830	170.65	388.80	2
18488	C16H33Cl	2-chloro-13-methylpentadecane	---	6.59725	1911.3448	170.830	170.65	388.80	2
18489	C16H33Cl	2-chloro-14-methylpentadecane	---	6.59725	1911.3448	170.830	170.65	388.80	2
18490	C16H33Cl	3-chloro-2-methylpentadecane	---	6.59725	1911.3448	170.830	170.65	388.80	2
18491	C16H33Cl	3-chloro-3-methylpentadecane	---	6.59725	1911.3448	170.830	170.65	388.80	2
18492	C16H33Cl	3-chloro-4-methylpentadecane	---	6.59725	1911.3448	170.830	170.65	388.80	2
18493	C16H33Cl	3-chloro-5-methylpentadecane	---	6.59725	1911.3448	170.830	170.65	388.80	2
18494	C16H33Cl	3-chloro-6-methylpentadecane	---	6.59725	1911.3448	170.830	170.65	388.80	2
18495	C16H33Cl	3-chloro-7-methylpentadecane	---	6.59725	1911.3448	170.830	170.65	388.80	2
18496	C16H33Cl	3-chloro-8-methylpentadecane	---	6.59725	1911.3448	170.830	170.65	388.80	2
18497	C16H33Cl	3-chloro-9-methylpentadecane	---	6.59725	1911.3448	170.830	170.65	388.80	2
18498	C16H33Cl	3-chloro-10-methylpentadecane	---	6.59725	1911.3448	170.830	170.65	388.80	2
18499	C16H33Cl	3-chloro-11-methylpentadecane	---	6.59725	1911.3448	170.830	170.65	388.80	2
18500	C16H33Cl	3-chloro-12-methylpentadecane	---	6.59725	1911.3448	170.830	170.65	388.80	2
18501	C16H33Cl	3-chloro-13-methylpentadecane	---	6.59725	1911.3448	170.830	170.65	388.80	2
18502	C16H33Cl	3-chloro-14-methylpentadecane	---	6.59725	1911.3448	170.830	170.65	388.80	2
18503	C16H33F	1-fluorohexadecane	408-38-8	6.47332	1791.3770	175.722	151.57	368.52	2
18504	C16H33F	1-fluorohexadecane	---	6.29979	1712.4474	177.946	145.17	371.28	3
18505	C16H33F	2-fluorohexadecane	---	6.29979	1712.4474	177.946	145.17	371.28	3
18506	C16H33F	3-fluorohexadecane	---	6.29979	1712.4474	177.946	145.17	371.28	3
18507	C16H33F	4-fluorohexadecane	---	6.29979	1712.4474	177.946	145.17	371.28	3
18508	C16H33F	5-fluorohexadecane	---	6.29979	1712.4474	177.946	145.17	371.28	3
18509	C16H33F	6-fluorohexadecane	---	6.29979	1712.4474	177.946	145.17	371.28	3
18510	C16H33F	7-fluorohexadecane	---	6.29979	1712.4474	177.946	145.17	371.28	3
18511	C16H33F	8-fluorohexadecane	---	6.29979	1712.4474	177.946	145.17	371.28	3
18512	C16H33F	1-fluoro-2-methylpentadecane	---	6.29979	1712.4474	177.946	145.17	371.28	3
18513	C16H33F	1-fluoro-3-methylpentadecane	---	6.29979	1712.4474	177.946	145.17	371.28	3
18514	C16H33F	1-fluoro-4-methylpentadecane	---	6.29979	1712.4474	177.946	145.17	371.28	3
18515	C16H33F	1-fluoro-5-methylpentadecane	---	6.29979	1712.4474	177.946	145.17	371.28	3
18516	C16H33F	1-fluoro-6-methylpentadecane	---	6.29979	1712.4474	177.946	145.17	371.28	3
18517	C16H33F	1-fluoro-7-methylpentadecane	---	6.29979	1712.4474	177.946	145.17	371.28	3
18518	C16H33F	1-fluoro-8-methylpentadecane	---	6.29979	1712.4474	177.946	145.17	371.28	3
18519	C16H33F	1-fluoro-9-methylpentadecane	---	6.29979	1712.4474	177.946	145.17	371.28	3
18520	C16H33F	1-fluoro-10-methylpentadecane	---	6.29979	1712.4474	177.946	145.17	371.28	3
18521	C16H33F	1-fluoro-11-methylpentadecane	---	6.29979	1712.4474	177.946	145.17	371.28	3
18522	C16H33F	1-fluoro-12-methylpentadecane	---	6.29979	1712.4474	177.946	145.17	371.28	3
18523	C16H33F	1-fluoro-13-methylpentadecane	---	6.29979	1712.4474	177.946	145.17	371.28	3
18524	C16H33F	1-fluoro-14-methylpentadecane	---	6.29979	1712.4474	177.946	145.17	371.28	3
18525	C16H33F	2-fluoro-2-methylpentadecane	---	6.13831	1638.8144	180.170	138.77	374.14	3
18526	C16H33F	2-fluoro-3-methylpentadecane	---	6.13831	1638.8144	180.170	138.77	374.14	3
18527	C16H33F	2-fluoro-4-methylpentadecane	---	6.13831	1638.8144	180.170	138.77	374.14	3
18528	C16H33F	2-fluoro-5-methylpentadecane	---	6.13831	1638.8144	180.170	138.77	374.14	3
18529	C16H33F	2-fluoro-6-methylpentadecane	---	6.13831	1638.8144	180.170	138.77	374.14	3
18530	C16H33F	2-fluoro-7-methylpentadecane	---	6.13831	1638.8144	180.170	138.77	374.14	3
18531	C16H33F	2-fluoro-8-methylpentadecane	---	6.13831	1638.8144	180.170	138.77	374.14	3
18532	C16H33F	2-fluoro-9-methylpentadecane	---	6.13831	1638.8144	180.170	138.77	374.14	3
18533	C16H33F	2-fluoro-10-methylpentadecane	---	6.13831	1638.8144	180.170	138.77	374.14	3
18534	C16H33F	2-fluoro-11-methylpentadecane	---	6.13831	1638.8144	180.170	138.77	374.14	3
18535	C16H33F	2-fluoro-12-methylpentadecane	---	6.13831	1638.8144	180.170	138.77	374.14	3
18536	C16H33F	2-fluoro-13-methylpentadecane	---	6.13831	1638.8144	180.170	138.77	374.14	3
18537	C16H33F	2-fluoro-14-methylpentadecane	---	6.13831	1638.8144	180.170	138.77	374.14	3
18538	C16H33F	3-fluoro-2-methylpentadecane	---	6.13831	1638.8144	180.170	138.77	374.14	3
18539	C16H33F	3-fluoro-3-methylpentadecane	---	6.13831	1638.8144	180.170	138.77	374.14	3
18540	C16H33F	3-fluoro-4-methylpentadecane	---	6.13831	1638.8144	180.170	138.77	374.14	3
18541	C16H33F	3-fluoro-5-methylpentadecane	---	6.13831	1638.8144	180.170	138.77	374.14	3
18542	C16H33F	3-fluoro-6-methylpentadecane	---	6.13831	1638.8144	180.170	138.77	374.14	3
18543	C16H33F	3-fluoro-7-methylpentadecane	---	6.13831	1638.8144	180.170	138.77	374.14	3
18544	C16H33F	3-fluoro-8-methylpentadecane	---	6.13831	1638.8144	180.170	138.77	374.14	3
18545	C16H33F	3-fluoro-9-methylpentadecane	---	6.13831	1638.8144	180.170	138.77	374.14	3
18546	C16H33F	3-fluoro-10-methylpentadecane	---	6.13831	1638.8144	180.170	138.77	374.14	3
18547	C16H33F	3-fluoro-11-methylpentadecane	---	6.13831	1638.8144	180.170	138.77	374.14	3
18548	C16H33F	3-fluoro-12-methylpentadecane	---	6.13831	1638.8144	180.170	138.77	374.14	3
18549	C16H33F	3-fluoro-13-methylpentadecane	---	6.13831	1638.8144	180.170	138.77	374.14	3
18550	C16H33F	3-fluoro-14-methylpentadecane	---	6.13831	1638.8144	180.170	138.77	374.14	3
18551	C16H33I	1-iodohexadecane	544-77-4	8.02477	2548.5054	156.818	205.97	369.41	3
18552	C16H33I	1-iodohexadecane	---	7.66238	2382.2569	159.598	197.97	372.09	3
18553	C16H33I	2-iodohexadecane	---	7.66238	2382.2569	159.598	197.97	372.09	3
18554	C16H33I	3-iodohexadecane	---	7.66238	2382.2569	159.598	197.97	372.09	3
18555	C16H33I	4-iodohexadecane	---	7.66238	2382.2569	159.598	197.97	372.09	3
18556	C16H33I	5-iodohexadecane	---	7.66238	2382.2569	159.598	197.97	372.09	3
18557	C16H33I	6-iodohexadecane	---	7.66238	2382.2569	159.598	197.97	372.09	3
18558	C16H33I	7-iodohexadecane	---	7.66238	2382.2569	159.598	197.97	372.09	3
18559	C16H33I	8-iodohexadecane	---	7.66238	2382.2569	159.598	197.97	372.09	3
18560	C16H33I	1-iodo-2-methylpentadecane	---	7.66238	2382.2569	159.598	197.97	372.09	3

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mm Hg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
18561	C16H33I	1-iodo-3-methylpentadecane	---	7.66238	2382.2569	159.598	197.97	372.09	3
18562	C16H33I	1-iodo-4-methylpentadecane	---	7.66238	2382.2569	159.598	197.97	372.09	3
18563	C16H33I	1-iodo-5-methylpentadecane	---	7.66238	2382.2569	159.598	197.97	372.09	3
18564	C16H33I	1-iodo-6-methylpentadecane	---	7.66238	2382.2569	159.598	197.97	372.09	3
18565	C16H33I	1-iodo-7-methylpentadecane	---	7.66238	2382.2569	159.598	197.97	372.09	3
18566	C16H33I	1-iodo-8-methylpentadecane	---	7.66238	2382.2569	159.598	197.97	372.09	3
18567	C16H33I	1-iodo-9-methylpentadecane	---	7.66238	2382.2569	159.598	197.97	372.09	3
18568	C16H33I	1-iodo-10-methylpentadecane	---	7.66238	2382.2569	159.598	197.97	372.09	3
18569	C16H33I	1-iodo-11-methylpentadecane	---	7.66238	2382.2569	159.598	197.97	372.09	3
18570	C16H33I	1-iodo-12-methylpentadecane	---	7.66238	2382.2569	159.598	197.97	372.09	3
18571	C16H33I	1-iodo-13-methylpentadecane	---	7.66238	2382.2569	159.598	197.97	372.09	3
18572	C16H33I	1-iodo-14-methylpentadecane	---	7.66238	2382.2569	159.598	197.97	372.09	3
18573	C16H33I	2-iodo-2-methylpentadecane	---	7.33900	2233.5356	162.378	189.97	374.90	3
18574	C16H33I	2-iodo-3-methylpentadecane	---	7.33900	2233.5356	162.378	189.97	374.90	3
18575	C16H33I	2-iodo-4-methylpentadecane	---	7.33900	2233.5356	162.378	189.97	374.90	3
18576	C16H33I	2-iodo-5-methylpentadecane	---	7.33900	2233.5356	162.378	189.97	374.90	3
18577	C16H33I	2-iodo-6-methylpentadecane	---	7.33900	2233.5356	162.378	189.97	374.90	3
18578	C16H33I	2-iodo-7-methylpentadecane	---	7.33900	2233.5356	162.378	189.97	374.90	3
18579	C16H33I	2-iodo-8-methylpentadecane	---	7.33900	2233.5356	162.378	189.97	374.90	3
18580	C16H33I	2-iodo-9-methylpentadecane	---	7.33900	2233.5356	162.378	189.97	374.90	3
18581	C16H33I	2-iodo-10-methylpentadecane	---	7.33900	2233.5356	162.378	189.97	374.90	3
18582	C16H33I	2-iodo-11-methylpentadecane	---	7.33900	2233.5356	162.378	189.97	374.90	3
18583	C16H33I	2-iodo-12-methylpentadecane	---	7.33900	2233.5356	162.378	189.97	374.90	3
18584	C16H33I	2-iodo-13-methylpentadecane	---	7.33900	2233.5356	162.378	189.97	374.90	3
18585	C16H33I	2-iodo-14-methylpentadecane	---	7.33900	2233.5356	162.378	189.97	374.90	3
18586	C16H33I	3-iodo-2-methylpentadecane	---	7.33900	2233.5356	162.378	189.97	374.90	3
18587	C16H33I	3-iodo-3-methylpentadecane	---	7.33900	2233.5356	162.378	189.97	374.90	3
18588	C16H33I	3-iodo-4-methylpentadecane	---	7.33900	2233.5356	162.378	189.97	374.90	3
18589	C16H33I	3-iodo-5-methylpentadecane	---	7.33900	2233.5356	162.378	189.97	374.90	3
18590	C16H33I	3-iodo-6-methylpentadecane	---	7.33900	2233.5356	162.378	189.97	374.90	3
18591	C16H33I	3-iodo-7-methylpentadecane	---	7.33900	2233.5356	162.378	189.97	374.90	3
18592	C16H33I	3-iodo-8-methylpentadecane	---	7.33900	2233.5356	162.378	189.97	374.90	3
18593	C16H33I	3-iodo-9-methylpentadecane	---	7.33900	2233.5356	162.378	189.97	374.90	3
18594	C16H33I	3-iodo-10-methylpentadecane	---	7.33900	2233.5356	162.378	189.97	374.90	3
18595	C16H33I	3-iodo-11-methylpentadecane	---	7.33900	2233.5356	162.378	189.97	374.90	3
18596	C16H33I	3-iodo-12-methylpentadecane	---	7.33900	2233.5356	162.378	189.97	374.90	3
18597	C16H33I	3-iodo-13-methylpentadecane	---	7.33900	2233.5356	162.378	189.97	374.90	3
18598	C16H33I	3-iodo-14-methylpentadecane	---	7.33900	2233.5356	162.378	189.97	374.90	3
18599	C16H33NO2	1-nitrohexadecane	66271-50-9	7.06964	2191.9569	158.764	202.37	405.04	3
18600	C16H34	hexadecane	544-76-3	7.56621	2161.1732	180.407	148.73	312.52	1,2
18601	C16H34	2-methylpentadecane	1560-93-6	7.07426	1828.5544	154.450	146.58	315.32	1,2
18602	C16H34	3-methylpentadecane	2882-96-4	7.07487	1830.4951	154.450	146.87	315.75	1,2
18603	C16H34	4-methylpentadecane	2801-87-8	8.42623	3088.2180	277.151	138.70	311.71	1,2
18604	C16H34	5-methylpentadecane	25117-33-3	8.38951	3060.5400	278.312	135.86	309.39	1,2
18605	C16H34	7-propyltridecane	55045-09-5	9.76830	3707.4820	286.314	136.51	276.58	1,2
18606	C16H34	2,2-dimethyltetradecane	59222-86-5	6.97298	1753.2918	154.450	139.09	308.02	1,2
18607	C16H34	2,3-dimethyltetradecane	18435-23-9	7.03275	1812.1147	154.450	145.93	316.12	1,2
18608	C16H34	2,4-dimethyltetradecane	61868-06-2	7.00828	1735.3931	154.450	134.38	299.08	1,2
18609	C16H34	2,4,6-trimethyltridecane	103392-36-5	8.79626	3080.7660	272.780	122.38	275.94	1,2
18610	C16H34	2,2,4,4,6,8,8-heptamethylnonane	4390-04-9	7.45625	1985.4767	187.593	119.94	276.91	1,2
18611	C16H34O	1-hexadecanol	36653-82-4	7.41411	2293.7106	165.970	191.63	375.99	1,2
18612	C16H34O	2-hexadecanol	14852-31-4	7.91253	2435.5751	168.772	183.57	346.07	2
18613	C16H34O	3-hexadecanol	593-03-3	7.27640	2150.4193	173.950	168.67	351.24	2
18614	C16H34O	4-hexadecanol	29354-98-1	7.56766	2281.1516	171.441	175.89	348.68	2
18615	C16H34O	5-hexadecanol	21078-87-5	7.56766	2281.1516	171.441	175.89	348.68	2
18616	C16H34O	6-hexadecanol	---	7.56766	2281.1516	171.441	175.89	348.68	2
18617	C16H34O	7-hexadecanol	591-72-0	7.56766	2281.1516	171.441	175.89	348.68	2
18618	C16H34O	8-hexadecanol	19781-83-0	7.56766	2281.1516	171.441	175.89	348.68	2
18619	C16H34O	2-methylpentadecanol	---	7.56766	2281.1516	171.441	175.89	348.68	2
18620	C16H34O	3-methylpentadecanol	---	7.56766	2281.1516	171.441	175.89	348.68	2
18621	C16H34O	4-methylpentadecanol	---	7.56766	2281.1516	171.441	175.89	348.68	2
18622	C16H34O	5-methylpentadecanol	---	7.56766	2281.1516	171.441	175.89	348.68	2
18623	C16H34O	6-methylpentadecanol	---	7.56766	2281.1516	171.441	175.89	348.68	2
18624	C16H34O	7-methylpentadecanol	---	7.56766	2281.1516	171.441	175.89	348.68	2
18625	C16H34O	8-methylpentadecanol	---	7.56766	2281.1516	171.441	175.89	348.68	2
18626	C16H34O	9-methylpentadecanol	---	7.56766	2281.1516	171.441	175.89	348.68	2
18627	C16H34O	10-methylpentadecanol	---	7.56766	2281.1516	171.441	175.89	348.68	2
18628	C16H34O	2,2-dimethyltetradecanol	---	7.56766	2281.1516	171.441	175.89	348.68	2
18629	C16H34O	2,3-dimethyltetradecanol	---	7.56766	2281.1516	171.441	175.89	348.68	2
18630	C16H34O	2,4-dimethyltetradecanol	---	7.56766	2281.1516	171.441	175.89	348.68	2
18631	C16H34O	2,5-dimethyltetradecanol	---	7.56766	2281.1516	171.441	175.89	348.68	2
18632	C16H34O	2,6-dimethyltetradecanol	---	7.56766	2281.1516	171.441	175.89	348.68	2
18633	C16H34O	2,7-dimethyltetradecanol	---	7.56766	2281.1516	171.441	175.89	348.68	2
18634	C16H34O	2,8-dimethyltetradecanol	---	7.56766	2281.1516	171.441	175.89	348.68	2
18635	C16H34O	3,3-dimethyltetradecanol	---	7.56766	2281.1516	171.441	175.89	348.68	2
18636	C16H34O	3,4-dimethyltetradecanol	---	7.56766	2281.1516	171.441	175.89	348.68	2
18637	C16H34O	3,5-dimethyltetradecanol	---	7.56766	2281.1516	171.441	175.89	348.68	2
18638	C16H34O	3,6-dimethyltetradecanol	---	7.56766	2281.1516	171.441	175.89	348.68	2
18639	C16H34O	3,7-dimethyltetradecanol	---	7.56766	2281.1516	171.441	175.89	348.68	2
18640	C16H34O	3,8-dimethyltetradecanol	---	7.56766	2281.1516	171.441	175.89	348.68	2

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mm Hg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
18641	C16H34O	2-ethyltetradecanol	---	7.56766	2281.1516	171.441	175.89	348.68	2
18642	C16H34O	3-ethyltetradecanol	---	7.56766	2281.1516	171.441	175.89	348.68	2
18643	C16H34O	4-ethyltetradecanol	---	7.56766	2281.1516	171.441	175.89	348.68	2
18644	C16H34O	5-ethyltetradecanol	---	7.56766	2281.1516	171.441	175.89	348.68	2
18645	C16H34O	6-ethyltetradecanol	---	7.56766	2281.1516	171.441	175.89	348.68	2
18646	C16H34O	7-ethyltetradecanol	---	7.56766	2281.1516	171.441	175.89	348.68	2
18647	C16H34O	8-ethyltetradecanol	---	7.56766	2281.1516	171.441	175.89	348.68	2
18648	C16H34O	9-ethyltetradecanol	---	7.56766	2281.1516	171.441	175.89	348.68	2
18649	C16H34O	2-methyl-1-pentadecanol	25354-98-7	7.27640	2150.4193	173.950	168.67	351.24	2
18650	C16H34O	6-methyl-6-pentadecanol	108836-86-8	7.27640	2150.4193	173.950	168.67	351.24	2
18651	C16H34O	2-hexyl-1-decanol	2425-77-6	7.27640	2150.4193	173.950	168.67	351.24	2
18652	C16H34O	1-methoxy-pentadecane	---	8.14430	2411.6615	172.915	164.65	313.07	3
18653	C16H34O	2-methoxy-pentadecane	---	7.56771	2166.6279	177.001	152.89	317.00	3
18654	C16H34O	3-methoxy-pentadecane	---	7.56771	2166.6279	177.001	152.89	317.00	3
18655	C16H34O	4-methoxy-pentadecane	---	7.56771	2166.6279	177.001	152.89	317.00	3
18656	C16H34O	5-methoxy-pentadecane	---	7.56771	2166.6279	177.001	152.89	317.00	3
18657	C16H34O	6-methoxy-pentadecane	---	7.56771	2166.6279	177.001	152.89	317.00	3
18658	C16H34O	7-methoxy-pentadecane	---	7.56771	2166.6279	177.001	152.89	317.00	3
18659	C16H34O	8-methoxy-pentadecane	---	7.56771	2166.6279	177.001	152.89	317.00	3
18660	C16H34O	1-ethoxy-tetradecane	---	7.77869	2256.3986	175.417	157.45	315.44	3
18661	C16H34O	2-ethoxy-tetradecane	---	7.56771	2166.6279	177.001	152.89	317.00	3
18662	C16H34O	3-ethoxy-tetradecane	---	7.56771	2166.6279	177.001	152.89	317.00	3
18663	C16H34O	4-ethoxy-tetradecane	---	7.56771	2166.6279	177.001	152.89	317.00	3
18664	C16H34O	5-ethoxy-tetradecane	---	7.56771	2166.6279	177.001	152.89	317.00	3
18665	C16H34O	6-ethoxy-tetradecane	---	7.56771	2166.6279	177.001	152.89	317.00	3
18666	C16H34O	7-ethoxy-tetradecane	---	7.56771	2166.6279	177.001	152.89	317.00	3
18667	C16H34O	1-propoxy-tridecane	---	7.90786	2311.2956	174.499	160.09	314.56	3
18668	C16H34O	2-propoxy-tridecane	---	7.56771	2166.6279	177.001	152.89	317.00	3
18669	C16H34O	3-propoxy-tridecane	---	7.56771	2166.6279	177.001	152.89	317.00	3
18670	C16H34O	4-propoxy-tridecane	---	7.56771	2166.6279	177.001	152.89	317.00	3
18671	C16H34O	5-propoxy-tridecane	---	7.56771	2166.6279	177.001	152.89	317.00	3
18672	C16H34O	6-propoxy-tridecane	---	7.56771	2166.6279	177.001	152.89	317.00	3
18673	C16H34O	7-propoxy-tridecane	---	7.56771	2166.6279	177.001	152.89	317.00	3
18674	C16H34O	1-isopropoxy-tridecane	---	7.39425	2092.7171	178.391	148.89	318.41	3
18675	C16H34O	2-isopropoxy-tridecane	---	7.39425	2092.7171	178.391	148.89	318.41	3
18676	C16H34O	3-isopropoxy-tridecane	---	7.39425	2092.7171	178.391	148.89	318.41	3
18677	C16H34O	4-isopropoxy-tridecane	---	7.39425	2092.7171	178.391	148.89	318.41	3
18678	C16H34O	5-isopropoxy-tridecane	---	7.39425	2092.7171	178.391	148.89	318.41	3
18679	C16H34O	6-isopropoxy-tridecane	---	7.39425	2092.7171	178.391	148.89	318.41	3
18680	C16H34O	7-isopropoxy-tridecane	---	7.39425	2092.7171	178.391	148.89	318.41	3
18681	C16H34O	dioctyl ether	629-82-3	7.61769	2193.0173	176.417	154.97	317.97	1,2
18682	C16H34O	bis(2-ethylhexyl) ether	10143-60-9	7.08099	1959.6121	181.282	140.97	321.29	3
18683	C16H34O2	1,2-hexadecanediol	6920-24-7	11.08782	3817.6596	154.872	223.57	328.01	3
18684	C16H34O2	1,3-hexadecanediol	34014-79-4	12.15318	4284.8771	151.814	232.37	325.80	3
18685	C16H34O2	1,4-hexadecanediol	---	15.03881	5547.3833	145.976	249.17	321.88	3
18686	C16H34O2	1,16-hexadecanediol	7735-42-4	12.52520	4447.8559	150.888	235.04	325.16	3
18687	C16H34S	1-hexadecanethiol	2917-26-2	7.70787	2389.2603	163.210	192.98	364.68	2
18688	C16H34S	2-hexadecanethiol	66271-53-2	7.47273	2281.8214	165.158	187.37	366.62	2
18689	C16H34S	3-hexadecanethiol	---	7.43887	2265.6274	165.297	186.57	366.91	2
18690	C16H34S	4-hexadecanethiol	---	7.42297	2258.3583	165.436	186.17	367.05	2
18691	C16H34S	5-hexadecanethiol	---	7.40717	2251.1281	165.575	185.77	367.20	2
18692	C16H34S	6-hexadecanethiol	---	7.39145	2243.9364	165.714	185.37	367.34	2
18693	C16H34S	7-hexadecanethiol	---	7.37581	2236.7830	165.853	184.97	367.48	2
18694	C16H34S	8-hexadecanethiol	---	7.36026	2229.6676	165.992	184.57	367.62	2
18695	C16H34S	2-methyl-1-pentadecanethiol	---	7.45517	2273.0823	165.156	186.98	366.77	2
18696	C16H34S	3-methyl-1-pentadecanethiol	---	7.43919	2265.7732	165.295	186.58	366.91	2
18697	C16H34S	4-methyl-1-pentadecanethiol	---	7.42329	2258.5033	165.434	186.18	367.05	2
18698	C16H34S	5-methyl-1-pentadecanethiol	---	7.40748	2251.2723	165.573	185.78	367.19	2
18699	C16H34S	6-methyl-1-pentadecanethiol	---	7.39176	2244.0799	165.712	185.38	367.33	2
18700	C16H34S	7-methyl-1-pentadecanethiol	---	7.37612	2236.9257	165.851	184.98	367.48	2
18701	C16H34S	8-methyl-1-pentadecanethiol	---	7.36057	2229.8095	165.990	184.58	367.62	2
18702	C16H34S	9-methyl-1-pentadecanethiol	---	7.34510	2222.7310	166.129	184.18	367.76	2
18703	C16H34S	10-methyl-1-pentadecanethiol	---	7.32972	2215.6898	166.268	183.78	367.91	2
18704	C16H34S	11-methyl-1-pentadecanethiol	---	7.31442	2208.6856	166.407	183.38	368.05	2
18705	C16H34S	12-methyl-1-pentadecanethiol	---	7.29920	2201.7182	166.546	182.98	368.20	2
18706	C16H34S	13-methyl-1-pentadecanethiol	---	7.28406	2194.7873	166.685	182.58	368.34	2
18707	C16H34S	14-methyl-1-pentadecanethiol	---	7.26901	2187.8925	166.824	182.18	368.48	2
18708	C16H34S	2-methyl-2-pentadecanethiol	---	7.23913	2174.2102	167.102	181.38	368.78	2
18709	C16H34S	3-methyl-2-pentadecanethiol	---	7.22432	2167.4221	167.241	180.98	368.92	2
18710	C16H34S	4-methyl-2-pentadecanethiol	---	7.20958	2160.6690	167.380	180.58	369.07	2
18711	C16H34S	5-methyl-2-pentadecanethiol	---	7.19492	2153.9507	167.519	180.18	369.22	2
18712	C16H34S	6-methyl-2-pentadecanethiol	---	7.18033	2147.2669	167.658	179.78	369.36	2
18713	C16H34S	7-methyl-2-pentadecanethiol	---	7.16582	2140.6172	167.797	179.38	369.51	2
18714	C16H34S	8-methyl-2-pentadecanethiol	---	7.15139	2134.0015	167.936	178.98	369.66	2
18715	C16H34S	9-methyl-2-pentadecanethiol	---	7.13704	2127.4195	168.075	178.58	369.81	2
18716	C16H34S	10-methyl-2-pentadecanethiol	---	7.12276	2120.8708	168.214	178.18	369.95	2
18717	C16H34S	11-methyl-2-pentadecanethiol	---	7.10855	2114.3553	168.353	177.78	370.10	2
18718	C16H34S	12-methyl-2-pentadecanethiol	---	7.09442	2107.8726	168.492	177.38	370.25	2
18719	C16H34S	13-methyl-2-pentadecanethiol	---	7.08036	2101.4226	168.631	176.98	370.40	2
18720	C16H34S	14-methyl-2-pentadecanethiol	---	7.06637	2095.0049	168.770	176.58	370.55	2

Table 1 Vapor Pressure – Organic Compounds

log ₁₀ P = A - B/(T + C) (P - mm Hg, T - C)									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
18721	C16H34S	2-thiaheptadecane	62155-10-6	7.83114	2365.7033	166.126	180.19	342.70	2
18722	C16H34S	3-thiaheptadecane	66271-54-3	7.79380	2349.2280	166.404	179.39	342.97	2
18723	C16H34S	4-thiaheptadecane	66271-55-4	7.75692	2332.9466	166.682	178.59	343.24	2
18724	C16H34S	5-thiaheptadecane	16900-08-6	7.72048	2316.8555	166.960	177.79	343.51	2
18725	C16H34S	6-thiaheptadecane	---	7.68446	2300.9514	167.238	176.99	343.79	2
18726	C16H34S	7-thiaheptadecane	---	7.64888	2285.2309	167.516	176.19	344.06	2
18727	C16H34S	8-thiaheptadecane	---	7.61371	2269.6909	167.794	175.39	344.34	2
18728	C16H34S	9-thiaheptadecane	2690-08-6	7.57895	2254.3282	168.072	174.59	344.61	2
18729	C16H34S	3-methyl-2-thiahexadecane	---	7.47706	2209.2732	168.906	172.19	345.45	2
18730	C16H34S	4-methyl-2-thiahexadecane	---	7.44388	2194.5894	169.184	171.39	345.73	2
18731	C16H34S	5-methyl-2-thiahexadecane	---	7.41107	2180.0682	169.462	170.59	346.02	2
18732	C16H34S	6-methyl-2-thiahexadecane	---	7.37862	2165.7068	169.740	169.79	346.30	2
18733	C16H34S	7-methyl-2-thiahexadecane	---	7.34655	2151.5025	170.018	168.99	346.59	2
18734	C16H34S	8-methyl-2-thiahexadecane	---	7.31482	2137.4527	170.296	168.19	346.87	2
18735	C16H34S	9-methyl-2-thiahexadecane	---	7.28346	2123.5548	170.574	167.39	347.16	2
18736	C16H34S	10-methyl-2-thiahexadecane	---	7.25243	2109.8064	170.852	166.59	347.45	2
18737	C16H34S	2-methyl-3-thiahexadecane	---	7.44388	2194.5894	169.184	171.39	345.73	2
18738	C16H34S	4-methyl-3-thiahexadecane	---	7.41107	2180.0682	169.462	170.59	346.02	2
18739	C16H34S	5-methyl-3-thiahexadecane	---	7.37862	2165.7068	169.740	169.79	346.30	2
18740	C16H34S	6-methyl-3-thiahexadecane	---	7.34655	2151.5025	170.018	168.99	346.59	2
18741	C16H34S	7-methyl-3-thiahexadecane	---	7.31482	2137.4527	170.296	168.19	346.87	2
18742	C16H34S	8-methyl-3-thiahexadecane	---	7.28346	2123.5548	170.574	167.39	347.16	2
18743	C16H34S	9-methyl-3-thiahexadecane	---	7.25243	2109.8064	170.852	166.59	347.45	2
18744	C16H34S	10-methyl-3-thiahexadecane	---	7.22175	2096.2048	171.130	165.79	347.75	2
18745	C16H34S2	1,16-hexadecanedithiol	---	6.63411	2082.2479	152.137	217.44	451.02	2
18746	C16H34S2	1,15-hexadecanedithiol	---	6.62338	2076.8132	152.276	217.04	451.18	2
18747	C16H34S2	1,14-hexadecanedithiol	---	6.61269	2071.4011	152.415	216.64	451.34	2
18748	C16H34S2	1,12-hexadecanedithiol	---	6.60205	2066.0115	152.554	216.24	451.51	2
18749	C16H34S2	1,11-hexadecanedithiol	---	6.59145	2060.6443	152.693	215.84	451.67	2
18750	C16H34S2	1,10-hexadecanedithiol	---	6.58090	2055.2992	152.832	215.44	451.84	2
18751	C16H34S2	1,9-hexadecanedithiol	---	6.57039	2049.9763	152.971	215.04	452.00	2
18752	C16H34S2	1,8-hexadecanedithiol	---	6.55993	2044.6752	153.110	214.64	452.17	2
18753	C16H34S2	1,7-hexadecanedithiol	---	6.54952	2039.3960	153.249	214.24	452.33	2
18754	C16H34S2	1,6-hexadecanedithiol	---	6.53914	2034.1383	153.388	213.84	452.50	2
18755	C16H34S2	1,5-hexadecanedithiol	---	6.52881	2028.9022	153.527	213.44	452.66	2
18756	C16H34S2	1,4-hexadecanedithiol	---	6.51853	2023.6875	153.666	213.04	452.83	2
18757	C16H34S2	1,3-hexadecanedithiol	---	6.50829	2018.4940	153.805	212.64	453.00	2
18758	C16H34S2	1,2-hexadecanedithiol	---	6.49809	2013.3216	153.944	212.24	453.17	2
18759	C16H34S2	2,3-dithiaoctadecane	---	7.36526	2289.6187	157.928	201.78	389.38	2
18760	C16H34S2	3,4-dithiaoctadecane	---	7.33513	2275.4745	158.206	200.98	389.67	2
18761	C16H34S2	4,5-dithiaoctadecane	---	7.30532	2261.4751	158.484	200.18	389.96	2
18762	C16H34S2	5,6-dithiaoctadecane	---	7.27582	2247.6184	158.762	199.38	390.24	2
18763	C16H34S2	6,7-dithiaoctadecane	---	7.24662	2233.9020	159.040	198.58	390.54	2
18764	C16H34S2	7,8-dithiaoctadecane	---	7.21773	2220.3238	159.318	197.78	390.83	2
18765	C16H34S2	8,9-dithiaoctadecane	---	7.18913	2206.8816	159.596	196.98	391.12	2
18766	C16H34S2	9,10-dithiaoctadecane	822-27-5	7.22047	2224.1373	159.874	197.68	390.84	2
18767	C16H34S2	2,4-dithiaoctadecane	---	7.68510	2439.5630	155.148	209.78	386.59	2
18768	C16H34S2	3,5-dithiaoctadecane	---	7.65151	2423.8342	155.426	208.98	386.86	2
18769	C16H34S2	4,6-dithiaoctadecane	---	7.61830	2408.2758	155.704	208.18	387.13	2
18770	C16H34S2	5,7-dithiaoctadecane	---	7.58545	2392.8850	155.982	207.38	387.41	2
18771	C16H34S2	6,8-dithiaoctadecane	---	7.55296	2377.6591	156.260	206.58	387.69	2
18772	C16H34S2	7,9-dithiaoctadecane	---	7.52082	2362.5953	156.538	205.78	387.97	2
18773	C16H34S2	8,10-dithiaoctadecane	---	7.48904	2347.6911	156.816	204.98	388.25	2
18774	C16H35N	hexadecylamine	143-27-1	7.63581	2353.3925	164.880	189.77	363.50	1,2
18775	C16H35N	ethyltetradecylamine	66271-56-5	7.80520	2338.8691	170.718	172.97	335.16	2
18776	C16H35N	dioctylamine	1120-48-5	8.09686	2441.5545	170.535	173.50	326.22	1,2
18777	C16H35N	methylpentadecylamine	29664-53-7	7.80520	2338.8691	170.718	172.97	335.16	2
18778	C16H35N	N-(1-methylheptyl)-2-octanamine	5412-92-0	7.02024	1993.6659	177.390	153.77	342.01	2
18779	C16H35N	bis(2-ethylhexyl)amine	106-20-7	6.96657	1969.9746	177.919	152.25	342.59	2
18780	C16H35N	dimethyltetradecylamine	112-75-4	8.44616	2539.7230	172.108	168.97	310.33	2
18781	C16H35N	diethyldodecylamine	4271-27-6	7.44184	2113.1067	179.058	148.97	316.98	2
18782	C17H12	1-methylpyrene	2381-21-7	6.85887	2196.2229	142.084	232.77	455.20	1,2
18783	C17H12	2-methylpyrene	3442-78-2	6.93435	2224.5153	142.084	232.77	450.72	2
18784	C17H12	2-methylfluoranthene	33543-31-6	7.10815	2280.2094	142.696	230.61	438.06	3
18785	C17H12	3-methylfluoranthene	1706-01-0	7.10815	2280.2094	142.696	230.61	438.06	3
18786	C17H16	2,9,10-trimethylanthracene	63018-94-0	6.51260	1957.1384	147.636	207.39	439.96	2
18787	C17H16OS	tetrahydro-2,6-diphenyl-4h-thiopyran-4-one	37014-01-0	16.05010	7104.7000	273.150	198.92	278.96	3
18788	C17H18	1,1-diphenyl-1-pentene	1530-11-6	7.07142	2007.2532	170.229	160.38	345.83	1,2
18789	C17H20	1,1-diphenylpentane	1726-12-1	6.76822	1909.5868	170.471	160.58	361.98	2
18790	C17H20	1,3-diphenylpentane	838-45-9	6.67074	1865.8009	171.552	157.47	363.23	2
18791	C17H20	1,5-diphenylpentane	1718-50-9	7.02563	2054.9111	165.158	175.87	369.45	1,2
18792	C17H20	4-pentylbiphenyl	7116-96-3	6.76210	1922.7923	169.649	164.05	367.41	2
18793	C17H20	amyl biphenyl	63990-96-5	6.76210	1922.7923	169.649	164.05	367.41	2
18794	C17H22	1-heptylnaphthalene	2876-52-0	7.01291	2067.5284	162.378	181.47	377.30	2
18795	C17H22	2-heptylnaphthalene	2876-45-1	7.58889	2272.4558	161.822	183.07	353.82	1,2
18796	C17H26	1-heptyl-[1,2,3,4-tetrahydronaphthalene]	66563-99-3	6.77725	1945.1782	166.826	169.87	374.19	2
18797	C17H26	2-heptyl-[1,2,3,4-tetrahydronaphthalene]	26438-24-4	6.88016	1992.1048	165.714	173.07	372.94	2
18798	C17H28	undecylbenzene	6742-54-7	7.60415	2314.7858	180.494	170.01	342.94	2
18799	C17H28O	2,6-di-tert-pentyl-4-methylphenol	56103-67-4	6.79567	1907.7058	177.390	151.77	350.50	3
18800	C17H30O	2-heptadecynal	---	6.65317	2052.1143	160.432	202.57	430.73	3

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mm Hg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
18801	C17H30O2	2-heptadecyanoic acid	---	7.71629	2710.3481	138.839	265	459	3
18802	C17H30O2	3-heptadecyanoic acid	---	7.71629	2710.3481	138.839	265	459	3
18803	C17H30O2	4-heptadecyanoic acid	---	7.71629	2710.3481	138.839	265	459	3
18804	C17H30O2	5-heptadecyanoic acid	---	7.71629	2710.3481	138.839	265	459	3
18805	C17H30O2	6-heptadecyanoic acid	---	7.71629	2710.3481	138.839	265	459	3
18806	C17H30O2	7-heptadecyanoic acid	---	7.71629	2710.3481	138.839	265	459	3
18807	C17H30O2	8-heptadecyanoic acid	---	7.71629	2710.3481	138.839	265	459	3
18808	C17H30O2	9-heptadecyanoic acid	---	7.71629	2710.3481	138.839	265	459	3
18809	C17H30O2	10-heptadecyanoic acid	---	7.71629	2710.3481	138.839	265	459	3
18810	C17H30O2	11-heptadecyanoic acid	---	7.71629	2710.3481	138.839	265	459	3
18811	C17H30O2	12-heptadecyanoic acid	---	7.71629	2710.3481	138.839	265	459	3
18812	C17H30O2	13-heptadecyanoic acid	---	7.71629	2710.3481	138.839	265	459	3
18813	C17H30O2	14-heptadecyanoic acid	---	7.71629	2710.3481	138.839	265	459	3
18814	C17H30O2	15-heptadecyanoic acid	---	7.71629	2710.3481	138.839	265	459	3
18815	C17H30O2	16-heptadecyanoic acid	---	7.71629	2710.3481	138.839	265	459	3
18816	C17H30O2	4-methyl-2-hexadecyanoic acid	---	7.71629	2710.3481	138.839	265	459	3
18817	C17H30O2	5-methyl-2-hexadecyanoic acid	---	7.71629	2710.3481	138.839	265	459	3
18818	C17H30O2	6-methyl-2-hexadecyanoic acid	---	7.71629	2710.3481	138.839	265	459	3
18819	C17H30O2	7-methyl-2-hexadecyanoic acid	---	7.71629	2710.3481	138.839	265	459	3
18820	C17H30O2	8-methyl-2-hexadecyanoic acid	---	7.71629	2710.3481	138.839	265	459	3
18821	C17H30O2	9-methyl-2-hexadecyanoic acid	---	7.71629	2710.3481	138.839	265	459	3
18822	C17H30O2	10-methyl-2-hexadecyanoic acid	---	7.71629	2710.3481	138.839	265	459	3
18823	C17H30O2	11-methyl-2-hexadecyanoic acid	---	7.71629	2710.3481	138.839	265	459	3
18824	C17H30O2	12-methyl-2-hexadecyanoic acid	---	7.71629	2710.3481	138.839	265	459	3
18825	C17H30O2	13-methyl-2-hexadecyanoic acid	---	7.71629	2710.3481	138.839	265	459	3
18826	C17H30O2	14-methyl-2-hexadecyanoic acid	---	7.71629	2710.3481	138.839	265	459	3
18827	C17H30O2	15-methyl-2-hexadecyanoic acid	---	7.71629	2710.3481	138.839	265	459	3
18828	C17H30O2	2-methyl-3-hexadecyanoic acid	---	7.71629	2710.3481	138.839	265	459	3
18829	C17H30O2	5-methyl-3-hexadecyanoic acid	---	7.71629	2710.3481	138.839	265	459	3
18830	C17H30O2	6-methyl-3-hexadecyanoic acid	---	7.71629	2710.3481	138.839	265	459	3
18831	C17H30O2	7-methyl-3-hexadecyanoic acid	---	7.71629	2710.3481	138.839	265	459	3
18832	C17H30O2	8-methyl-3-hexadecyanoic acid	---	7.71629	2710.3481	138.839	265	459	3
18833	C17H30O2	9-methyl-3-hexadecyanoic acid	---	7.71629	2710.3481	138.839	265	459	3
18834	C17H30O2	10-methyl-3-hexadecyanoic acid	---	7.71629	2710.3481	138.839	265	459	3
18835	C17H30O2	11-methyl-3-hexadecyanoic acid	---	7.71629	2710.3481	138.839	265	459	3
18836	C17H30O2	12-methyl-3-hexadecyanoic acid	---	7.71629	2710.3481	138.839	265	459	3
18837	C17H30O2	13-methyl-3-hexadecyanoic acid	---	7.71629	2710.3481	138.839	265	459	3
18838	C17H30O2	14-methyl-3-hexadecyanoic acid	---	7.71629	2710.3481	138.839	265	459	3
18839	C17H30O2	15-methyl-3-hexadecyanoic acid	---	7.71629	2710.3481	138.839	265	459	3
18840	C17H30O2	2-methyl-4-hexadecyanoic acid	---	7.71629	2710.3481	138.839	265	459	3
18841	C17H30O2	3-methyl-4-hexadecyanoic acid	---	7.71629	2710.3481	138.839	265	459	3
18842	C17H30O2	6-methyl-4-hexadecyanoic acid	---	7.71629	2710.3481	138.839	265	459	3
18843	C17H30O2	7-methyl-4-hexadecyanoic acid	---	7.71629	2710.3481	138.839	265	459	3
18844	C17H30O2	8-methyl-4-hexadecyanoic acid	---	7.71629	2710.3481	138.839	265	459	3
18845	C17H30O2	9-methyl-4-hexadecyanoic acid	---	7.71629	2710.3481	138.839	265	459	3
18846	C17H30O2	10-methyl-4-hexadecyanoic acid	---	7.71629	2710.3481	138.839	265	459	3
18847	C17H30O2	11-methyl-4-hexadecyanoic acid	---	7.71629	2710.3481	138.839	265	459	3
18848	C17H30O2	12-methyl-4-hexadecyanoic acid	---	7.71629	2710.3481	138.839	265	459	3
18849	C17H30O2	13-methyl-4-hexadecyanoic acid	---	7.71629	2710.3481	138.839	265	459	3
18850	C17H30O2	14-methyl-4-hexadecyanoic acid	---	7.71629	2710.3481	138.839	265	459	3
18851	C17H30O2	15-methyl-4-hexadecyanoic acid	---	7.71629	2710.3481	138.839	265	459	3
18852	C17H30O2	4-ethyl-2-pentadecyanoic acid	---	7.71629	2710.3481	138.839	265	459	3
18853	C17H30O2	5-ethyl-2-pentadecyanoic acid	---	7.71629	2710.3481	138.839	265	459	3
18854	C17H30O2	6-ethyl-2-pentadecyanoic acid	---	7.71629	2710.3481	138.839	265	459	3
18855	C17H30O2	7-ethyl-2-pentadecyanoic acid	---	7.71629	2710.3481	138.839	265	459	3
18856	C17H30O2	8-ethyl-2-pentadecyanoic acid	---	7.71629	2710.3481	138.839	265	459	3
18857	C17H30O2	9-ethyl-2-pentadecyanoic acid	---	7.71629	2710.3481	138.839	265	459	3
18858	C17H30O2	10-ethyl-2-pentadecyanoic acid	---	7.71629	2710.3481	138.839	265	459	3
18859	C17H30O2	11-ethyl-2-pentadecyanoic acid	---	7.71629	2710.3481	138.839	265	459	3
18860	C17H30O2	12-ethyl-2-pentadecyanoic acid	---	7.71629	2710.3481	138.839	265	459	3
18861	C17H30O2	13-ethyl-2-pentadecyanoic acid	---	7.71629	2710.3481	138.839	265	459	3
18862	C17H30O2	14-ethyl-2-pentadecyanoic acid	---	7.71629	2710.3481	138.839	265	459	3
18863	C17H30S	2-tridecylthiophene	---	7.22305	2167.6670	164.519	183.81	371.87	2
18864	C17H30S	3-tridecylthiophene	---	7.28274	2195.0198	163.963	185.41	371.29	2
18865	C17H30S	2-isotridecylthiophene	---	7.07920	2101.6957	165.909	179.81	373.35	2
18866	C17H30S	3-isotridecylthiophene	---	7.13584	2127.6817	165.353	181.41	372.76	2
18867	C17H30S	2-sec-tridecylthiophene	---	6.94260	2038.9605	167.299	175.81	374.87	2
18868	C17H30S	3-sec-tridecylthiophene	---	6.99641	2063.6821	166.743	177.41	374.26	2
18869	C17H30S	2-tert-tridecylthiophene	---	6.81271	1979.2228	168.689	171.81	376.42	2
18870	C17H30S	3-tert-tridecylthiophene	---	6.86390	2002.7725	168.133	173.41	375.80	2
18871	C17H30S	2-methyl-3-dodecylthiophene	---	7.25274	2181.2723	164.241	184.61	371.58	2
18872	C17H30S	2-methyl-4-dodecylthiophene	---	7.28274	2195.0198	163.963	185.41	371.29	2
18873	C17H30S	2-methyl-5-dodecylthiophene	---	7.31307	2208.9118	163.685	186.21	371.00	2
18874	C17H30S	3-methyl-2-dodecylthiophene	---	7.31307	2208.9118	163.685	186.21	371.00	2
18875	C17H30S	3-methyl-4-dodecylthiophene	---	7.34373	2222.9506	163.407	187.01	370.71	2
18876	C17H30S	3-methyl-5-dodecylthiophene	---	7.37472	2237.1386	163.129	187.81	370.43	2
18877	C17H32	1-heptadecyne	26186-00-5	7.60634	2229.7556	172.940	164.58	331.02	2
18878	C17H32	2-heptadecyne	61847-96-9	8.06407	2428.4596	169.606	174.17	327.80	2
18879	C17H32	3-heptadecyne	61886-63-3	7.64164	2245.1035	172.664	165.37	330.74	2
18880	C17H32	4-heptadecyne	---	7.67773	2260.7882	172.386	166.17	330.47	2

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mm Hg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
18881	C17H32	5-heptadecyne	---	7.71426	2276.6590	172.108	166.97	330.20	2
18882	C17H32	6-heptadecyne	---	7.75123	2292.7193	171.830	167.77	329.93	2
18883	C17H32	7-heptadecyne	---	7.78865	2308.9725	171.552	168.57	329.66	2
18884	C17H32	8-heptadecyne	---	7.82654	2325.4222	171.274	169.37	329.39	2
18885	C17H32	3-methyl-1-hexadecyne	---	7.57075	2214.2790	173.220	163.77	331.30	2
18886	C17H32	4-methyl-1-hexadecyne	---	7.57075	2214.2790	173.220	163.77	331.30	2
18887	C17H32	5-methyl-1-hexadecyne	---	7.57075	2214.2790	173.220	163.77	331.30	2
18888	C17H32	6-methyl-1-hexadecyne	---	7.57075	2214.2790	173.220	163.77	331.30	2
18889	C17H32	7-methyl-1-hexadecyne	---	7.57075	2214.2790	173.220	163.77	331.30	2
18890	C17H32	8-methyl-1-hexadecyne	---	7.57075	2214.2790	173.220	163.77	331.30	2
18891	C17H32	9-methyl-1-hexadecyne	---	7.57075	2214.2790	173.220	163.77	331.30	2
18892	C17H32	10-methyl-1-hexadecyne	---	7.57075	2214.2790	173.220	163.77	331.30	2
18893	C17H32	11-methyl-1-hexadecyne	---	7.57075	2214.2790	173.220	163.77	331.30	2
18894	C17H32	12-methyl-1-hexadecyne	---	7.57075	2214.2790	173.220	163.77	331.30	2
18895	C17H32	13-methyl-1-hexadecyne	---	7.57075	2214.2790	173.220	163.77	331.30	2
18896	C17H32	14-methyl-1-hexadecyne	---	7.57075	2214.2790	173.220	163.77	331.30	2
18897	C17H32	15-methyl-1-hexadecyne	---	7.57075	2214.2790	173.220	163.77	331.30	2
18898	C17H32	4-methyl-2-hexadecyne	---	7.57075	2214.2790	173.220	163.77	331.30	2
18899	C17H32	5-methyl-2-hexadecyne	---	7.57075	2214.2790	173.220	163.77	331.30	2
18900	C17H32	6-methyl-2-hexadecyne	---	7.57075	2214.2790	173.220	163.77	331.30	2
18901	C17H32	7-methyl-2-hexadecyne	---	7.57075	2214.2790	173.220	163.77	331.30	2
18902	C17H32	8-methyl-2-hexadecyne	---	7.57075	2214.2790	173.220	163.77	331.30	2
18903	C17H32	9-methyl-2-hexadecyne	---	7.57075	2214.2790	173.220	163.77	331.30	2
18904	C17H32	10-methyl-2-hexadecyne	---	7.57075	2214.2790	173.220	163.77	331.30	2
18905	C17H32	11-methyl-2-hexadecyne	---	7.57075	2214.2790	173.220	163.77	331.30	2
18906	C17H32	12-methyl-2-hexadecyne	---	7.57075	2214.2790	173.220	163.77	331.30	2
18907	C17H32	13-methyl-2-hexadecyne	---	7.57075	2214.2790	173.220	163.77	331.30	2
18908	C17H32	14-methyl-2-hexadecyne	---	7.57075	2214.2790	173.220	163.77	331.30	2
18909	C17H32	15-methyl-2-hexadecyne	---	7.57075	2214.2790	173.220	163.77	331.30	2
18910	C17H32	5-methyl-3-hexadecyne	---	7.57075	2214.2790	173.220	163.77	331.30	2
18911	C17H32	6-methyl-3-hexadecyne	---	7.57075	2214.2790	173.220	163.77	331.30	2
18912	C17H32	7-methyl-3-hexadecyne	---	7.57075	2214.2790	173.220	163.77	331.30	2
18913	C17H32	8-methyl-3-hexadecyne	---	7.57075	2214.2790	173.220	163.77	331.30	2
18914	C17H32	9-methyl-3-hexadecyne	---	7.57075	2214.2790	173.220	163.77	331.30	2
18915	C17H32	10-methyl-3-hexadecyne	---	7.57075	2214.2790	173.220	163.77	331.30	2
18916	C17H32	11-methyl-3-hexadecyne	---	7.57075	2214.2790	173.220	163.77	331.30	2
18917	C17H32	12-methyl-3-hexadecyne	---	7.57075	2214.2790	173.220	163.77	331.30	2
18918	C17H32	13-methyl-3-hexadecyne	---	7.57075	2214.2790	173.220	163.77	331.30	2
18919	C17H32	14-methyl-3-hexadecyne	---	7.57075	2214.2790	173.220	163.77	331.30	2
18920	C17H32	15-methyl-3-hexadecyne	---	7.57075	2214.2790	173.220	163.77	331.30	2
18921	C17H32	3,3-dimethyl-1-pentadecyne	---	7.33531	2111.7902	175.166	158.17	333.27	2
18922	C17H32	3,4-dimethyl-1-pentadecyne	---	7.33531	2111.7902	175.166	158.17	333.27	2
18923	C17H32	3,5-dimethyl-1-pentadecyne	---	7.33531	2111.7902	175.166	158.17	333.27	2
18924	C17H32	3,6-dimethyl-1-pentadecyne	---	7.33531	2111.7902	175.166	158.17	333.27	2
18925	C17H32	3,7-dimethyl-1-pentadecyne	---	7.33531	2111.7902	175.166	158.17	333.27	2
18926	C17H32	3,8-dimethyl-1-pentadecyne	---	7.33531	2111.7902	175.166	158.17	333.27	2
18927	C17H32	3,9-dimethyl-1-pentadecyne	---	7.33531	2111.7902	175.166	158.17	333.27	2
18928	C17H32	3,10-dimethyl-1-pentadecyne	---	7.33531	2111.7902	175.166	158.17	333.27	2
18929	C17H32	3,11-dimethyl-1-pentadecyne	---	7.33531	2111.7902	175.166	158.17	333.27	2
18930	C17H32	3,12-dimethyl-1-pentadecyne	---	7.33531	2111.7902	175.166	158.17	333.27	2
18931	C17H32	3,13-dimethyl-1-pentadecyne	---	7.33531	2111.7902	175.166	158.17	333.27	2
18932	C17H32	3,14-dimethyl-1-pentadecyne	---	7.33531	2111.7902	175.166	158.17	333.27	2
18933	C17H32	4,4-dimethyl-2-pentadecyne	---	7.33531	2111.7902	175.166	158.17	333.27	2
18934	C17H32	4,5-dimethyl-2-pentadecyne	---	7.33531	2111.7902	175.166	158.17	333.27	2
18935	C17H32	4,6-dimethyl-2-pentadecyne	---	7.33531	2111.7902	175.166	158.17	333.27	2
18936	C17H32	4,7-dimethyl-2-pentadecyne	---	7.33531	2111.7902	175.166	158.17	333.27	2
18937	C17H32	4,8-dimethyl-2-pentadecyne	---	7.33531	2111.7902	175.166	158.17	333.27	2
18938	C17H32	4,9-dimethyl-2-pentadecyne	---	7.33531	2111.7902	175.166	158.17	333.27	2
18939	C17H32	4,10-dimethyl-2-pentadecyne	---	7.33531	2111.7902	175.166	158.17	333.27	2
18940	C17H32	4,11-dimethyl-2-pentadecyne	---	7.33531	2111.7902	175.166	158.17	333.27	2
18941	C17H32	4,12-dimethyl-2-pentadecyne	---	7.33531	2111.7902	175.166	158.17	333.27	2
18942	C17H32	4,13-dimethyl-2-pentadecyne	---	7.33531	2111.7902	175.166	158.17	333.27	2
18943	C17H32	4,14-dimethyl-2-pentadecyne	---	7.33531	2111.7902	175.166	158.17	333.27	2
18944	C17H32	3-ethyl-1-pentadecyne	---	7.57075	2214.2790	173.220	163.77	331.30	2
18945	C17H32	4-ethyl-1-pentadecyne	---	7.57075	2214.2790	173.220	163.77	331.30	2
18946	C17H32	5-ethyl-1-pentadecyne	---	7.57075	2214.2790	173.220	163.77	331.30	2
18947	C17H32	6-ethyl-1-pentadecyne	---	7.57075	2214.2790	173.220	163.77	331.30	2
18948	C17H32	7-ethyl-1-pentadecyne	---	7.57075	2214.2790	173.220	163.77	331.30	2
18949	C17H32	8-ethyl-1-pentadecyne	---	7.57075	2214.2790	173.220	163.77	331.30	2
18950	C17H32	9-ethyl-1-pentadecyne	---	7.57075	2214.2790	173.220	163.77	331.30	2
18951	C17H32	10-ethyl-1-pentadecyne	---	7.57075	2214.2790	173.220	163.77	331.30	2
18952	C17H32	11-ethyl-1-pentadecyne	---	7.57075	2214.2790	173.220	163.77	331.30	2
18953	C17H32	12-ethyl-1-pentadecyne	---	7.57075	2214.2790	173.220	163.77	331.30	2
18954	C17H32	13-ethyl-1-pentadecyne	---	7.57075	2214.2790	173.220	163.77	331.30	2
18955	C17H32	14-ethyl-1-pentadecyne	---	7.57075	2214.2790	173.220	163.77	331.30	2
18956	C17H32	1,1-dicyclohexylpentane	54833-30-6	6.92637	1936.0772	170.718	155.97	346.32	1,2
18957	C17H32	1,3-dicyclohexyl-2-ethylpropane	54833-34-0	6.94399	1938.7284	170.996	155.17	344.33	1,2
18958	C17H32	1,5-dicyclohexylpentane	54833-31-7	6.96475	2004.6594	165.714	170.37	364.21	1,2
18959	C17H32	1-dodecylcyclopentene	62184-77-4	7.28766	2120.9884	182.380	154.95	334.20	2
18960	C17H32Cl4	1,1,1,17-tetrachloro-heptadecane	93479-16-4	12.55010	5640.0000	273.150	215.16	328.88	3

Table 1 Vapor Pressure – Organic Compounds

			log ₁₀ P = A - B/(T + C)	(P - mm Hg, T - C)					
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
18961	C17H32O	2-heptadecenal	---	6.61827	1961.4958	165.158	183.97	405.64	3
18962	C17H32O2	2-heptadecenoic acid	---	7.32345	2392.8022	152.231	226.17	425.52	2
18963	C17H32O2	3-heptadecenoic acid	---	7.32345	2392.8022	152.231	226.17	425.52	2
18964	C17H32O2	4-heptadecenoic acid	---	7.32345	2392.8022	152.231	226.17	425.52	2
18965	C17H32O2	5-heptadecenoic acid	---	7.32345	2392.8022	152.231	226.17	425.52	2
18966	C17H32O2	6-heptadecenoic acid	---	7.32345	2392.8022	152.231	226.17	425.52	2
18967	C17H32O2	7-heptadecenoic acid	---	7.32345	2392.8022	152.231	226.17	425.52	2
18968	C17H32O2	8-heptadecenoic acid	---	7.32345	2392.8022	152.231	226.17	425.52	2
18969	C17H32O2	9-heptadecenoic acid	10136-52-4	7.32345	2392.8022	152.231	226.17	425.52	2
18970	C17H32O2	10-heptadecenoic acid	---	7.32345	2392.8022	152.231	226.17	425.52	2
18971	C17H32O2	11-heptadecenoic acid	---	7.32345	2392.8022	152.231	226.17	425.52	2
18972	C17H32O2	12-heptadecenoic acid	---	7.32345	2392.8022	152.231	226.17	425.52	2
18973	C17H32O2	13-heptadecenoic acid	---	7.32345	2392.8022	152.231	226.17	425.52	2
18974	C17H32O2	14-heptadecenoic acid	---	7.32345	2392.8022	152.231	226.17	425.52	2
18975	C17H32O2	15-heptadecenoic acid	---	7.32345	2392.8022	152.231	226.17	425.52	2
18976	C17H32O2	16-heptadecenoic acid	---	7.32345	2392.8022	152.231	226.17	425.52	2
18977	C17H32O2	2-methyl-2-hexadecenoic acid	---	7.10564	2284.8846	154.455	219.77	427.86	2
18978	C17H32O2	3-methyl-2-hexadecenoic acid	---	7.10564	2284.8846	154.455	219.77	427.86	2
18979	C17H32O2	4-methyl-2-hexadecenoic acid	---	7.10564	2284.8846	154.455	219.77	427.86	2
18980	C17H32O2	5-methyl-2-hexadecenoic acid	---	7.10564	2284.8846	154.455	219.77	427.86	2
18981	C17H32O2	6-methyl-2-hexadecenoic acid	---	7.10564	2284.8846	154.455	219.77	427.86	2
18982	C17H32O2	7-methyl-2-hexadecenoic acid	---	7.10564	2284.8846	154.455	219.77	427.86	2
18983	C17H32O2	8-methyl-2-hexadecenoic acid	---	7.10564	2284.8846	154.455	219.77	427.86	2
18984	C17H32O2	9-methyl-2-hexadecenoic acid	---	7.10564	2284.8846	154.455	219.77	427.86	2
18985	C17H32O2	10-methyl-2-hexadecenoic acid	---	7.10564	2284.8846	154.455	219.77	427.86	2
18986	C17H32O2	11-methyl-2-hexadecenoic acid	---	7.10564	2284.8846	154.455	219.77	427.86	2
18987	C17H32O2	12-methyl-2-hexadecenoic acid	---	7.10564	2284.8846	154.455	219.77	427.86	2
18988	C17H32O2	13-methyl-2-hexadecenoic acid	---	7.10564	2284.8846	154.455	219.77	427.86	2
18989	C17H32O2	14-methyl-2-hexadecenoic acid	---	7.10564	2284.8846	154.455	219.77	427.86	2
18990	C17H32O2	15-methyl-2-hexadecenoic acid	---	7.10564	2284.8846	154.455	219.77	427.86	2
18991	C17H32O2	2-methyl-3-hexadecenoic acid	---	7.10564	2284.8846	154.455	219.77	427.86	2
18992	C17H32O2	3-methyl-3-hexadecenoic acid	---	7.10564	2284.8846	154.455	219.77	427.86	2
18993	C17H32O2	4-methyl-3-hexadecenoic acid	---	7.10564	2284.8846	154.455	219.77	427.86	2
18994	C17H32O2	5-methyl-3-hexadecenoic acid	---	7.10564	2284.8846	154.455	219.77	427.86	2
18995	C17H32O2	6-methyl-3-hexadecenoic acid	---	7.10564	2284.8846	154.455	219.77	427.86	2
18996	C17H32O2	7-methyl-3-hexadecenoic acid	---	7.10564	2284.8846	154.455	219.77	427.86	2
18997	C17H32O2	8-methyl-3-hexadecenoic acid	---	7.10564	2284.8846	154.455	219.77	427.86	2
18998	C17H32O2	9-methyl-3-hexadecenoic acid	---	7.10564	2284.8846	154.455	219.77	427.86	2
18999	C17H32O2	10-methyl-3-hexadecenoic acid	---	7.10564	2284.8846	154.455	219.77	427.86	2
19000	C17H32O2	11-methyl-3-hexadecenoic acid	---	7.10564	2284.8846	154.455	219.77	427.86	2
19001	C17H32O2	12-methyl-3-hexadecenoic acid	---	7.10564	2284.8846	154.455	219.77	427.86	2
19002	C17H32O2	13-methyl-3-hexadecenoic acid	---	7.10564	2284.8846	154.455	219.77	427.86	2
19003	C17H32O2	14-methyl-3-hexadecenoic acid	---	7.10564	2284.8846	154.455	219.77	427.86	2
19004	C17H32O2	15-methyl-3-hexadecenoic acid	---	7.10564	2284.8846	154.455	219.77	427.86	2
19005	C17H32O2	2-methyl-4-hexadecenoic acid	---	7.10564	2284.8846	154.455	219.77	427.86	2
19006	C17H32O2	3-methyl-4-hexadecenoic acid	---	7.10564	2284.8846	154.455	219.77	427.86	2
19007	C17H32O2	4-methyl-4-hexadecenoic acid	---	7.10564	2284.8846	154.455	219.77	427.86	2
19008	C17H32O2	5-methyl-4-hexadecenoic acid	---	7.10564	2284.8846	154.455	219.77	427.86	2
19009	C17H32O2	6-methyl-4-hexadecenoic acid	---	7.10564	2284.8846	154.455	219.77	427.86	2
19010	C17H32O2	7-methyl-4-hexadecenoic acid	---	7.10564	2284.8846	154.455	219.77	427.86	2
19011	C17H32O2	8-methyl-4-hexadecenoic acid	---	7.10564	2284.8846	154.455	219.77	427.86	2
19012	C17H32O2	9-methyl-4-hexadecenoic acid	---	7.10564	2284.8846	154.455	219.77	427.86	2
19013	C17H32O2	10-methyl-4-hexadecenoic acid	---	7.10564	2284.8846	154.455	219.77	427.86	2
19014	C17H32O2	11-methyl-4-hexadecenoic acid	---	7.10564	2284.8846	154.455	219.77	427.86	2
19015	C17H32O2	12-methyl-4-hexadecenoic acid	---	7.10564	2284.8846	154.455	219.77	427.86	2
19016	C17H32O2	13-methyl-4-hexadecenoic acid	---	7.10564	2284.8846	154.455	219.77	427.86	2
19017	C17H32O2	14-methyl-4-hexadecenoic acid	---	7.10564	2284.8846	154.455	219.77	427.86	2
19018	C17H32O2	15-methyl-4-hexadecenoic acid	---	7.10564	2284.8846	154.455	219.77	427.86	2
19019	C17H32O2	2,3-dimethyl-2-pentadecenoic acid	---	6.90394	2184.7497	156.679	213.37	430.29	2
19020	C17H32O2	2,4-dimethyl-2-pentadecenoic acid	---	6.90394	2184.7497	156.679	213.37	430.29	2
19021	C17H32O2	2,5-dimethyl-2-pentadecenoic acid	---	6.90394	2184.7497	156.679	213.37	430.29	2
19022	C17H32O2	2,6-dimethyl-2-pentadecenoic acid	---	6.90394	2184.7497	156.679	213.37	430.29	2
19023	C17H32O2	2,7-dimethyl-2-pentadecenoic acid	---	6.90394	2184.7497	156.679	213.37	430.29	2
19024	C17H32O2	2,8-dimethyl-2-pentadecenoic acid	---	6.90394	2184.7497	156.679	213.37	430.29	2
19025	C17H32O2	2,9-dimethyl-2-pentadecenoic acid	---	6.90394	2184.7497	156.679	213.37	430.29	2
19026	C17H32O2	2,10-dimethyl-2-pentadecenoic acid	---	6.90394	2184.7497	156.679	213.37	430.29	2
19027	C17H32O2	2,11-dimethyl-2-pentadecenoic acid	---	6.90394	2184.7497	156.679	213.37	430.29	2
19028	C17H32O2	2,12-dimethyl-2-pentadecenoic acid	---	6.90394	2184.7497	156.679	213.37	430.29	2
19029	C17H32O2	2,13-dimethyl-2-pentadecenoic acid	---	6.90394	2184.7497	156.679	213.37	430.29	2
19030	C17H32O2	2,14-dimethyl-2-pentadecenoic acid	---	6.90394	2184.7497	156.679	213.37	430.29	2
19031	C17H32O2	2-ethyl-2-pentadecenoic acid	---	7.00289	2233.8993	155.567	216.57	429.06	2
19032	C17H32O2	3-ethyl-2-pentadecenoic acid	---	7.00289	2233.8993	155.567	216.57	429.06	2
19033	C17H32O2	4-ethyl-2-pentadecenoic acid	---	7.00289	2233.8993	155.567	216.57	429.06	2
19034	C17H32O2	5-ethyl-2-pentadecenoic acid	---	7.00289	2233.8993	155.567	216.57	429.06	2
19035	C17H32O2	6-ethyl-2-pentadecenoic acid	---	7.00289	2233.8993	155.567	216.57	429.06	2
19036	C17H32O2	7-ethyl-2-pentadecenoic acid	---	7.00289	2233.8993	155.567	216.57	429.06	2
19037	C17H32O2	8-ethyl-2-pentadecenoic acid	---	7.00289	2233.8993	155.567	216.57	429.06	2
19038	C17H32O2	9-ethyl-2-pentadecenoic acid	---	7.00289	2233.8993	155.567	216.57	429.06	2
19039	C17H32O2	10-ethyl-2-pentadecenoic acid	---	7.00289	2233.8993	155.567	216.57	429.06	2
19040	C17H32O2	11-ethyl-2-pentadecenoic acid	---	7.00289	2233.8993	155.567	216.57	429.06	2

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mm Hg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
19041	C17H32O2	12-ethyl-2-pentadecenoic acid	---	7.00289	2233.8993	155.567	216.57	429.06	2
19042	C17H32O2	13-ethyl-2-pentadecenoic acid	---	7.00289	2233.8993	155.567	216.57	429.06	2
19043	C17H32O2	14-ethyl-2-pentadecenoic acid	---	7.00289	2233.8993	155.567	216.57	429.06	2
19044	C17H33Br	1-bromo-1-heptadecene	---	7.76000	2450.9609	159.598	202.97	375.76	2
19045	C17H33Br	cis-1-bromo-1-heptadecene	66563-89-1	7.64120	2391.2865	159.598	200.47	376.64	2
19046	C17H33Br	trans-1-bromo-1-heptadecene	66563-90-4	7.64120	2391.2865	159.598	200.47	376.64	2
19047	C17H33Br	2-bromo-1-heptadecene	---	7.76700	2454.2048	159.543	203.13	375.71	2
19048	C17H33Br	3-bromo-1-heptadecene	---	7.77401	2457.4561	159.487	203.29	375.65	2
19049	C17H33Br	4-bromo-1-heptadecene	---	7.78104	2460.7146	159.432	203.45	375.60	2
19050	C17H33Br	5-bromo-1-heptadecene	---	7.78809	2463.9806	159.376	203.61	375.55	2
19051	C17H33Br	6-bromo-1-heptadecene	---	7.79515	2467.2538	159.320	203.77	375.49	2
19052	C17H33Br	7-bromo-1-heptadecene	---	7.80223	2470.5345	159.265	203.93	375.44	2
19053	C17H33Br	8-bromo-1-heptadecene	---	7.80933	2473.8226	159.209	204.09	375.38	2
19054	C17H33Br	9-bromo-1-heptadecene	---	7.81644	2477.1181	159.154	204.25	375.33	2
19055	C17H33Br	10-bromo-1-heptadecene	---	7.82357	2480.4211	159.098	204.41	375.28	2
19056	C17H33Br	11-bromo-1-heptadecene	---	7.83071	2483.7315	159.042	204.57	375.22	2
19057	C17H33Br	12-bromo-1-heptadecene	---	7.83788	2487.0495	158.987	204.73	375.17	2
19058	C17H33Br	13-bromo-1-heptadecene	---	7.84505	2490.3751	158.931	204.89	375.12	2
19059	C17H33Br	14-bromo-1-heptadecene	---	7.85225	2493.7082	158.876	205.05	375.06	2
19060	C17H33Br	15-bromo-1-heptadecene	---	7.85946	2497.0489	158.820	205.21	375.01	2
19061	C17H33Br	16-bromo-1-heptadecene	---	7.86669	2500.3972	158.764	205.37	374.96	2
19062	C17H33Br	17-bromo-1-heptadecene	---	7.87394	2503.7532	158.709	205.53	374.90	2
19063	C17H33Br	2-bromo-2-heptadecene	---	7.88120	2507.1168	158.653	205.69	374.85	2
19064	C17H33Br	3-bromo-2-heptadecene	---	7.88848	2510.4882	158.598	205.85	374.80	2
19065	C17H33Br	4-bromo-2-heptadecene	---	7.89577	2513.8673	158.542	206.01	374.74	2
19066	C17H33Br	5-bromo-2-heptadecene	---	7.90309	2517.2541	158.486	206.17	374.69	2
19067	C17H33Br	6-bromo-2-heptadecene	---	7.91042	2520.6488	158.431	206.33	374.64	2
19068	C17H33Br	7-bromo-2-heptadecene	---	7.91777	2524.0512	158.375	206.49	374.58	2
19069	C17H33Br	8-bromo-2-heptadecene	---	7.92513	2527.4615	158.320	206.65	374.53	2
19070	C17H33Br	9-bromo-2-heptadecene	---	7.93251	2530.8797	158.264	206.81	374.48	2
19071	C17H33Br	10-bromo-2-heptadecene	---	7.93991	2534.3057	158.208	206.97	374.42	2
19072	C17H33Br	11-bromo-2-heptadecene	---	7.94733	2537.7397	158.153	207.13	374.37	2
19073	C17H33Br	12-bromo-2-heptadecene	---	7.95477	2541.1816	158.097	207.29	374.32	2
19074	C17H33Br	13-bromo-2-heptadecene	---	7.96222	2544.6315	158.042	207.45	374.27	2
19075	C17H33Br	14-bromo-2-heptadecene	---	7.96969	2548.0894	157.986	207.61	374.21	2
19076	C17H33Br	15-bromo-2-heptadecene	---	7.97718	2551.5554	157.930	207.77	374.16	2
19077	C17H33Br	16-bromo-2-heptadecene	---	7.98468	2555.0294	157.875	207.93	374.11	2
19078	C17H33Br	17-bromo-2-heptadecene	---	7.99221	2558.5115	157.819	208.09	374.06	2
19079	C17H33Br3	1,1,1-tribromoheptadecane	62127-73-5	7.96565	2711.7291	144.030	245.27	422.83	3
19080	C17H33Cl	1-chloro-1-heptadecene	---	6.75406	2065.7203	160.432	198.57	417.84	3
19081	C17H33Cl	cis-1-chloro-1-heptadecene	66563-91-5	6.75406	2065.7203	160.432	198.57	417.84	3
19082	C17H33Cl	trans-1-chloro-1-heptadecene	66563-92-6	6.75406	2065.7203	160.432	198.57	417.84	3
19083	C17H33Cl	2-chloro-1-heptadecene	---	6.76344	2070.2911	160.321	198.89	417.71	3
19084	C17H33Cl	3-chloro-1-heptadecene	---	6.76814	2072.5826	160.266	199.05	417.65	3
19085	C17H33Cl	4-chloro-1-heptadecene	---	6.77285	2074.8782	160.210	199.21	417.59	3
19086	C17H33Cl	5-chloro-1-heptadecene	---	6.77757	2077.1779	160.154	199.37	417.52	3
19087	C17H33Cl	6-chloro-1-heptadecene	---	6.78230	2079.4817	160.099	199.53	417.46	3
19088	C17H33Cl	7-chloro-1-heptadecene	---	6.78704	2081.7897	160.043	199.69	417.40	3
19089	C17H33Cl	8-chloro-1-heptadecene	---	6.79179	2084.1017	159.988	199.85	417.34	3
19090	C17H33Cl	9-chloro-1-heptadecene	---	6.79654	2086.4180	159.932	200.01	417.27	3
19091	C17H33Cl	10-chloro-1-heptadecene	---	6.80131	2088.7384	159.876	200.17	417.21	3
19092	C17H33Cl	11-chloro-1-heptadecene	---	6.80608	2091.0630	159.821	200.33	417.15	3
19093	C17H33Cl	12-chloro-1-heptadecene	---	6.81086	2093.3918	159.765	200.49	417.08	3
19094	C17H33Cl	13-chloro-1-heptadecene	---	6.81565	2095.7247	159.710	200.65	417.02	3
19095	C17H33Cl	14-chloro-1-heptadecene	---	6.82045	2098.0619	159.654	200.81	416.96	3
19096	C17H33Cl	15-chloro-1-heptadecene	---	6.82526	2100.4033	159.598	200.97	416.89	3
19097	C17H33Cl	16-chloro-1-heptadecene	---	6.83008	2102.7490	159.543	201.13	416.83	3
19098	C17H33Cl	17-chloro-1-heptadecene	---	6.83490	2105.0989	159.487	201.29	416.77	3
19099	C17H33Cl	1-chloro-2-heptadecene	---	6.83974	2107.4530	159.432	201.45	416.71	3
19100	C17H33Cl	2-chloro-2-heptadecene	---	6.84458	2109.8114	159.376	201.61	416.64	3
19101	C17H33Cl	3-chloro-2-heptadecene	---	6.84943	2112.1741	159.320	201.77	416.58	3
19102	C17H33Cl	4-chloro-2-heptadecene	---	6.85430	2114.5411	159.265	201.93	416.52	3
19103	C17H33Cl	5-chloro-2-heptadecene	---	6.85917	2116.9124	159.209	202.09	416.46	3
19104	C17H33Cl	6-chloro-2-heptadecene	---	6.86405	2119.2881	159.154	202.25	416.39	3
19105	C17H33Cl	7-chloro-2-heptadecene	---	6.86894	2121.6680	159.098	202.41	416.33	3
19106	C17H33Cl	8-chloro-2-heptadecene	---	6.87384	2124.0523	159.042	202.57	416.27	3
19107	C17H33Cl	9-chloro-2-heptadecene	---	6.87875	2126.4409	158.987	202.73	416.21	3
19108	C17H33Cl	10-chloro-2-heptadecene	---	6.88366	2128.8340	158.931	202.89	416.15	3
19109	C17H33Cl	11-chloro-2-heptadecene	---	6.88859	2131.2314	158.876	203.05	416.08	3
19110	C17H33Cl	12-chloro-2-heptadecene	---	6.89353	2133.6332	158.820	203.21	416.02	3
19111	C17H33Cl	13-chloro-2-heptadecene	---	6.89847	2136.0394	158.764	203.37	415.96	3
19112	C17H33Cl	14-chloro-2-heptadecene	---	6.90343	2138.4500	158.709	203.53	415.90	3
19113	C17H33Cl	15-chloro-2-heptadecene	---	6.90839	2140.8650	158.653	203.69	415.84	3
19114	C17H33Cl	16-chloro-2-heptadecene	---	6.91337	2143.2845	158.598	203.85	415.78	3
19115	C17H33Cl	17-chloro-2-heptadecene	---	6.91835	2145.7084	158.542	204.01	415.71	3
19116	C17H33Cl3	1,1,1-trichloroheptadecane	62108-61-6	7.09061	2266.1581	153.204	218.87	426.56	3
19117	C17H33F	1-fluoro-1-heptadecene	---	6.31734	1805.5353	172.386	167.17	403.45	3
19118	C17H33F	cis-1-fluoro-1-heptadecene	66577-63-7	6.31734	1805.5353	172.386	167.17	403.45	3
19119	C17H33F	trans-1-fluoro-1-heptadecene	66577-51-3	6.31734	1805.5353	172.386	167.17	403.45	3
19120	C17H33F	2-fluoro-1-heptadecene	---	6.32136	1807.4554	172.331	167.33	403.38	3

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mm Hg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
19121	C17H33F	3-fluoro-1-heptadecene	---	6.32538	1809.3788	172.275	167.49	403.31	3
19122	C17H33F	4-fluoro-1-heptadecene	---	6.32941	1811.3053	172.220	167.65	403.24	3
19123	C17H33F	5-fluoro-1-heptadecene	---	6.33345	1813.2351	172.164	167.81	403.17	3
19124	C17H33F	6-fluoro-1-heptadecene	---	6.33750	1815.1680	172.108	167.97	403.10	3
19125	C17H33F	7-fluoro-1-heptadecene	---	6.34155	1817.1042	172.053	168.13	403.03	3
19126	C17H33F	8-fluoro-1-heptadecene	---	6.34561	1819.0437	171.997	168.29	402.96	3
19127	C17H33F	9-fluoro-1-heptadecene	---	6.34968	1820.9863	171.942	168.45	402.89	3
19128	C17H33F	10-fluoro-1-heptadecene	---	6.35376	1822.9323	171.886	168.61	402.82	3
19129	C17H33F	11-fluoro-1-heptadecene	---	6.35784	1824.8815	171.830	168.77	402.76	3
19130	C17H33F	12-fluoro-1-heptadecene	---	6.36193	1826.8339	171.775	168.93	402.69	3
19131	C17H33F	13-fluoro-1-heptadecene	---	6.36602	1828.7897	171.719	169.09	402.62	3
19132	C17H33F	14-fluoro-1-heptadecene	---	6.37013	1830.7487	171.664	169.25	402.55	3
19133	C17H33F	15-fluoro-1-heptadecene	---	6.37424	1832.7110	171.608	169.41	402.48	3
19134	C17H33F	16-fluoro-1-heptadecene	---	6.37835	1834.6766	171.552	169.57	402.41	3
19135	C17H33F	17-fluoro-1-heptadecene	---	6.38248	1836.6456	171.497	169.73	402.34	3
19136	C17H33F	2-fluoro-2-heptadecene	---	6.38661	1838.6178	171.441	169.89	402.27	3
19137	C17H33F	3-fluoro-2-heptadecene	---	6.39075	1840.5934	171.386	170.05	402.20	3
19138	C17H33F	4-fluoro-2-heptadecene	---	6.39490	1842.5724	171.330	170.21	402.13	3
19139	C17H33F	5-fluoro-2-heptadecene	---	6.39905	1844.5546	171.274	170.37	402.07	3
19140	C17H33F	6-fluoro-2-heptadecene	---	6.40321	1846.5403	171.219	170.53	402.00	3
19141	C17H33F	7-fluoro-2-heptadecene	---	6.40738	1848.5293	171.163	170.69	401.93	3
19142	C17H33F	8-fluoro-2-heptadecene	---	6.41155	1850.5216	171.108	170.85	401.86	3
19143	C17H33F	9-fluoro-2-heptadecene	---	6.41574	1852.5174	171.052	171.01	401.79	3
19144	C17H33F	10-fluoro-2-heptadecene	---	6.41993	1854.5166	170.996	171.17	401.72	3
19145	C17H33F	11-fluoro-2-heptadecene	---	6.42413	1856.5191	170.941	171.33	401.66	3
19146	C17H33F	12-fluoro-2-heptadecene	---	6.42833	1858.5251	170.885	171.49	401.59	3
19147	C17H33F	13-fluoro-2-heptadecene	---	6.43254	1860.5344	170.830	171.65	401.52	3
19148	C17H33F	14-fluoro-2-heptadecene	---	6.43676	1862.5472	170.774	171.81	401.45	3
19149	C17H33F	15-fluoro-2-heptadecene	---	6.44099	1864.5635	170.718	171.97	401.38	3
19150	C17H33F	16-fluoro-2-heptadecene	---	6.44522	1866.5832	170.663	172.13	401.32	3
19151	C17H33F	17-fluoro-2-heptadecene	---	6.44947	1868.6063	170.607	172.29	401.25	3
19152	C17H33F3	1,1,1-trifluoroheptadecane	62126-84-5	6.96578	2017.9155	176.278	161.97	357.01	3
19153	C17H33I	1-iodo-1-heptadecene	---	9.00594	2977.2209	155.706	216.17	355.48	3
19154	C17H33I	cis-1-iodo-1-heptadecene	66577-52-4	9.00594	2977.2209	155.706	216.17	355.48	3
19155	C17H33I	trans-1-iodo-1-heptadecene	66577-53-5	9.00594	2977.2209	155.706	216.17	355.48	3
19156	C17H33I	2-iodo-1-heptadecene	---	9.01110	2979.5559	155.679	216.25	355.46	3
19157	C17H33I	3-iodo-1-heptadecene	---	9.01626	2981.8942	155.651	216.33	355.44	3
19158	C17H33I	4-iodo-1-heptadecene	---	9.02143	2984.2357	155.623	216.41	355.41	3
19159	C17H33I	5-iodo-1-heptadecene	---	9.02661	2986.5805	155.595	216.49	355.39	3
19160	C17H33I	6-iodo-1-heptadecene	---	9.03179	2988.9284	155.567	216.57	355.37	3
19161	C17H33I	7-iodo-1-heptadecene	---	9.03698	2991.2797	155.540	216.65	355.34	3
19162	C17H33I	8-iodo-1-heptadecene	---	9.04218	2993.6342	155.512	216.73	355.32	3
19163	C17H33I	9-iodo-1-heptadecene	---	9.04738	2995.9920	155.484	216.81	355.29	3
19164	C17H33I	10-iodo-1-heptadecene	---	9.05260	2998.3531	155.456	216.89	355.27	3
19165	C17H33I	11-iodo-1-heptadecene	---	9.05782	3000.7174	155.428	216.97	355.25	3
19166	C17H33I	12-iodo-1-heptadecene	---	9.06304	3003.0850	155.401	217.05	355.22	3
19167	C17H33I	13-iodo-1-heptadecene	---	9.06828	3005.4560	155.373	217.13	355.20	3
19168	C17H33I	14-iodo-1-heptadecene	---	9.07352	3007.8302	155.345	217.21	355.18	3
19169	C17H33I	15-iodo-1-heptadecene	---	9.07877	3010.2078	155.317	217.29	355.15	3
19170	C17H33I	16-iodo-1-heptadecene	---	9.08403	3012.5886	155.289	217.37	355.13	3
19171	C17H33I	17-iodo-1-heptadecene	---	9.08929	3014.9728	155.262	217.45	355.11	3
19172	C17H33I	2-iodo-2-heptadecene	---	9.09457	3017.3603	155.234	217.53	355.08	3
19173	C17H33I	3-iodo-2-heptadecene	---	9.09985	3019.7512	155.206	217.61	355.06	3
19174	C17H33I	4-iodo-2-heptadecene	---	9.10513	3022.1454	155.178	217.69	355.04	3
19175	C17H33I	5-iodo-2-heptadecene	---	9.11043	3024.5430	155.150	217.77	355.01	3
19176	C17H33I	6-iodo-2-heptadecene	---	9.11573	3026.9439	155.123	217.85	354.99	3
19177	C17H33I	7-iodo-2-heptadecene	---	9.12104	3029.3482	155.095	217.93	354.97	3
19178	C17H33I	8-iodo-2-heptadecene	---	9.12636	3031.7559	155.067	218.01	354.94	3
19179	C17H33I	9-iodo-2-heptadecene	---	9.13168	3034.1669	155.039	218.09	354.92	3
19180	C17H33I	10-iodo-2-heptadecene	---	9.13701	3036.5814	155.011	218.17	354.90	3
19181	C17H33I	11-iodo-2-heptadecene	---	9.14235	3038.9992	154.984	218.25	354.87	3
19182	C17H33I	12-iodo-2-heptadecene	---	9.14770	3041.4204	154.956	218.33	354.85	3
19183	C17H33I	13-iodo-2-heptadecene	---	9.15306	3043.8451	154.928	218.41	354.83	3
19184	C17H33I	14-iodo-2-heptadecene	---	9.15842	3046.2732	154.900	218.49	354.80	3
19185	C17H33I	15-iodo-2-heptadecene	---	9.16379	3048.7047	154.872	218.57	354.78	3
19186	C17H33I	16-iodo-2-heptadecene	---	9.16917	3051.1396	154.845	218.65	354.76	3
19187	C17H33I	17-iodo-2-heptadecene	---	9.17455	3053.5780	154.817	218.73	354.73	3
19188	C17H33N	heptadecanenitrile	5399-02-0	7.03863	2156.4695	159.042	198.07	400.09	2
19189	C17H34	dodecylcyclopentane	5634-30-0	7.87164	2324.1885	169.631	168.60	325.95	2
19190	C17H34	undecylcyclohexane	54105-66-7	7.55273	2175.4451	164.793	167.20	332.92	1,2
19191	C17H34	cycloheptadecane	295-97-6	6.71143	1898.4197	179.530	152.86	358.33	3
19192	C17H34	1-heptadecene	6765-39-5	7.67973	2232.3639	174.120	160.08	322.19	2
19193	C17H34	2-heptadecene	---	8.45885	2568.0686	169.328	174.97	317.32	2
19194	C17H34	3-heptadecene	---	7.97934	2362.8995	172.386	166.17	320.14	2
19195	C17H34	4-heptadecene	---	8.02012	2380.3708	172.108	166.97	319.88	2
19196	C17H34	5-heptadecene	---	8.06143	2398.0644	171.830	167.77	319.62	2
19197	C17H34	6-heptadecene	---	8.10328	2415.9846	171.552	168.57	319.36	2
19198	C17H34	7-heptadecene	---	8.14568	2434.1360	171.274	169.37	319.10	2
19199	C17H34	8-heptadecene	---	8.18864	2452.5231	170.996	170.17	318.84	2
19200	C17H34	2-methyl-1-hexadecene	61868-19-7	7.59525	2230.2174	182.000	156.15	323.33	2

Table 1 Vapor Pressure – Organic Compounds

log ₁₀ P = A - B/(T + C) (P - mm Hg, T - C)									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
19201	C17H34	3-methyl-1-hexadecene	---	7.89932	2328.6070	172.942	164.57	320.67	2
19202	C17H34	4-methyl-1-hexadecene	---	7.89932	2328.6070	172.942	164.57	320.67	2
19203	C17H34	5-methyl-1-hexadecene	---	7.89932	2328.6070	172.942	164.57	320.67	2
19204	C17H34	6-methyl-1-hexadecene	---	7.89932	2328.6070	172.942	164.57	320.67	2
19205	C17H34	7-methyl-1-hexadecene	---	7.89932	2328.6070	172.942	164.57	320.67	2
19206	C17H34	8-methyl-1-hexadecene	---	7.89932	2328.6070	172.942	164.57	320.67	2
19207	C17H34	9-methyl-1-hexadecene	---	7.89932	2328.6070	172.942	164.57	320.67	2
19208	C17H34	10-methyl-1-hexadecene	---	7.89932	2328.6070	172.942	164.57	320.67	2
19209	C17H34	11-methyl-1-hexadecene	---	7.89932	2328.6070	172.942	164.57	320.67	2
19210	C17H34	12-methyl-1-hexadecene	---	7.89932	2328.6070	172.942	164.57	320.67	2
19211	C17H34	13-methyl-1-hexadecene	---	7.89932	2328.6070	172.942	164.57	320.67	2
19212	C17H34	14-methyl-1-hexadecene	---	7.89932	2328.6070	172.942	164.57	320.67	2
19213	C17H34	15-methyl-1-hexadecene	---	7.89932	2328.6070	172.942	164.57	320.67	2
19214	C17H34	3-methyl-2-hexadecene	---	7.89932	2328.6070	172.942	164.57	320.67	2
19215	C17H34	4-methyl-2-hexadecene	---	7.89932	2328.6070	172.942	164.57	320.67	2
19216	C17H34	5-methyl-2-hexadecene	---	7.89932	2328.6070	172.942	164.57	320.67	2
19217	C17H34	6-methyl-2-hexadecene	---	7.89932	2328.6070	172.942	164.57	320.67	2
19218	C17H34	7-methyl-2-hexadecene	---	7.89932	2328.6070	172.942	164.57	320.67	2
19219	C17H34	8-methyl-2-hexadecene	---	7.89932	2328.6070	172.942	164.57	320.67	2
19220	C17H34	9-methyl-2-hexadecene	---	7.89932	2328.6070	172.942	164.57	320.67	2
19221	C17H34	10-methyl-2-hexadecene	---	7.89932	2328.6070	172.942	164.57	320.67	2
19222	C17H34	11-methyl-2-hexadecene	---	7.89932	2328.6070	172.942	164.57	320.67	2
19223	C17H34	12-methyl-2-hexadecene	---	7.89932	2328.6070	172.942	164.57	320.67	2
19224	C17H34	13-methyl-2-hexadecene	---	7.89932	2328.6070	172.942	164.57	320.67	2
19225	C17H34	14-methyl-2-hexadecene	---	7.89932	2328.6070	172.942	164.57	320.67	2
19226	C17H34	15-methyl-2-hexadecene	---	7.89932	2328.6070	172.942	164.57	320.67	2
19227	C17H34	4-methyl-3-hexadecene	---	7.89932	2328.6070	172.942	164.57	320.67	2
19228	C17H34	5-methyl-3-hexadecene	---	7.89932	2328.6070	172.942	164.57	320.67	2
19229	C17H34	6-methyl-3-hexadecene	---	7.89932	2328.6070	172.942	164.57	320.67	2
19230	C17H34	7-methyl-3-hexadecene	---	7.89932	2328.6070	172.942	164.57	320.67	2
19231	C17H34	8-methyl-3-hexadecene	---	7.89932	2328.6070	172.942	164.57	320.67	2
19232	C17H34	9-methyl-3-hexadecene	---	7.89932	2328.6070	172.942	164.57	320.67	2
19233	C17H34	10-methyl-3-hexadecene	---	7.89932	2328.6070	172.942	164.57	320.67	2
19234	C17H34	11-methyl-3-hexadecene	---	7.89932	2328.6070	172.942	164.57	320.67	2
19235	C17H34	12-methyl-3-hexadecene	---	7.89932	2328.6070	172.942	164.57	320.67	2
19236	C17H34	13-methyl-3-hexadecene	---	7.89932	2328.6070	172.942	164.57	320.67	2
19237	C17H34	14-methyl-3-hexadecene	---	7.89932	2328.6070	172.942	164.57	320.67	2
19238	C17H34	15-methyl-3-hexadecene	---	7.89932	2328.6070	172.942	164.57	320.67	2
19239	C17H34	2,3-dimethyl-1-pentadecene	---	7.63454	2214.9952	174.888	158.97	322.56	2
19240	C17H34	3,3-dimethyl-1-pentadecene	---	7.63454	2214.9952	174.888	158.97	322.56	2
19241	C17H34	3,4-dimethyl-1-pentadecene	---	7.63454	2214.9952	174.888	158.97	322.56	2
19242	C17H34	3,5-dimethyl-1-pentadecene	---	7.63454	2214.9952	174.888	158.97	322.56	2
19243	C17H34	3,6-dimethyl-1-pentadecene	---	7.63454	2214.9952	174.888	158.97	322.56	2
19244	C17H34	3,7-dimethyl-1-pentadecene	---	7.63454	2214.9952	174.888	158.97	322.56	2
19245	C17H34	3,8-dimethyl-1-pentadecene	---	7.63454	2214.9952	174.888	158.97	322.56	2
19246	C17H34	3,9-dimethyl-1-pentadecene	---	7.63454	2214.9952	174.888	158.97	322.56	2
19247	C17H34	3,10-dimethyl-1-pentadecene	---	7.63454	2214.9952	174.888	158.97	322.56	2
19248	C17H34	3,11-dimethyl-1-pentadecene	---	7.63454	2214.9952	174.888	158.97	322.56	2
19249	C17H34	3,12-dimethyl-1-pentadecene	---	7.63454	2214.9952	174.888	158.97	322.56	2
19250	C17H34	3,13-dimethyl-1-pentadecene	---	7.63454	2214.9952	174.888	158.97	322.56	2
19251	C17H34	3,14-dimethyl-1-pentadecene	---	7.63454	2214.9952	174.888	158.97	322.56	2
19252	C17H34	3,4-dimethyl-2-pentadecene	---	7.63454	2214.9952	174.888	158.97	322.56	2
19253	C17H34	4,4-dimethyl-2-pentadecene	---	7.63454	2214.9952	174.888	158.97	322.56	2
19254	C17H34	4,5-dimethyl-2-pentadecene	---	7.63454	2214.9952	174.888	158.97	322.56	2
19255	C17H34	4,6-dimethyl-2-pentadecene	---	7.63454	2214.9952	174.888	158.97	322.56	2
19256	C17H34	4,7-dimethyl-2-pentadecene	---	7.63454	2214.9952	174.888	158.97	322.56	2
19257	C17H34	4,8-dimethyl-2-pentadecene	---	7.63454	2214.9952	174.888	158.97	322.56	2
19258	C17H34	4,9-dimethyl-2-pentadecene	---	7.63454	2214.9952	174.888	158.97	322.56	2
19259	C17H34	4,10-dimethyl-2-pentadecene	---	7.63454	2214.9952	174.888	158.97	322.56	2
19260	C17H34	4,11-dimethyl-2-pentadecene	---	7.63454	2214.9952	174.888	158.97	322.56	2
19261	C17H34	4,12-dimethyl-2-pentadecene	---	7.63454	2214.9952	174.888	158.97	322.56	2
19262	C17H34	4,13-dimethyl-2-pentadecene	---	7.63454	2214.9952	174.888	158.97	322.56	2
19263	C17H34	4,14-dimethyl-2-pentadecene	---	7.63454	2214.9952	174.888	158.97	322.56	2
19264	C17H34	2-ethyl-1-pentadecene	---	7.89932	2328.6070	172.942	164.57	320.67	2
19265	C17H34	3-ethyl-1-pentadecene	---	7.89932	2328.6070	172.942	164.57	320.67	2
19266	C17H34	4-ethyl-1-pentadecene	---	7.89932	2328.6070	172.942	164.57	320.67	2
19267	C17H34	5-ethyl-1-pentadecene	---	7.89932	2328.6070	172.942	164.57	320.67	2
19268	C17H34	6-ethyl-1-pentadecene	---	7.89932	2328.6070	172.942	164.57	320.67	2
19269	C17H34	7-ethyl-1-pentadecene	---	7.89932	2328.6070	172.942	164.57	320.67	2
19270	C17H34	8-ethyl-1-pentadecene	---	7.89932	2328.6070	172.942	164.57	320.67	2
19271	C17H34	9-ethyl-1-pentadecene	---	7.89932	2328.6070	172.942	164.57	320.67	2
19272	C17H34	10-ethyl-1-pentadecene	---	7.89932	2328.6070	172.942	164.57	320.67	2
19273	C17H34	11-ethyl-1-pentadecene	---	7.89932	2328.6070	172.942	164.57	320.67	2
19274	C17H34	12-ethyl-1-pentadecene	---	7.89932	2328.6070	172.942	164.57	320.67	2
19275	C17H34	13-ethyl-1-pentadecene	---	7.89932	2328.6070	172.942	164.57	320.67	2
19276	C17H34	14-ethyl-1-pentadecene	---	7.89932	2328.6070	172.942	164.57	320.67	2
19277	C17H34Br2	1,1-dibromoheptadecane	62168-34-7	7.92021	2631.8682	150.146	230.17	405.29	3
19278	C17H34Br2	1,2-dibromoheptadecane	---	7.95573	2649.0077	149.868	230.97	405.03	3
19279	C17H34Br2	1,3-dibromoheptadecane	---	7.99165	2666.3387	149.590	231.77	404.76	3
19280	C17H34Br2	1,4-dibromoheptadecane	---	8.02799	2683.8645	149.312	232.57	404.50	3

Table 1 Vapor Pressure – Organic Compounds

log ₁₀ P = A - B/(T + C) (P - mm Hg, T - C)									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
19281	C17H34Br2	1,5-dibromoheptadecane	---	8.06474	2701.5885	149.034	233.37	404.24	3
19282	C17H34Br2	1,6-dibromoheptadecane	---	8.10193	2719.5142	148.756	234.17	403.98	3
19283	C17H34Br2	1,7-dibromoheptadecane	---	8.13954	2737.6449	148.478	234.97	403.72	3
19284	C17H34Br2	1,8-dibromoheptadecane	---	8.17760	2755.9845	148.200	235.77	403.47	3
19285	C17H34Br2	1,9-dibromoheptadecane	---	8.21610	2774.5365	147.922	236.57	403.21	3
19286	C17H34Br2	1,10-dibromoheptadecane	---	8.25507	2793.3048	147.644	237.37	402.95	3
19287	C17H34Br2	1,11-dibromoheptadecane	---	8.29450	2812.2931	147.366	238.17	402.70	3
19288	C17H34Br2	1,12-dibromoheptadecane	---	8.33440	2831.5056	147.088	238.97	402.45	3
19289	C17H34Br2	1,13-dibromoheptadecane	---	8.37478	2850.9462	146.810	239.77	402.19	3
19290	C17H34Br2	1,14-dibromoheptadecane	---	8.41566	2870.6191	146.532	240.57	401.94	3
19291	C17H34Br2	1,15-dibromoheptadecane	---	8.45704	2890.5286	146.254	241.37	401.69	3
19292	C17H34Br2	1,16-dibromoheptadecane	45223-18-5	8.49892	2910.6791	145.976	242.17	401.44	3
19293	C17H34Br2	1,17-dibromoheptadecane	81726-82-1	8.54133	2931.0750	145.698	242.97	401.20	3
19294	C17H34Br2	2,2-dibromoheptadecane	---	7.58586	2470.3318	152.926	222.17	408.00	3
19295	C17H34Br2	2,3-dibromoheptadecane	---	7.61768	2485.7221	152.648	222.97	407.72	3
19296	C17H34Br2	2,4-dibromoheptadecane	---	7.64985	2501.2747	152.370	223.77	407.45	3
19297	C17H34Br2	2,5-dibromoheptadecane	---	7.68236	2516.9922	152.092	224.57	407.18	3
19298	C17H34Br2	2,6-dibromoheptadecane	---	7.71523	2532.8774	151.814	225.37	406.90	3
19299	C17H34Br2	2,7-dibromoheptadecane	---	7.74845	2548.9331	151.536	226.17	406.63	3
19300	C17H34Br2	2,8-dibromoheptadecane	---	7.78205	2565.1619	151.258	226.97	406.36	3
19301	C17H34Br2	2,9-dibromoheptadecane	---	7.81601	2581.5669	150.980	227.77	406.09	3
19302	C17H34Br2	2,10-dibromoheptadecane	---	7.85036	2598.1509	150.702	228.57	405.82	3
19303	C17H34Br2	2,11-dibromoheptadecane	---	7.88509	2614.9169	150.424	229.37	405.56	3
19304	C17H34Br2	2,12-dibromoheptadecane	---	7.92021	2631.8682	150.146	230.17	405.29	3
19305	C17H34Br2	2,13-dibromoheptadecane	---	7.95573	2649.0077	149.868	230.97	405.03	3
19306	C17H34Br2	2,14-dibromoheptadecane	---	7.99165	2666.3387	149.590	231.77	404.76	3
19307	C17H34Br2	2,15-dibromoheptadecane	---	8.02799	2683.8645	149.312	232.57	404.50	3
19308	C17H34Br2	2,16-dibromoheptadecane	---	8.06474	2701.5885	149.034	233.37	404.24	3
19309	C17H34Cl2	1,1-dichloroheptadecane	62046-36-0	6.84011	2151.2115	159.181	209.17	428.86	3
19310	C17H34Cl2	1,2-dichloroheptadecane	---	6.70030	2074.1862	158.903	204.97	430.61	3
19311	C17H34Cl2	1,3-dichloroheptadecane	---	6.72293	2085.4093	158.625	205.77	430.29	3
19312	C17H34Cl2	1,4-dichloroheptadecane	---	6.74577	2096.7304	158.347	206.57	429.97	3
19313	C17H34Cl2	1,5-dichloroheptadecane	---	6.76881	2108.1509	158.069	207.37	429.66	3
19314	C17H34Cl2	1,6-dichloroheptadecane	---	6.79207	2119.6722	157.791	208.17	429.34	3
19315	C17H34Cl2	1,7-dichloroheptadecane	---	6.81553	2131.2955	157.513	208.97	429.02	3
19316	C17H34Cl2	1,8-dichloroheptadecane	---	6.83921	2143.0224	157.235	209.77	428.71	3
19317	C17H34Cl2	1,9-dichloroheptadecane	---	6.86311	2154.8542	156.957	210.57	428.40	3
19318	C17H34Cl2	1,10-dichloroheptadecane	---	6.88723	2166.7924	156.679	211.37	428.09	3
19319	C17H34Cl2	1,11-dichloroheptadecane	---	6.91158	2178.8385	156.401	212.17	427.78	3
19320	C17H34Cl2	1,12-dichloroheptadecane	---	6.93615	2190.9940	156.123	212.97	427.47	3
19321	C17H34Cl2	1,13-dichloroheptadecane	---	6.96096	2203.2605	155.845	213.77	427.16	3
19322	C17H34Cl2	1,14-dichloroheptadecane	---	6.98599	2215.6395	155.567	214.57	426.86	3
19323	C17H34Cl2	1,15-dichloroheptadecane	---	7.01127	2228.1326	155.289	215.37	426.56	3
19324	C17H34Cl2	1,16-dichloroheptadecane	---	7.03678	2240.7414	155.011	216.17	426.25	3
19325	C17H34Cl2	1,17-dichloroheptadecane	---	7.06254	2253.4677	154.733	216.97	425.95	3
19326	C17H34Cl2	2,2-dichloroheptadecane	---	6.46404	1956.8453	161.961	196.17	434.24	3
19327	C17H34Cl2	2,3-dichloroheptadecane	---	6.48460	1967.0713	161.683	196.97	433.90	3
19328	C17H34Cl2	2,4-dichloroheptadecane	---	6.50534	1977.3822	161.405	197.77	433.57	3
19329	C17H34Cl2	2,5-dichloroheptadecane	---	6.52626	1987.7790	161.127	198.57	433.23	3
19330	C17H34Cl2	2,6-dichloroheptadecane	---	6.54735	1998.2629	160.849	199.37	432.90	3
19331	C17H34Cl2	2,7-dichloroheptadecane	---	6.56863	2008.8351	160.571	200.17	432.57	3
19332	C17H34Cl2	2,8-dichloroheptadecane	---	6.59010	2019.4965	160.293	200.97	432.24	3
19333	C17H34Cl2	2,9-dichloroheptadecane	---	6.61175	2030.2485	160.015	201.77	431.91	3
19334	C17H34Cl2	2,10-dichloroheptadecane	---	6.63359	2041.0923	159.737	202.57	431.58	3
19335	C17H34Cl2	2,11-dichloroheptadecane	---	6.65563	2052.0290	159.459	203.37	431.26	3
19336	C17H34Cl2	2,12-dichloroheptadecane	---	6.67787	2063.0599	159.181	204.17	430.94	3
19337	C17H34Cl2	2,13-dichloroheptadecane	---	6.70030	2074.1862	158.903	204.97	430.61	3
19338	C17H34Cl2	2,14-dichloroheptadecane	---	6.72293	2085.4093	158.625	205.77	430.29	3
19339	C17H34Cl2	2,15-dichloroheptadecane	---	6.74577	2096.7304	158.347	206.57	429.97	3
19340	C17H34Cl2	2,16-dichloroheptadecane	---	6.76881	2108.1509	158.069	207.37	429.66	3
19341	C17H34F2	1,1-difluoroheptadecane	62127-06-4	6.28857	1794.8348	174.610	164.77	403.12	3
19342	C17H34F2	1,2-difluoroheptadecane	---	6.30845	1804.3530	174.332	165.57	402.76	3
19343	C17H34F2	1,3-difluoroheptadecane	---	6.32850	1813.9502	174.054	166.37	402.42	3
19344	C17H34F2	1,4-difluoroheptadecane	---	6.34872	1823.6275	173.776	167.17	402.07	3
19345	C17H34F2	1,5-difluoroheptadecane	---	6.36912	1833.3859	173.498	167.97	401.72	3
19346	C17H34F2	1,6-difluoroheptadecane	---	6.38970	1843.2265	173.220	168.77	401.38	3
19347	C17H34F2	1,7-difluoroheptadecane	---	6.41046	1853.1504	172.942	169.57	401.03	3
19348	C17H34F2	1,8-difluoroheptadecane	---	6.43141	1863.1587	172.664	170.37	400.69	3
19349	C17H34F2	1,9-difluoroheptadecane	---	6.45253	1873.2525	172.386	171.17	400.35	3
19350	C17H34F2	1,10-difluoroheptadecane	---	6.47385	1883.4329	172.108	171.97	400.01	3
19351	C17H34F2	1,11-difluoroheptadecane	---	6.49536	1893.7011	171.830	172.77	399.68	3
19352	C17H34F2	1,12-difluoroheptadecane	---	6.51705	1904.0583	171.552	173.57	399.34	3
19353	C17H34F2	1,13-difluoroheptadecane	---	6.53895	1914.5056	171.274	174.37	399.01	3
19354	C17H34F2	1,14-difluoroheptadecane	---	6.56104	1925.0444	170.996	175.17	398.68	3
19355	C17H34F2	1,15-difluoroheptadecane	---	6.58333	1935.6758	170.718	175.97	398.35	3
19356	C17H34F2	1,16-difluoroheptadecane	---	6.60583	1946.4011	170.440	176.77	398.02	3
19357	C17H34F2	1,17-difluoroheptadecane	---	6.62853	1957.2217	170.162	177.57	397.69	3
19358	C17H34F2	2,2-difluoroheptadecane	---	6.09872	1703.7882	177.390	156.77	406.72	3
19359	C17H34F2	2,3-difluoroheptadecane	---	6.11700	1712.5685	177.112	157.57	406.36	3
19360	C17H34F2	2,4-difluoroheptadecane	---	6.13543	1721.4185	176.834	158.37	405.99	3

Table 1 Vapor Pressure – Organic Compounds

log ₁₀ P = A - B/(T + C) (P - mm Hg, T - C)									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
19361	C17H34F2	2,5-difluoroheptadecane	---	6.15402	1730.3390	176.556	159.17	405.62	3
19362	C17H34F2	2,6-difluoroheptadecane	---	6.17276	1739.3310	176.278	159.97	405.26	3
19363	C17H34F2	2,7-difluoroheptadecane	---	6.19166	1748.3954	176.000	160.77	404.90	3
19364	C17H34F2	2,8-difluoroheptadecane	---	6.21071	1757.5330	175.722	161.57	404.54	3
19365	C17H34F2	2,9-difluoroheptadecane	---	6.22993	1766.7448	175.444	162.37	404.18	3
19366	C17H34F2	2,10-difluoroheptadecane	---	6.24931	1776.0317	175.166	163.17	403.82	3
19367	C17H34F2	2,11-difluoroheptadecane	---	6.26885	1785.3947	174.888	163.97	403.47	3
19368	C17H34F2	2,12-difluoroheptadecane	---	6.28857	1794.8348	174.610	164.77	403.12	3
19369	C17H34F2	2,13-difluoroheptadecane	---	6.30845	1804.3530	174.332	165.57	402.76	3
19370	C17H34F2	2,14-difluoroheptadecane	---	6.32850	1813.9502	174.054	166.37	402.42	3
19371	C17H34F2	2,15-difluoroheptadecane	---	6.34872	1823.6275	173.776	167.17	402.07	3
19372	C17H34F2	2,16-difluoroheptadecane	---	6.36912	1833.3859	173.498	167.97	401.72	3
19373	C17H34I2	1,1-diiodoheptadecane	66577-55-7	9.39117	3577.5385	128.296	298.05	447.86	3
19374	C17H34I2	1,2-diiodoheptadecane	---	9.44176	3603.5119	128.018	298.85	447.63	3
19375	C17H34I2	1,3-diiodoheptadecane	---	9.49301	3629.8226	127.740	299.65	447.40	3
19376	C17H34I2	1,4-diiodoheptadecane	---	9.54494	3656.4773	127.462	300.45	447.18	3
19377	C17H34I2	1,5-diiodoheptadecane	---	9.59756	3683.4830	127.184	301.25	446.95	3
19378	C17H34I2	1,6-diiodoheptadecane	---	9.65089	3710.8467	126.906	302.05	446.73	3
19379	C17H34I2	1,7-diiodoheptadecane	---	9.70494	3738.5757	126.628	302.85	446.50	3
19380	C17H34I2	1,8-diiodoheptadecane	---	9.75972	3766.6774	126.350	303.65	446.28	3
19381	C17H34I2	1,9-diiodoheptadecane	---	9.81526	3795.1594	126.072	304.45	446.06	3
19382	C17H34I2	1,10-diiodoheptadecane	---	9.87156	3824.0297	125.794	305.25	445.83	3
19383	C17H34I2	1,11-diiodoheptadecane	---	9.92865	3853.2964	125.516	306.05	445.61	3
19384	C17H34I2	1,12-diiodoheptadecane	---	9.98653	3882.9677	125.238	306.85	445.39	3
19385	C17H34I2	1,13-diiodoheptadecane	---	10.04523	3913.0523	124.960	307.65	445.17	3
19386	C17H34I2	1,14-diiodoheptadecane	---	10.10476	3943.5588	124.682	308.45	444.96	3
19387	C17H34I2	1,15-diiodoheptadecane	---	10.16514	3974.4964	124.404	309.25	444.74	3
19388	C17H34I2	1,16-diiodoheptadecane	---	10.22639	4005.8744	124.126	310.05	444.52	3
19389	C17H34I2	1,17-diiodoheptadecane	---	10.28853	4037.7023	123.848	310.85	444.31	3
19390	C17H34I2	2,2-diiodoheptadecane	---	8.91926	3335.0013	131.076	290.05	450.20	3
19391	C17H34I2	2,3-diiodoheptadecane	---	8.96384	3357.9344	130.798	290.85	449.96	3
19392	C17H34I2	2,4-diiodoheptadecane	---	9.00898	3381.1465	130.520	291.65	449.72	3
19393	C17H34I2	2,5-diiodoheptadecane	---	9.05468	3404.6427	130.242	292.45	449.49	3
19394	C17H34I2	2,6-diiodoheptadecane	---	9.10094	3428.4284	129.964	293.25	449.25	3
19395	C17H34I2	2,7-diiodoheptadecane	---	9.14779	3452.5092	129.686	294.05	449.02	3
19396	C17H34I2	2,8-diiodoheptadecane	---	9.19524	3476.8905	129.408	294.85	448.78	3
19397	C17H34I2	2,9-diiodoheptadecane	---	9.24328	3501.5781	129.130	295.65	448.55	3
19398	C17H34I2	2,10-diiodoheptadecane	---	9.29195	3526.5779	128.852	296.45	448.32	3
19399	C17H34I2	2,11-diiodoheptadecane	---	9.34124	3551.8960	128.574	297.25	448.09	3
19400	C17H34I2	2,12-diiodoheptadecane	---	9.39117	3577.5385	128.296	298.05	447.86	3
19401	C17H34I2	2,13-diiodoheptadecane	---	9.44176	3603.5119	128.018	298.85	447.63	3
19402	C17H34I2	2,14-diiodoheptadecane	---	9.49301	3629.8226	127.740	299.65	447.40	3
19403	C17H34I2	2,15-diiodoheptadecane	---	9.54494	3656.4773	127.462	300.45	447.18	3
19404	C17H34I2	2,16-diiodoheptadecane	---	9.59756	3683.4830	127.184	301.25	446.95	3
19405	C17H34O	heptadecanal	629-90-3	7.99129	2472.0100	165.714	187.87	348.28	1,2
19406	C17H34O	2-methylhexadecanal	---	7.54031	2301.7695	166.326	185.61	361.79	2
19407	C17H34O	3-methylhexadecanal	---	7.54031	2301.7695	166.326	185.61	361.79	2
19408	C17H34O	4-methylhexadecanal	---	7.54031	2301.7695	166.326	185.61	361.79	2
19409	C17H34O	5-methylhexadecanal	---	7.54031	2301.7695	166.326	185.61	361.79	2
19410	C17H34O	6-methylhexadecanal	---	7.54031	2301.7695	166.326	185.61	361.79	2
19411	C17H34O	7-methylhexadecanal	---	7.54031	2301.7695	166.326	185.61	361.79	2
19412	C17H34O	8-methylhexadecanal	---	7.54031	2301.7695	166.326	185.61	361.79	2
19413	C17H34O	9-methylhexadecanal	---	7.54031	2301.7695	166.326	185.61	361.79	2
19414	C17H34O	10-methylhexadecanal	---	7.54031	2301.7695	166.326	185.61	361.79	2
19415	C17H34O	11-methylhexadecanal	---	7.54031	2301.7695	166.326	185.61	361.79	2
19416	C17H34O	12-methylhexadecanal	---	7.54031	2301.7695	166.326	185.61	361.79	2
19417	C17H34O	13-methylhexadecanal	---	7.54031	2301.7695	166.326	185.61	361.79	2
19418	C17H34O	14-methylhexadecanal	---	7.54031	2301.7695	166.326	185.61	361.79	2
19419	C17H34O	15-methylhexadecanal	---	7.54031	2301.7695	166.326	185.61	361.79	2
19420	C17H34O	2,2-dimethylpentadecanal	---	7.44893	2260.1834	167.104	183.37	362.57	2
19421	C17H34O	2,3-dimethylpentadecanal	---	7.44893	2260.1834	167.104	183.37	362.57	2
19422	C17H34O	2,4-dimethylpentadecanal	---	7.44893	2260.1834	167.104	183.37	362.57	2
19423	C17H34O	2,5-dimethylpentadecanal	---	7.44893	2260.1834	167.104	183.37	362.57	2
19424	C17H34O	2,6-dimethylpentadecanal	---	7.44893	2260.1834	167.104	183.37	362.57	2
19425	C17H34O	2,7-dimethylpentadecanal	---	7.44893	2260.1834	167.104	183.37	362.57	2
19426	C17H34O	2,8-dimethylpentadecanal	---	7.44893	2260.1834	167.104	183.37	362.57	2
19427	C17H34O	2,9-dimethylpentadecanal	---	7.44893	2260.1834	167.104	183.37	362.57	2
19428	C17H34O	2,10-dimethylpentadecanal	---	7.44893	2260.1834	167.104	183.37	362.57	2
19429	C17H34O	2,11-dimethylpentadecanal	---	7.44893	2260.1834	167.104	183.37	362.57	2
19430	C17H34O	2,12-dimethylpentadecanal	---	7.44893	2260.1834	167.104	183.37	362.57	2
19431	C17H34O	2,13-dimethylpentadecanal	---	7.44893	2260.1834	167.104	183.37	362.57	2
19432	C17H34O	2,14-dimethylpentadecanal	---	7.44893	2260.1834	167.104	183.37	362.57	2
19433	C17H34O	2-heptadecanone	2922-51-2	7.37413	2201.9575	167.382	178.07	357.86	2
19434	C17H34O	3-heptadecanone	---	7.29293	2166.2132	168.300	175.93	358.62	2
19435	C17H34O	4-heptadecanone	53685-77-1	7.29293	2166.2132	168.300	175.93	358.62	2
19436	C17H34O	5-heptadecanone	---	7.29293	2166.2132	168.300	175.93	358.62	2
19437	C17H34O	6-heptadecanone	22026-13-7	7.29293	2166.2132	168.300	175.93	358.62	2
19438	C17H34O	7-heptadecanone	6064-42-2	7.29293	2166.2132	168.300	175.93	358.62	2
19439	C17H34O	8-heptadecanone	14476-38-1	7.29293	2166.2132	168.300	175.93	358.62	2
19440	C17H34O	9-heptadecanone	540-08-9	7.27156	2155.7213	168.300	175.43	358.81	2

Table 1 Vapor Pressure – Organic Compounds

NO	FORMULA	NAME	$\log_{10} P = A - B/(T + C) \quad (P - \text{mm Hg}, T - ^\circ\text{C})$						
			CAS No	A	B	C	TMIN	TMAX	code
19441	C17H34O	3-methyl-2-hexadecanone	---	7.23210	2138.7686	168.856	174.33	359.20	2
19442	C17H34O	4-methyl-2-hexadecanone	---	7.23210	2138.7686	168.856	174.33	359.20	2
19443	C17H34O	5-methyl-2-hexadecanone	---	7.23210	2138.7686	168.856	174.33	359.20	2
19444	C17H34O	6-methyl-2-hexadecanone	---	7.23210	2138.7686	168.856	174.33	359.20	2
19445	C17H34O	7-methyl-2-hexadecanone	---	7.23210	2138.7686	168.856	174.33	359.20	2
19446	C17H34O	8-methyl-2-hexadecanone	---	7.23210	2138.7686	168.856	174.33	359.20	2
19447	C17H34O	9-methyl-2-hexadecanone	---	7.23210	2138.7686	168.856	174.33	359.20	2
19448	C17H34O	10-methyl-2-hexadecanone	---	7.23210	2138.7686	168.856	174.33	359.20	2
19449	C17H34O	2-methyl-3-hexadecanone	---	7.23210	2138.7686	168.856	174.33	359.20	2
19450	C17H34O	4-methyl-3-hexadecanone	---	7.23210	2138.7686	168.856	174.33	359.20	2
19451	C17H34O	5-methyl-3-hexadecanone	---	7.23210	2138.7686	168.856	174.33	359.20	2
19452	C17H34O	6-methyl-3-hexadecanone	---	7.23210	2138.7686	168.856	174.33	359.20	2
19453	C17H34O	7-methyl-3-hexadecanone	---	7.23210	2138.7686	168.856	174.33	359.20	2
19454	C17H34O	8-methyl-3-hexadecanone	---	7.23210	2138.7686	168.856	174.33	359.20	2
19455	C17H34O	9-methyl-3-hexadecanone	---	7.23210	2138.7686	168.856	174.33	359.20	2
19456	C17H34O	10-methyl-3-hexadecanone	---	7.23210	2138.7686	168.856	174.33	359.20	2
19457	C17H34O	2-methyl-4-hexadecanone	---	7.23210	2138.7686	168.856	174.33	359.20	2
19458	C17H34O	3-methyl-4-hexadecanone	---	7.23210	2138.7686	168.856	174.33	359.20	2
19459	C17H34O	5-methyl-4-hexadecanone	---	7.23210	2138.7686	168.856	174.33	359.20	2
19460	C17H34O	6-methyl-4-hexadecanone	---	7.23210	2138.7686	168.856	174.33	359.20	2
19461	C17H34O	7-methyl-4-hexadecanone	---	7.23210	2138.7686	168.856	174.33	359.20	2
19462	C17H34O	8-methyl-4-hexadecanone	---	7.23210	2138.7686	168.856	174.33	359.20	2
19463	C17H34O	9-methyl-4-hexadecanone	---	7.23210	2138.7686	168.856	174.33	359.20	2
19464	C17H34O	10-methyl-4-hexadecanone	---	7.23210	2138.7686	168.856	174.33	359.20	2
19465	C17H34O	2-methyl-5-hexadecanone	---	7.23210	2138.7686	168.856	174.33	359.20	2
19466	C17H34O	3-methyl-5-hexadecanone	---	7.23210	2138.7686	168.856	174.33	359.20	2
19467	C17H34O	4-methyl-5-hexadecanone	---	7.23210	2138.7686	168.856	174.33	359.20	2
19468	C17H34O	6-methyl-5-hexadecanone	---	7.23210	2138.7686	168.856	174.33	359.20	2
19469	C17H34O	7-methyl-5-hexadecanone	---	7.23210	2138.7686	168.856	174.33	359.20	2
19470	C17H34O	8-methyl-5-hexadecanone	---	7.23210	2138.7686	168.856	174.33	359.20	2
19471	C17H34O	9-methyl-5-hexadecanone	---	7.23210	2138.7686	168.856	174.33	359.20	2
19472	C17H34O	10-methyl-5-hexadecanone	---	7.23210	2138.7686	168.856	174.33	359.20	2
19473	C17H37O	2-heptadecen-1-ol	---	7.16722	2244.6121	160.988	202.97	402.22	3
19474	C17H34O2	heptadecanoic acid	506-12-7	7.90923	2579.4758	154.928	218.41	390.72	2
19475	C17H34O2	2-methylhexadecanoic acid	7613-21-0	8.08233	2661.4763	153.621	222.17	389.48	2
19476	C17H34O2	3-methylhexadecanoic acid	42172-35-0	8.08233	2661.4763	153.621	222.17	389.48	2
19477	C17H34O2	4-methylhexadecanoic acid	---	8.08233	2661.4763	153.621	222.17	389.48	2
19478	C17H34O2	5-methylhexadecanoic acid	---	8.08233	2661.4763	153.621	222.17	389.48	2
19479	C17H34O2	6-methylhexadecanoic acid	---	8.08233	2661.4763	153.621	222.17	389.48	2
19480	C17H34O2	7-methylhexadecanoic acid	---	8.08233	2661.4763	153.621	222.17	389.48	2
19481	C17H34O2	8-methylhexadecanoic acid	---	8.08233	2661.4763	153.621	222.17	389.48	2
19482	C17H34O2	9-methylhexadecanoic acid	---	8.08233	2661.4763	153.621	222.17	389.48	2
19483	C17H34O2	10-methylhexadecanoic acid	---	8.08233	2661.4763	153.621	222.17	389.48	2
19484	C17H34O2	11-methylhexadecanoic acid	---	8.08233	2661.4763	153.621	222.17	389.48	2
19485	C17H34O2	12-methylhexadecanoic acid	17001-24-0	8.08233	2661.4763	153.621	222.17	389.48	2
19486	C17H34O2	13-methylhexadecanoic acid	---	8.08233	2661.4763	153.621	222.17	389.48	2
19487	C17H34O2	14-methylhexadecanoic acid	5918-29-6	8.08233	2661.4763	153.621	222.17	389.48	2
19488	C17H34O2	15-methylhexadecanoic acid	1603-03-8	8.08233	2661.4763	153.621	222.17	389.48	2
19489	C17H34O2	2,2-dimethylpentadecanoic acid	---	7.79315	2524.4401	155.845	215.77	391.60	2
19490	C17H34O2	2,3-dimethylpentadecanoic acid	---	7.79315	2524.4401	155.845	215.77	391.60	2
19491	C17H34O2	2,4-dimethylpentadecanoic acid	---	7.79315	2524.4401	155.845	215.77	391.60	2
19492	C17H34O2	2,5-dimethylpentadecanoic acid	---	7.79315	2524.4401	155.845	215.77	391.60	2
19493	C17H34O2	2,6-dimethylpentadecanoic acid	---	7.79315	2524.4401	155.845	215.77	391.60	2
19494	C17H34O2	2,7-dimethylpentadecanoic acid	---	7.79315	2524.4401	155.845	215.77	391.60	2
19495	C17H34O2	2,8-dimethylpentadecanoic acid	---	7.79315	2524.4401	155.845	215.77	391.60	2
19496	C17H34O2	2,9-dimethylpentadecanoic acid	---	7.79315	2524.4401	155.845	215.77	391.60	2
19497	C17H34O2	2,10-dimethylpentadecanoic acid	---	7.79315	2524.4401	155.845	215.77	391.60	2
19498	C17H34O2	2,11-dimethylpentadecanoic acid	---	7.79315	2524.4401	155.845	215.77	391.60	2
19499	C17H34O2	2,12-dimethylpentadecanoic acid	---	7.79315	2524.4401	155.845	215.77	391.60	2
19500	C17H34O2	2,13-dimethylpentadecanoic acid	---	7.79315	2524.4401	155.845	215.77	391.60	2
19501	C17H34O2	2,14-dimethylpentadecanoic acid	---	7.79315	2524.4401	155.845	215.77	391.60	2
19502	C17H34O2	2-ethylpentadecanoic acid	69868-06-0	7.91640	2582.8769	154.872	218.57	390.66	2
19503	C17H34O2	3-ethylpentadecanoic acid	---	7.91640	2582.8769	154.872	218.57	390.66	2
19504	C17H34O2	4-ethylpentadecanoic acid	---	7.91640	2582.8769	154.872	218.57	390.66	2
19505	C17H34O2	5-ethylpentadecanoic acid	---	7.91640	2582.8769	154.872	218.57	390.66	2
19506	C17H34O2	6-ethylpentadecanoic acid	---	7.91640	2582.8769	154.872	218.57	390.66	2
19507	C17H34O2	7-ethylpentadecanoic acid	---	7.91640	2582.8769	154.872	218.57	390.66	2
19508	C17H34O2	8-ethylpentadecanoic acid	---	7.91640	2582.8769	154.872	218.57	390.66	2
19509	C17H34O2	9-ethylpentadecanoic acid	---	7.91640	2582.8769	154.872	218.57	390.66	2
19510	C17H34O2	10-ethylpentadecanoic acid	---	7.91640	2582.8769	154.872	218.57	390.66	2
19511	C17H34O2	11-ethylpentadecanoic acid	---	7.91640	2582.8769	154.872	218.57	390.66	2
19512	C17H34O2	12-ethylpentadecanoic acid	---	7.91640	2582.8769	154.872	218.57	390.66	2
19513	C17H34O2	13-ethylpentadecanoic acid	---	7.91640	2582.8769	154.872	218.57	390.66	2
19514	C17H34O2	hexadecyl formate	4113-08-0	10.92477	3743.4672	151.814	225.37	331.66	2
19515	C17H34O2	pentadecyl acetate	629-58-3	10.08360	3374.0346	154.872	216.57	333.99	2
19516	C17H34O2	tetradecyl propanoate	6221-95-0	9.14347	2955.4052	158.347	204.57	337.39	2
19517	C17H34O2	tridecyl butanoate	56164-20-6	8.65524	2740.2577	160.988	196.97	339.66	2
19518	C17H34O2	tridecyl isobutanoate	---	8.20567	2541.7156	163.768	188.97	342.16	2
19519	C17H34O2	dodecyl pentanoate	---	8.63608	2731.8033	161.100	196.65	339.76	2
19520	C17H34O2	dodecyl isopentanoate	---	8.18888	2534.2938	163.880	188.65	342.27	2

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mm Hg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
19521	C17H34O2	dodecyl sec-pentanoate	---	8.18888	2534.2938	163.880	188.65	342.27	2
19522	C17H34O2	dodecyl tert-pentanoate	---	7.79552	2360.1499	166.660	180.65	344.90	2
19523	C17H34O2	propyl tetradecanoate	14303-70-9	8.63608	2731.8033	161.100	196.65	339.76	2
19524	C17H34O2	isopropyl tetradecanoate	110-27-0	8.18888	2534.2938	163.880	188.65	342.27	2
19525	C17H34O2	methyl palmitate	112-39-0	7.40316	2242.9935	163.880	186.42	367.47	1,2
19526	C17H34S	thiacyclooctadecane	296-21-9	5.83906	1620.6390	174.210	160.70	435.69	3
19527	C17H35Br	1-bromoheptadecane	3508-00-7	7.58745	2395.2795	159.042	204.57	384.65	2
19528	C17H35Br	2-bromoheptadecane	---	7.27780	2249.9149	161.822	196.57	387.48	2
19529	C17H35Br	3-bromoheptadecane	---	7.27780	2249.9149	161.822	196.57	387.48	2
19530	C17H35Br	4-bromoheptadecane	---	7.27780	2249.9149	161.822	196.57	387.48	2
19531	C17H35Br	5-bromoheptadecane	---	7.27780	2249.9149	161.822	196.57	387.48	2
19532	C17H35Br	6-bromoheptadecane	---	7.27780	2249.9149	161.822	196.57	387.48	2
19533	C17H35Br	7-bromoheptadecane	---	7.27780	2249.9149	161.822	196.57	387.48	2
19534	C17H35Br	8-bromoheptadecane	---	7.27780	2249.9149	161.822	196.57	387.48	2
19535	C17H35Br	9-bromoheptadecane	---	7.27780	2249.9149	161.822	196.57	387.48	2
19536	C17H35Br	1-bromo-2-methylhexadecane	---	7.27780	2249.9149	161.822	196.57	387.48	2
19537	C17H35Br	1-bromo-3-methylhexadecane	---	7.27780	2249.9149	161.822	196.57	387.48	2
19538	C17H35Br	1-bromo-4-methylhexadecane	---	7.27780	2249.9149	161.822	196.57	387.48	2
19539	C17H35Br	1-bromo-5-methylhexadecane	---	7.27780	2249.9149	161.822	196.57	387.48	2
19540	C17H35Br	1-bromo-6-methylhexadecane	---	7.27780	2249.9149	161.822	196.57	387.48	2
19541	C17H35Br	1-bromo-7-methylhexadecane	---	7.27780	2249.9149	161.822	196.57	387.48	2
19542	C17H35Br	1-bromo-8-methylhexadecane	---	7.27780	2249.9149	161.822	196.57	387.48	2
19543	C17H35Br	1-bromo-9-methylhexadecane	---	7.27780	2249.9149	161.822	196.57	387.48	2
19544	C17H35Br	1-bromo-10-methylhexadecane	---	7.27780	2249.9149	161.822	196.57	387.48	2
19545	C17H35Br	1-bromo-11-methylhexadecane	---	7.27780	2249.9149	161.822	196.57	387.48	2
19546	C17H35Br	1-bromo-12-methylhexadecane	---	7.27780	2249.9149	161.822	196.57	387.48	2
19547	C17H35Br	1-bromo-13-methylhexadecane	---	7.27780	2249.9149	161.822	196.57	387.48	2
19548	C17H35Br	1-bromo-14-methylhexadecane	---	7.27780	2249.9149	161.822	196.57	387.48	2
19549	C17H35Br	1-bromo-15-methylhexadecane	---	7.27780	2249.9149	161.822	196.57	387.48	2
19550	C17H35Br	2-bromo-2-methylhexadecane	---	6.99886	2118.6309	164.602	188.57	390.45	2
19551	C17H35Br	2-bromo-3-methylhexadecane	---	6.99886	2118.6309	164.602	188.57	390.45	2
19552	C17H35Br	2-bromo-4-methylhexadecane	---	6.99886	2118.6309	164.602	188.57	390.45	2
19553	C17H35Br	2-bromo-5-methylhexadecane	---	6.99886	2118.6309	164.602	188.57	390.45	2
19554	C17H35Br	2-bromo-6-methylhexadecane	---	6.99886	2118.6309	164.602	188.57	390.45	2
19555	C17H35Br	2-bromo-7-methylhexadecane	---	6.99886	2118.6309	164.602	188.57	390.45	2
19556	C17H35Br	2-bromo-8-methylhexadecane	---	6.99886	2118.6309	164.602	188.57	390.45	2
19557	C17H35Br	2-bromo-9-methylhexadecane	---	6.99886	2118.6309	164.602	188.57	390.45	2
19558	C17H35Br	2-bromo-10-methylhexadecane	---	6.99886	2118.6309	164.602	188.57	390.45	2
19559	C17H35Br	2-bromo-11-methylhexadecane	---	6.99886	2118.6309	164.602	188.57	390.45	2
19560	C17H35Br	2-bromo-12-methylhexadecane	---	6.99886	2118.6309	164.602	188.57	390.45	2
19561	C17H35Br	2-bromo-13-methylhexadecane	---	6.99886	2118.6309	164.602	188.57	390.45	2
19562	C17H35Br	2-bromo-14-methylhexadecane	---	6.99886	2118.6309	164.602	188.57	390.45	2
19563	C17H35Br	2-bromo-15-methylhexadecane	---	6.99886	2118.6309	164.602	188.57	390.45	2
19564	C17H35Br	3-bromo-2-methylhexadecane	---	6.99886	2118.6309	164.602	188.57	390.45	2
19565	C17H35Br	3-bromo-3-methylhexadecane	---	6.99886	2118.6309	164.602	188.57	390.45	2
19566	C17H35Br	3-bromo-4-methylhexadecane	---	6.99886	2118.6309	164.602	188.57	390.45	2
19567	C17H35Br	3-bromo-5-methylhexadecane	---	6.99886	2118.6309	164.602	188.57	390.45	2
19568	C17H35Br	3-bromo-6-methylhexadecane	---	6.99886	2118.6309	164.602	188.57	390.45	2
19569	C17H35Br	3-bromo-7-methylhexadecane	---	6.99886	2118.6309	164.602	188.57	390.45	2
19570	C17H35Br	3-bromo-8-methylhexadecane	---	6.99886	2118.6309	164.602	188.57	390.45	2
19571	C17H35Br	3-bromo-9-methylhexadecane	---	6.99886	2118.6309	164.602	188.57	390.45	2
19572	C17H35Br	3-bromo-10-methylhexadecane	---	6.99886	2118.6309	164.602	188.57	390.45	2
19573	C17H35Br	3-bromo-11-methylhexadecane	---	6.99886	2118.6309	164.602	188.57	390.45	2
19574	C17H35Br	3-bromo-12-methylhexadecane	---	6.99886	2118.6309	164.602	188.57	390.45	2
19575	C17H35Br	3-bromo-13-methylhexadecane	---	6.99886	2118.6309	164.602	188.57	390.45	2
19576	C17H35Br	3-bromo-14-methylhexadecane	---	6.99886	2118.6309	164.602	188.57	390.45	2
19577	C17H35Br	3-bromo-15-methylhexadecane	---	6.99886	2118.6309	164.602	188.57	390.45	2
19578	C17H35Cl	1-chloroheptadecane	62016-75-5	7.06181	2181.7322	161.544	198.37	400.76	2
19579	C17H35Cl	2-chloroheptadecane	---	6.77319	2041.9434	164.324	189.37	404.25	2
19580	C17H35Cl	3-chloroheptadecane	---	6.77319	2041.9434	164.324	189.37	404.25	2
19581	C17H35Cl	4-chloroheptadecane	---	6.77319	2041.9434	164.324	189.37	404.25	2
19582	C17H35Cl	5-chloroheptadecane	---	6.77319	2041.9434	164.324	189.37	404.25	2
19583	C17H35Cl	6-chloroheptadecane	---	6.77319	2041.9434	164.324	189.37	404.25	2
19584	C17H35Cl	7-chloroheptadecane	---	6.77319	2041.9434	164.324	189.37	404.25	2
19585	C17H35Cl	8-chloroheptadecane	---	6.77319	2041.9434	164.324	189.37	404.25	2
19586	C17H35Cl	9-chloroheptadecane	---	6.77319	2041.9434	164.324	189.37	404.25	2
19587	C17H35Cl	1-chloro-2-methylhexadecane	---	6.77319	2041.9434	164.324	189.37	404.25	2
19588	C17H35Cl	1-chloro-3-methylhexadecane	---	6.77319	2041.9434	164.324	189.37	404.25	2
19589	C17H35Cl	1-chloro-4-methylhexadecane	---	6.77319	2041.9434	164.324	189.37	404.25	2
19590	C17H35Cl	1-chloro-5-methylhexadecane	---	6.77319	2041.9434	164.324	189.37	404.25	2
19591	C17H35Cl	1-chloro-6-methylhexadecane	---	6.77319	2041.9434	164.324	189.37	404.25	2
19592	C17H35Cl	1-chloro-7-methylhexadecane	---	6.77319	2041.9434	164.324	189.37	404.25	2
19593	C17H35Cl	1-chloro-8-methylhexadecane	---	6.77319	2041.9434	164.324	189.37	404.25	2
19594	C17H35Cl	1-chloro-9-methylhexadecane	---	6.77319	2041.9434	164.324	189.37	404.25	2
19595	C17H35Cl	1-chloro-10-methylhexadecane	---	6.77319	2041.9434	164.324	189.37	404.25	2
19596	C17H35Cl	1-chloro-11-methylhexadecane	---	6.77319	2041.9434	164.324	189.37	404.25	2
19597	C17H35Cl	1-chloro-12-methylhexadecane	---	6.77319	2041.9434	164.324	189.37	404.25	2
19598	C17H35Cl	1-chloro-13-methylhexadecane	---	6.77319	2041.9434	164.324	189.37	404.25	2
19599	C17H35Cl	1-chloro-14-methylhexadecane	---	6.77319	2041.9434	164.324	189.37	404.25	2
19600	C17H35Cl	1-chloro-15-methylhexadecane	---	6.77319	2041.9434	164.324	189.37	404.25	2

Table 1 Vapor Pressure – Organic Compounds

			log ₁₀ P = A - B/(T + C)	(P - mm Hg, T - C)					
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
19601	C17H35Cl	2-chloro-2-methylhexadecane	---	6.54426	1932.0317	167.104	181.37	407.49	2
19602	C17H35Cl	2-chloro-3-methylhexadecane	---	6.54426	1932.0317	167.104	181.37	407.49	2
19603	C17H35Cl	2-chloro-4-methylhexadecane	---	6.54426	1932.0317	167.104	181.37	407.49	2
19604	C17H35Cl	2-chloro-5-methylhexadecane	---	6.54426	1932.0317	167.104	181.37	407.49	2
19605	C17H35Cl	2-chloro-6-methylhexadecane	---	6.54426	1932.0317	167.104	181.37	407.49	2
19606	C17H35Cl	2-chloro-7-methylhexadecane	---	6.54426	1932.0317	167.104	181.37	407.49	2
19607	C17H35Cl	2-chloro-8-methylhexadecane	---	6.54426	1932.0317	167.104	181.37	407.49	2
19608	C17H35Cl	2-chloro-9-methylhexadecane	---	6.54426	1932.0317	167.104	181.37	407.49	2
19609	C17H35Cl	2-chloro-10-methylhexadecane	---	6.54426	1932.0317	167.104	181.37	407.49	2
19610	C17H35Cl	2-chloro-11-methylhexadecane	---	6.54426	1932.0317	167.104	181.37	407.49	2
19611	C17H35Cl	2-chloro-12-methylhexadecane	---	6.54426	1932.0317	167.104	181.37	407.49	2
19612	C17H35Cl	2-chloro-13-methylhexadecane	---	6.54426	1932.0317	167.104	181.37	407.49	2
19613	C17H35Cl	2-chloro-14-methylhexadecane	---	6.54426	1932.0317	167.104	181.37	407.49	2
19614	C17H35Cl	2-chloro-15-methylhexadecane	---	6.54426	1932.0317	167.104	181.37	407.49	2
19615	C17H35Cl	3-chloro-2-methylhexadecane	---	6.54426	1932.0317	167.104	181.37	407.49	2
19616	C17H35Cl	3-chloro-3-methylhexadecane	---	6.54426	1932.0317	167.104	181.37	407.49	2
19617	C17H35Cl	3-chloro-4-methylhexadecane	---	6.54426	1932.0317	167.104	181.37	407.49	2
19618	C17H35Cl	3-chloro-5-methylhexadecane	---	6.54426	1932.0317	167.104	181.37	407.49	2
19619	C17H35Cl	3-chloro-6-methylhexadecane	---	6.54426	1932.0317	167.104	181.37	407.49	2
19620	C17H35Cl	3-chloro-7-methylhexadecane	---	6.54426	1932.0317	167.104	181.37	407.49	2
19621	C17H35Cl	3-chloro-8-methylhexadecane	---	6.54426	1932.0317	167.104	181.37	407.49	2
19622	C17H35Cl	3-chloro-9-methylhexadecane	---	6.54426	1932.0317	167.104	181.37	407.49	2
19623	C17H35Cl	3-chloro-10-methylhexadecane	---	6.54426	1932.0317	167.104	181.37	407.49	2
19624	C17H35Cl	3-chloro-11-methylhexadecane	---	6.54426	1932.0317	167.104	181.37	407.49	2
19625	C17H35Cl	3-chloro-12-methylhexadecane	---	6.54426	1932.0317	167.104	181.37	407.49	2
19626	C17H35Cl	3-chloro-13-methylhexadecane	---	6.54426	1932.0317	167.104	181.37	407.49	2
19627	C17H35Cl	3-chloro-14-methylhexadecane	---	6.54426	1932.0317	167.104	181.37	407.49	2
19628	C17H35Cl	3-chloro-15-methylhexadecane	---	6.54426	1932.0317	167.104	181.37	407.49	2
19629	C17H35F	1-fluoroheptadecane	1545-17-1	6.42183	1814.1444	171.830	162.77	388.09	3
19630	C17H35F	1-fluoroheptadecane	---	6.25608	1736.7381	174.054	156.37	390.88	3
19631	C17H35F	2-fluoroheptadecane	---	6.25608	1736.7381	174.054	156.37	390.88	3
19632	C17H35F	3-fluoroheptadecane	---	6.25608	1736.7381	174.054	156.37	390.88	3
19633	C17H35F	4-fluoroheptadecane	---	6.25608	1736.7381	174.054	156.37	390.88	3
19634	C17H35F	5-fluoroheptadecane	---	6.25608	1736.7381	174.054	156.37	390.88	3
19635	C17H35F	6-fluoroheptadecane	---	6.25608	1736.7381	174.054	156.37	390.88	3
19636	C17H35F	7-fluoroheptadecane	---	6.25608	1736.7381	174.054	156.37	390.88	3
19637	C17H35F	8-fluoroheptadecane	---	6.25608	1736.7381	174.054	156.37	390.88	3
19638	C17H35F	9-fluoroheptadecane	---	6.25608	1736.7381	174.054	156.37	390.88	3
19639	C17H35F	1-fluoro-2-methylhexadecane	---	6.25608	1736.7381	174.054	156.37	390.88	3
19640	C17H35F	1-fluoro-3-methylhexadecane	---	6.25608	1736.7381	174.054	156.37	390.88	3
19641	C17H35F	1-fluoro-4-methylhexadecane	---	6.25608	1736.7381	174.054	156.37	390.88	3
19642	C17H35F	1-fluoro-5-methylhexadecane	---	6.25608	1736.7381	174.054	156.37	390.88	3
19643	C17H35F	1-fluoro-6-methylhexadecane	---	6.25608	1736.7381	174.054	156.37	390.88	3
19644	C17H35F	1-fluoro-7-methylhexadecane	---	6.25608	1736.7381	174.054	156.37	390.88	3
19645	C17H35F	1-fluoro-8-methylhexadecane	---	6.25608	1736.7381	174.054	156.37	390.88	3
19646	C17H35F	1-fluoro-9-methylhexadecane	---	6.25608	1736.7381	174.054	156.37	390.88	3
19647	C17H35F	1-fluoro-10-methylhexadecane	---	6.25608	1736.7381	174.054	156.37	390.88	3
19648	C17H35F	1-fluoro-11-methylhexadecane	---	6.25608	1736.7381	174.054	156.37	390.88	3
19649	C17H35F	1-fluoro-12-methylhexadecane	---	6.25608	1736.7381	174.054	156.37	390.88	3
19650	C17H35F	1-fluoro-13-methylhexadecane	---	6.25608	1736.7381	174.054	156.37	390.88	3
19651	C17H35F	1-fluoro-14-methylhexadecane	---	6.25608	1736.7381	174.054	156.37	390.88	3
19652	C17H35F	1-fluoro-15-methylhexadecane	---	6.25608	1736.7381	174.054	156.37	390.88	3
19653	C17H35F	2-fluoro-2-methylhexadecane	---	6.10148	1664.3488	176.278	149.97	393.78	3
19654	C17H35F	2-fluoro-3-methylhexadecane	---	6.10148	1664.3488	176.278	149.97	393.78	3
19655	C17H35F	2-fluoro-4-methylhexadecane	---	6.10148	1664.3488	176.278	149.97	393.78	3
19656	C17H35F	2-fluoro-5-methylhexadecane	---	6.10148	1664.3488	176.278	149.97	393.78	3
19657	C17H35F	2-fluoro-6-methylhexadecane	---	6.10148	1664.3488	176.278	149.97	393.78	3
19658	C17H35F	2-fluoro-7-methylhexadecane	---	6.10148	1664.3488	176.278	149.97	393.78	3
19659	C17H35F	2-fluoro-8-methylhexadecane	---	6.10148	1664.3488	176.278	149.97	393.78	3
19660	C17H35F	2-fluoro-9-methylhexadecane	---	6.10148	1664.3488	176.278	149.97	393.78	3
19661	C17H35F	2-fluoro-10-methylhexadecane	---	6.10148	1664.3488	176.278	149.97	393.78	3
19662	C17H35F	2-fluoro-11-methylhexadecane	---	6.10148	1664.3488	176.278	149.97	393.78	3
19663	C17H35F	2-fluoro-12-methylhexadecane	---	6.10148	1664.3488	176.278	149.97	393.78	3
19664	C17H35F	2-fluoro-13-methylhexadecane	---	6.10148	1664.3488	176.278	149.97	393.78	3
19665	C17H35F	2-fluoro-14-methylhexadecane	---	6.10148	1664.3488	176.278	149.97	393.78	3
19666	C17H35F	2-fluoro-15-methylhexadecane	---	6.10148	1664.3488	176.278	149.97	393.78	3
19667	C17H35F	3-fluoro-2-methylhexadecane	---	6.10148	1664.3488	176.278	149.97	393.78	3
19668	C17H35F	3-fluoro-3-methylhexadecane	---	6.10148	1664.3488	176.278	149.97	393.78	3
19669	C17H35F	3-fluoro-4-methylhexadecane	---	6.10148	1664.3488	176.278	149.97	393.78	3
19670	C17H35F	3-fluoro-5-methylhexadecane	---	6.10148	1664.3488	176.278	149.97	393.78	3
19671	C17H35F	3-fluoro-6-methylhexadecane	---	6.10148	1664.3488	176.278	149.97	393.78	3
19672	C17H35F	3-fluoro-7-methylhexadecane	---	6.10148	1664.3488	176.278	149.97	393.78	3
19673	C17H35F	3-fluoro-8-methylhexadecane	---	6.10148	1664.3488	176.278	149.97	393.78	3
19674	C17H35F	3-fluoro-9-methylhexadecane	---	6.10148	1664.3488	176.278	149.97	393.78	3
19675	C17H35F	3-fluoro-10-methylhexadecane	---	6.10148	1664.3488	176.278	149.97	393.78	3
19676	C17H35F	3-fluoro-11-methylhexadecane	---	6.10148	1664.3488	176.278	149.97	393.78	3
19677	C17H35F	3-fluoro-12-methylhexadecane	---	6.10148	1664.3488	176.278	149.97	393.78	3
19678	C17H35F	3-fluoro-13-methylhexadecane	---	6.10148	1664.3488	176.278	149.97	393.78	3
19679	C17H35F	3-fluoro-14-methylhexadecane	---	6.10148	1664.3488	176.278	149.97	393.78	3
19680	C17H35F	3-fluoro-15-methylhexadecane	---	6.10148	1664.3488	176.278	149.97	393.78	3

Table 1 Vapor Pressure – Organic Compounds

log ₁₀ P = A - B/(T + C) (P - mm Hg, T - C)									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
19681	C17H35I	1-iodoheptadecane	26825-83-2	8.03185	2602.4631	152.926	217.17	383.66	3
19682	C17H35I	1-iodoheptadecane	---	7.67536	2435.6815	155.706	209.17	386.34	3
19683	C17H35I	2-iodoheptadecane	---	7.67536	2435.6815	155.706	209.17	386.34	3
19684	C17H35I	3-iodoheptadecane	---	7.67536	2435.6815	155.706	209.17	386.34	3
19685	C17H35I	4-iodoheptadecane	---	7.67536	2435.6815	155.706	209.17	386.34	3
19686	C17H35I	5-iodoheptadecane	---	7.67536	2435.6815	155.706	209.17	386.34	3
19687	C17H35I	6-iodoheptadecane	---	7.67536	2435.6815	155.706	209.17	386.34	3
19688	C17H35I	7-iodoheptadecane	---	7.67536	2435.6815	155.706	209.17	386.34	3
19689	C17H35I	8-iodoheptadecane	---	7.67536	2435.6815	155.706	209.17	386.34	3
19690	C17H35I	9-iodoheptadecane	---	7.67536	2435.6815	155.706	209.17	386.34	3
19691	C17H35I	1-iodo-2-methylhexadecane	---	7.67536	2435.6815	155.706	209.17	386.34	3
19692	C17H35I	1-iodo-3-methylhexadecane	---	7.67536	2435.6815	155.706	209.17	386.34	3
19693	C17H35I	1-iodo-4-methylhexadecane	---	7.67536	2435.6815	155.706	209.17	386.34	3
19694	C17H35I	1-iodo-5-methylhexadecane	---	7.67536	2435.6815	155.706	209.17	386.34	3
19695	C17H35I	1-iodo-6-methylhexadecane	---	7.67536	2435.6815	155.706	209.17	386.34	3
19696	C17H35I	1-iodo-7-methylhexadecane	---	7.67536	2435.6815	155.706	209.17	386.34	3
19697	C17H35I	1-iodo-8-methylhexadecane	---	7.67536	2435.6815	155.706	209.17	386.34	3
19698	C17H35I	1-iodo-9-methylhexadecane	---	7.67536	2435.6815	155.706	209.17	386.34	3
19699	C17H35I	1-iodo-10-methylhexadecane	---	7.67536	2435.6815	155.706	209.17	386.34	3
19700	C17H35I	1-iodo-11-methylhexadecane	---	7.67536	2435.6815	155.706	209.17	386.34	3
19701	C17H35I	1-iodo-12-methylhexadecane	---	7.67536	2435.6815	155.706	209.17	386.34	3
19702	C17H35I	1-iodo-13-methylhexadecane	---	7.67536	2435.6815	155.706	209.17	386.34	3
19703	C17H35I	1-iodo-14-methylhexadecane	---	7.67536	2435.6815	155.706	209.17	386.34	3
19704	C17H35I	1-iodo-15-methylhexadecane	---	7.67536	2435.6815	155.706	209.17	386.34	3
19705	C17H35I	2-iodo-2-methylhexadecane	---	7.35661	2286.1952	158.486	201.17	389.14	3
19706	C17H35I	2-iodo-3-methylhexadecane	---	7.35661	2286.1952	158.486	201.17	389.14	3
19707	C17H35I	2-iodo-4-methylhexadecane	---	7.35661	2286.1952	158.486	201.17	389.14	3
19708	C17H35I	2-iodo-5-methylhexadecane	---	7.35661	2286.1952	158.486	201.17	389.14	3
19709	C17H35I	2-iodo-6-methylhexadecane	---	7.35661	2286.1952	158.486	201.17	389.14	3
19710	C17H35I	2-iodo-7-methylhexadecane	---	7.35661	2286.1952	158.486	201.17	389.14	3
19711	C17H35I	2-iodo-8-methylhexadecane	---	7.35661	2286.1952	158.486	201.17	389.14	3
19712	C17H35I	2-iodo-9-methylhexadecane	---	7.35661	2286.1952	158.486	201.17	389.14	3
19713	C17H35I	2-iodo-10-methylhexadecane	---	7.35661	2286.1952	158.486	201.17	389.14	3
19714	C17H35I	2-iodo-11-methylhexadecane	---	7.35661	2286.1952	158.486	201.17	389.14	3
19715	C17H35I	2-iodo-12-methylhexadecane	---	7.35661	2286.1952	158.486	201.17	389.14	3
19716	C17H35I	2-iodo-13-methylhexadecane	---	7.35661	2286.1952	158.486	201.17	389.14	3
19717	C17H35I	2-iodo-14-methylhexadecane	---	7.35661	2286.1952	158.486	201.17	389.14	3
19718	C17H35I	2-iodo-15-methylhexadecane	---	7.35661	2286.1952	158.486	201.17	389.14	3
19719	C17H35I	3-iodo-2-methylhexadecane	---	7.35661	2286.1952	158.486	201.17	389.14	3
19720	C17H35I	3-iodo-3-methylhexadecane	---	7.35661	2286.1952	158.486	201.17	389.14	3
19721	C17H35I	3-iodo-4-methylhexadecane	---	7.35661	2286.1952	158.486	201.17	389.14	3
19722	C17H35I	3-iodo-5-methylhexadecane	---	7.35661	2286.1952	158.486	201.17	389.14	3
19723	C17H35I	3-iodo-6-methylhexadecane	---	7.35661	2286.1952	158.486	201.17	389.14	3
19724	C17H35I	3-iodo-7-methylhexadecane	---	7.35661	2286.1952	158.486	201.17	389.14	3
19725	C17H35I	3-iodo-8-methylhexadecane	---	7.35661	2286.1952	158.486	201.17	389.14	3
19726	C17H35I	3-iodo-9-methylhexadecane	---	7.35661	2286.1952	158.486	201.17	389.14	3
19727	C17H35I	3-iodo-10-methylhexadecane	---	7.35661	2286.1952	158.486	201.17	389.14	3
19728	C17H35I	3-iodo-11-methylhexadecane	---	7.35661	2286.1952	158.486	201.17	389.14	3
19729	C17H35I	3-iodo-12-methylhexadecane	---	7.35661	2286.1952	158.486	201.17	389.14	3
19730	C17H35I	3-iodo-13-methylhexadecane	---	7.35661	2286.1952	158.486	201.17	389.14	3
19731	C17H35I	3-iodo-14-methylhexadecane	---	7.35661	2286.1952	158.486	201.17	389.14	3
19732	C17H35I	3-iodo-15-methylhexadecane	---	7.35661	2286.1952	158.486	201.17	389.14	3
19733	C17H35NO2	1-nitroheptadecane	39220-66-1	7.04555	2221.1244	155.428	211.97	419.44	3
19734	C17H36	heptadecane	629-78-7	7.25896	2028.1139	161.086	162.95	336.35	1,2
19735	C17H36	2-methylhexadecane	1560-92-5	7.07554	1871.6899	149.200	158.87	331.50	1,2
19736	C17H36	3-methylhexadecane	6418-43-5	7.07706	1876.5606	149.200	159.59	332.56	1,2
19737	C17H36	4-methylhexadecane	25117-26-4	8.24004	3031.2820	271.294	147.39	327.99	1,2
19738	C17H36	5-methylhexadecane	25117-34-4	8.40029	3118.0790	271.856	149.49	325.66	1,2
19739	C17H36	2,2-dimethylpentadecane	61869-05-4	6.98123	1800.9024	149.200	151.89	324.80	1,2
19740	C17H36	2,3-dimethylpentadecane	2882-97-5	7.03810	1859.1380	149.200	158.70	332.91	1,2
19741	C17H36	2,4-dimethylpentadecane	61868-07-3	7.01201	1777.2424	149.200	146.41	314.81	1,2
19742	C17H36	2,4,6-trimethyltetradecane	101791-53-1	9.16004	3344.4370	271.559	138.30	287.88	1,2
19743	C17H36O	1-heptadecanol	1454-85-9	7.89368	2479.3139	164.880	194.77	361.31	2
19744	C17H36O	2-heptadecanol	16813-18-6	7.89368	2479.3139	164.880	194.77	361.31	2
19745	C17H36O	3-heptadecanol	---	7.55104	2322.5701	167.605	186.93	363.97	2
19746	C17H36O	4-heptadecanol	---	7.55104	2322.5701	167.605	186.93	363.97	2
19747	C17H36O	5-heptadecanol	---	7.55104	2322.5701	167.605	186.93	363.97	2
19748	C17H36O	6-heptadecanol	---	7.55104	2322.5701	167.605	186.93	363.97	2
19749	C17H36O	7-heptadecanol	---	7.55104	2322.5701	167.605	186.93	363.97	2
19750	C17H36O	8-heptadecanol	2541-75-5	7.55104	2322.5701	167.605	186.93	363.97	2
19751	C17H36O	9-heptadecanol	624-08-8	7.82056	2445.8947	165.436	193.17	361.84	2
19752	C17H36O	1-methoxy-hexadecane	---	8.14707	2467.4387	168.828	176.41	328.12	3
19753	C17H36O	2-methoxy-hexadecane	---	7.58166	2221.7360	172.915	164.65	332.05	3
19754	C17H36O	3-methoxy-hexadecane	---	7.58166	2221.7360	172.915	164.65	332.05	3
19755	C17H36O	4-methoxy-hexadecane	---	7.58166	2221.7360	172.915	164.65	332.05	3
19756	C17H36O	5-methoxy-hexadecane	---	7.58166	2221.7360	172.915	164.65	332.05	3
19757	C17H36O	6-methoxy-hexadecane	---	7.58166	2221.7360	172.915	164.65	332.05	3
19758	C17H36O	7-methoxy-hexadecane	---	7.58166	2221.7360	172.915	164.65	332.05	3
19759	C17H36O	8-methoxy-hexadecane	---	7.58166	2221.7360	172.915	164.65	332.05	3
19760	C17H36O	1-ethoxy-pentadecane	---	7.78881	2311.8593	171.330	169.21	330.49	3

Table 1 Vapor Pressure – Organic Compounds

NO	FORMULA	NAME	$\log_{10} P = A - B/(T + C) \quad (P - \text{mm Hg, } T - ^\circ\text{C})$						
			CAS No	A	B	C	TMIN	TMAX	code
19761	C17H36O	2-ethoxy-pentadecane	---	7.58166	2221.7360	172.915	164.65	332.05	3
19762	C17H36O	3-ethoxy-pentadecane	---	7.58166	2221.7360	172.915	164.65	332.05	3
19763	C17H36O	4-ethoxy-pentadecane	---	7.58166	2221.7360	172.915	164.65	332.05	3
19764	C17H36O	5-ethoxy-pentadecane	---	7.58166	2221.7360	172.915	164.65	332.05	3
19765	C17H36O	6-ethoxy-pentadecane	---	7.58166	2221.7360	172.915	164.65	332.05	3
19766	C17H36O	7-ethoxy-pentadecane	---	7.58166	2221.7360	172.915	164.65	332.05	3
19767	C17H36O	8-ethoxy-pentadecane	---	7.58166	2221.7360	172.915	164.65	332.05	3
19768	C17H36O	1-propoxy-tetradecane	---	7.80011	2316.7737	171.247	169.45	330.41	3
19769	C17H36O	2-propoxy-tetradecane	---	7.61699	2237.1138	172.637	165.45	331.77	3
19770	C17H36O	3-propoxy-tetradecane	---	7.61699	2237.1138	172.637	165.45	331.77	3
19771	C17H36O	4-propoxy-tetradecane	---	7.61699	2237.1138	172.637	165.45	331.77	3
19772	C17H36O	5-propoxy-tetradecane	---	7.61699	2237.1138	172.637	165.45	331.77	3
19773	C17H36O	6-propoxy-tetradecane	---	7.61699	2237.1138	172.637	165.45	331.77	3
19774	C17H36O	7-propoxy-tetradecane	---	7.61699	2237.1138	172.637	165.45	331.77	3
19775	C17H36O	1-isopropoxy-tetradecane	---	7.44446	2161.9646	174.027	161.45	333.17	3
19776	C17H36O	2-isopropoxy-tetradecane	---	7.44446	2161.9646	174.027	161.45	333.17	3
19777	C17H36O	3-isopropoxy-tetradecane	---	7.44446	2161.9646	174.027	161.45	333.17	3
19778	C17H36O	4-isopropoxy-tetradecane	---	7.44446	2161.9646	174.027	161.45	333.17	3
19779	C17H36O	5-isopropoxy-tetradecane	---	7.44446	2161.9646	174.027	161.45	333.17	3
19780	C17H36O	6-isopropoxy-tetradecane	---	7.44446	2161.9646	174.027	161.45	333.17	3
19781	C17H36O	7-isopropoxy-tetradecane	---	7.44446	2161.9646	174.027	161.45	333.17	3
19782	C17H36O2	1,2-heptadecanediol	34719-63-6	11.69687	4126.3199	150.980	234.77	333.61	3
19783	C17H36O2	1,3-heptadecanediol	---	12.89940	4658.5224	147.922	243.57	331.47	3
19784	C17H36O2	1,4-heptadecanediol	---	16.23174	6130.0776	142.084	260.37	327.66	3
19785	C17H36O2	1,17-heptadecanediol	66577-59-1	13.97209	5132.6448	145.698	249.97	329.98	3
19786	C17H36S	1-heptadecanethiol	53193-22-9	7.71565	2441.1088	159.318	204.18	379.11	2
19787	C17H36S	2-heptadecanethiol	66577-60-4	7.48440	2333.3240	161.266	198.57	381.04	2
19788	C17H36S	3-heptadecanethiol	---	7.45108	2317.0677	161.405	197.77	381.33	2
19789	C17H36S	4-heptadecanethiol	---	7.43543	2309.7682	161.544	197.37	381.47	2
19790	C17H36S	5-heptadecanethiol	---	7.41987	2302.5071	161.683	196.97	381.61	2
19791	C17H36S	6-heptadecanethiol	---	7.40439	2295.2841	161.822	196.57	381.76	2
19792	C17H36S	7-heptadecanethiol	---	7.38899	2288.0989	161.961	196.17	381.90	2
19793	C17H36S	8-heptadecanethiol	---	7.37368	2280.9511	162.100	195.77	382.04	2
19794	C17H36S	9-heptadecanethiol	---	7.35845	2273.8404	162.239	195.37	382.18	2
19795	C17H36S	2-methyl-1-hexadecanethiol	---	7.46712	2324.5530	161.264	198.18	381.19	2
19796	C17H36S	3-methyl-1-hexadecanethiol	---	7.45139	2317.2141	161.403	197.78	381.33	2
19797	C17H36S	4-methyl-1-hexadecanethiol	---	7.43574	2309.9138	161.542	197.38	381.47	2
19798	C17H36S	5-methyl-1-hexadecanethiol	---	7.42018	2302.6520	161.681	196.98	381.61	2
19799	C17H36S	6-methyl-1-hexadecanethiol	---	7.40470	2295.4282	161.820	196.58	381.75	2
19800	C17H36S	7-methyl-1-hexadecanethiol	---	7.38930	2288.2422	161.959	196.18	381.90	2
19801	C17H36S	8-methyl-1-hexadecanethiol	---	7.37399	2281.0936	162.098	195.78	382.04	2
19802	C17H36S	9-methyl-1-hexadecanethiol	---	7.35875	2273.9823	162.237	195.38	382.18	2
19803	C17H36S	10-methyl-1-hexadecanethiol	---	7.34360	2266.9077	162.376	194.98	382.32	2
19804	C17H36S	11-methyl-1-hexadecanethiol	---	7.32853	2259.8698	162.515	194.58	382.47	2
19805	C17H36S	12-methyl-1-hexadecanethiol	---	7.31353	2252.8681	162.654	194.18	382.61	2
19806	C17H36S	13-methyl-1-hexadecanethiol	---	7.29862	2245.9025	162.793	193.78	382.76	2
19807	C17H36S	14-methyl-1-hexadecanethiol	---	7.28379	2238.9726	162.932	193.38	382.90	2
19808	C17H36S	15-methyl-1-hexadecanethiol	---	7.26903	2232.0781	163.071	192.98	383.05	2
19809	C17H36S	2-methyl-2-hexadecanethiol	---	7.25435	2225.2187	163.210	192.58	383.19	2
19810	C17H36S	3-methyl-2-hexadecanethiol	---	7.23974	2218.3942	163.349	192.18	383.34	2
19811	C17H36S	4-methyl-2-hexadecanethiol	---	7.22522	2211.6044	163.488	191.78	383.48	2
19812	C17H36S	5-methyl-2-hexadecanethiol	---	7.21076	2204.8489	163.627	191.38	383.63	2
19813	C17H36S	6-methyl-2-hexadecanethiol	---	7.19639	2198.1274	163.766	190.98	383.78	2
19814	C17H36S	7-methyl-2-hexadecanethiol	---	7.18208	2191.4398	163.905	190.58	383.92	2
19815	C17H36S	8-methyl-2-hexadecanethiol	---	7.16785	2184.7857	164.044	190.18	384.07	2
19816	C17H36S	9-methyl-2-hexadecanethiol	---	7.15369	2178.1649	164.183	189.78	384.22	2
19817	C17H36S	10-methyl-2-hexadecanethiol	---	7.13961	2171.5772	164.322	189.38	384.37	2
19818	C17H36S	11-methyl-2-hexadecanethiol	---	7.12560	2165.0222	164.461	188.98	384.51	2
19819	C17H36S	12-methyl-2-hexadecanethiol	---	7.11166	2158.4997	164.600	188.58	384.66	2
19820	C17H36S	13-methyl-2-hexadecanethiol	---	7.09779	2152.0096	164.739	188.18	384.81	2
19821	C17H36S	14-methyl-2-hexadecanethiol	---	7.08399	2145.5515	164.878	187.78	384.96	2
19822	C17H36S	15-methyl-2-hexadecanethiol	---	7.07026	2139.1251	165.017	187.38	385.11	2
19823	C17H36S	2-thiaoctadecane	27563-68-4	7.83693	2417.6727	162.234	191.39	357.13	2
19824	C17H36S	3-thiaoctadecane	64919-20-6	7.80028	2401.1652	162.512	190.59	357.40	2
19825	C17H36S	4-thiaoctadecane	66577-61-5	7.76407	2384.8482	162.790	189.79	357.67	2
19826	C17H36S	5-thiaoctadecane	66577-62-6	7.72829	2368.7184	163.068	188.99	357.94	2
19827	C17H36S	6-thiaoctadecane	---	7.69292	2352.7724	163.346	188.19	358.21	2
19828	C17H36S	7-thiaoctadecane	---	7.65796	2337.0071	163.624	187.39	358.48	2
19829	C17H36S	8-thiaoctadecane	---	7.62340	2321.4194	163.902	186.59	358.76	2
19830	C17H36S	9-thiaoctadecane	---	7.58923	2306.0061	164.180	185.79	359.03	2
19831	C17H36S	3-methyl-2-thiaheptadecane	---	7.48905	2260.7839	165.014	183.39	359.87	2
19832	C17H36S	4-methyl-2-thiaheptadecane	---	7.45640	2246.0395	165.292	182.59	360.15	2
19833	C17H36S	5-methyl-2-thiaheptadecane	---	7.42412	2231.4554	165.570	181.79	360.43	2
19834	C17H36S	6-methyl-2-thiaheptadecane	---	7.39219	2217.0289	165.848	180.99	360.72	2
19835	C17H36S	7-methyl-2-thiaheptadecane	---	7.36062	2202.7574	166.126	180.19	361.00	2
19836	C17H36S	8-methyl-2-thiaheptadecane	---	7.32939	2188.6383	166.404	179.39	361.29	2
19837	C17H36S	9-methyl-2-thiaheptadecane	---	7.29850	2174.6692	166.682	178.59	361.58	2
19838	C17H36S	10-methyl-2-thiaheptadecane	---	7.26795	2160.8477	166.960	177.79	361.87	2
19839	C17H36S	2-methyl-3-thiaheptadecane	---	7.45640	2246.0395	165.292	182.59	360.15	2
19840	C17H36S	4-methyl-3-thiaheptadecane	---	7.42412	2231.4554	165.570	181.79	360.43	2

Table 1 Vapor Pressure – Organic Compounds

log ₁₀ P = A - B/(T + C) (P - mm Hg, T - C)									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
19841	C17H36S	5-methyl-3-thiaheptadecane	---	7.39219	2217.0289	165.848	180.99	360.72	2
19842	C17H36S	6-methyl-3-thiaheptadecane	---	7.36062	2202.7574	166.126	180.19	361.00	2
19843	C17H36S	7-methyl-3-thiaheptadecane	---	7.32939	2188.6383	166.404	179.39	361.29	2
19844	C17H36S	8-methyl-3-thiaheptadecane	---	7.29850	2174.6692	166.682	178.59	361.58	2
19845	C17H36S	9-methyl-3-thiaheptadecane	---	7.26795	2160.8477	166.960	177.79	361.87	2
19846	C17H36S	10-methyl-3-thiaheptadecane	---	7.23772	2147.1713	167.238	176.99	362.16	2
19847	C17H36S2	1,17-heptadecanedithiol	---	6.64431	2122.8447	148.662	227.44	464.44	2
19848	C17H36S2	1,16-heptadecanedithiol	---	6.63371	2117.3882	148.801	227.04	464.60	2
19849	C17H36S2	1,15-heptadecanedithiol	---	6.62315	2111.9541	148.940	226.64	464.77	2
19850	C17H36S2	1,14-heptadecanedithiol	---	6.61265	2106.5423	149.079	226.24	464.93	2
19851	C17H36S2	1,12-heptadecanedithiol	---	6.60218	2101.1527	149.218	225.84	465.09	2
19852	C17H36S2	1,11-heptadecanedithiol	---	6.59176	2095.7849	149.357	225.44	465.26	2
19853	C17H36S2	1,10-heptadecanedithiol	---	6.58138	2090.4391	149.496	225.04	465.42	2
19854	C17H36S2	1,9-heptadecanedithiol	---	6.57105	2085.1149	149.635	224.64	465.59	2
19855	C17H36S2	1,8-heptadecanedithiol	---	6.56076	2079.8123	149.774	224.24	465.75	2
19856	C17H36S2	1,7-heptadecanedithiol	---	6.55051	2074.5311	149.913	223.84	465.92	2
19857	C17H36S2	1,6-heptadecanedithiol	---	6.54031	2069.2713	150.052	223.44	466.08	2
19858	C17H36S2	1,5-heptadecanedithiol	---	6.53015	2064.0326	150.191	223.04	466.25	2
19859	C17H36S2	1,4-heptadecanedithiol	---	6.52003	2058.8149	150.330	222.64	466.42	2
19860	C17H36S2	1,3-heptadecanedithiol	---	6.50995	2053.6182	150.469	222.24	466.58	2
19861	C17H36S2	1,2-heptadecanedithiol	---	6.49992	2048.4422	150.608	221.84	466.75	2
19862	C17H36S2	2,3-dithianonadecane	---	7.36460	2330.9106	154.453	211.78	402.81	2
19863	C17H36S2	3,4-dithianonadecane	---	7.33501	2316.7683	154.731	210.98	403.10	2
19864	C17H36S2	4,5-dithianonadecane	---	7.30573	2302.7682	155.009	210.18	403.39	2
19865	C17H36S2	5,6-dithianonadecane	---	7.27675	2288.9082	155.287	209.38	403.68	2
19866	C17H36S2	6,7-dithianonadecane	---	7.24807	2275.1862	155.565	208.58	403.97	2
19867	C17H36S2	7,8-dithianonadecane	---	7.21967	2261.5999	155.843	207.78	404.26	2
19868	C17H36S2	8,9-dithianonadecane	---	7.19156	2248.1475	156.121	206.98	404.55	2
19869	C17H36S2	10,11-dithianonadecane	---	7.16374	2234.8267	156.399	206.18	404.85	2
19870	C17H36S2	2,4-dithiaoctadecane	---	7.67834	2480.6739	151.673	219.78	400.02	2
19871	C17H36S2	3,5-dithiaoctadecane	---	7.64543	2464.9779	151.951	218.98	400.29	2
19872	C17H36S2	4,6-dithiaoctadecane	---	7.61287	2449.4488	152.229	218.18	400.57	2
19873	C17H36S2	5,7-dithiaoctadecane	---	7.58066	2434.0839	152.507	217.38	400.84	2
19874	C17H36S2	6,8-dithiaoctadecane	---	7.54880	2418.8805	152.785	216.58	401.12	2
19875	C17H36S2	7,9-dithiaoctadecane	---	7.51728	2403.8360	153.063	215.78	401.40	2
19876	C17H36S2	8,10-dithiaoctadecane	---	7.48609	2388.9479	153.341	214.98	401.68	2
19877	C17H36S2	9,11-dithiaoctadecane	---	7.45524	2374.2137	153.619	214.18	401.96	2
19878	C17H37N	heptadecylamine	4200-95-7	7.95795	2522.1198	160.710	201.77	367.36	1,2
19879	C17H37N	methylhexadecylamine	13417-08-8	7.78742	2382.3592	166.826	184.17	350.45	2
19880	C17H37N	ethylpentadecylamine	56392-13-3	7.82411	2398.7994	166.548	184.97	350.18	2
19881	C17H37N	dimethylpentadecylamine	17678-60-3	8.45415	2600.8142	167.938	180.97	325.36	2
19882	C17H37N	diethyltridecylamine	66577-48-8	7.43317	2157.2743	175.166	160.17	332.27	2
19883	C17H37N	methyldeciolamine	4455-26-9	8.53835	2637.2751	167.438	182.41	324.91	2
19884	C18H10Cl2O2S2	mikethren red violet	5462-29-3	6.94010	4856.9000	273.150	544.50	1019.18	3
19885	C18H12	chrysene	218-01-9	7.13770	2539.1834	148.439	265	493	1,2
19886	C18H14	m-terphenyl	92-06-8	11.02798	4010.3167	184.933	215	326	3
19887	C18H14	o-terphenyl	84-15-1	8.46018	2773.2502	189.753	182	336	3
19888	C18H14	5,12-dihydronaphthacene	959-02-4	13.90254	6396.7434	273.074	223	324	3
19889	C18H14	2,3-dimethylfluoranthene	23339-04-0	5.24491	1374.4215	169.071	155	497	3
19890	C18H14	7,8-dimethylfluoranthene	38048-87-2	5.24491	1374.4215	169.071	155	497	3
19891	C18H14	8,9-dimethylfluoranthene	25889-63-8	5.24491	1374.4215	169.071	155	497	3
19892	C18H15O4P	triphenyl phosphate	115-86-6	8.18951	3328.6394	213.517	249	451	3
19893	C18H15P	triphenylphosphine	603-35-0	7.72816	2717.5236	183.621	220	414	3
19894	C18H16N2	N,N'-diphenyl-p-phenylenediamine	74-31-7	11.87421	4881.3216	149.175	300	412	3
19895	C18H18	1-methyl-7-isopropylphenanthrene	483-65-8	6.89403	2193.4968	144.906	227	446	3
19896	C18H18	2-(tert-butyl)anthracene	18801-00-8	6.23179	1857.4415	147.636	207	461	2
19897	C18H18	2,3,9,10-tetramethylanthracene	66552-77-0	6.23179	1857.4415	147.636	207	461	2
19898	C18H18	1:2:3:4-tetramethylphenanthrene	4466-77-7	6.89403	2193.4968	144.906	227	446	3
19899	C18H18	9-butylnanthracene	1498-69-7	11.88538	4866.0242	228.732	218	330	3
19900	C18H20	1,1-diphenyl-1-hexene	1530-19-4	7.08382	2052.7670	166.604	171	359	1,2
19901	C18H20	2,4-diphenyl-4-methyl-1-pentene	6362-80-7	7.15717	2138.7435	161.308	186	377	2
19902	C18H20	[3.3]-paracyclophane	2913-24-8	8.25502	3154.5190	273.150	162	349	3
19903	C18H22	2,2',4',4',6',6'-hexamethyl-1,1'-biphenyl	4482-03-5	6.14688	1680.2930	173.498	153	393	2
19904	C18H22	1,1-diphenylhexane	1530-04-7	7.11962	2067.8922	166.818	171	358	1,2
19905	C18H22	2,3-dimethyl-2,3-diphenylbutane	1889-67-4	6.61089	1880.8149	168.258	167	380	2
19906	C18H22	1,1'-(1,6-hexanediyl)bisbenzene	1087-49-6	6.75296	1503.8863	72.414	189	349	3
19907	C18H22	4-hexylbiphenyl	59662-31-6	6.63189	1905.9411	167.133	171	385	2
19908	C18H22	1-p-tolyl-1(para-propylphenyl)ethane	900000-04-6	7.78443	2431.8647	179.961	178	348	3
19909	C18H22	2,2-di-p-tolylbutane	900000-05-7	7.60665	2344.0224	180.030	175	350	3
19910	C18H22	1-o-tolyl-p-tolylbutane	900000-06-8	7.40165	2242.1207	179.981	170	351	3
19911	C18H24	1-octyl-naphthalene	2876-51-9	7.33857	2229.1362	158.208	193	378	1,2
19912	C18H24	2-octyl-naphthalene	2876-44-0	7.62711	2340.9891	157.374	196	369	1,2
19913	C18H24	2,6-bis(1,1-dimethylethyl)-naphthalene	3905-64-4	7.03338	2052.2054	164.352	176	368	1,2
19914	C18H24	1,2,3,4,4a,7,8,9,10,11,12,12a-dodekahydrochrysene	1610-22-6	11.13810	4552.8615	233.268	216	339	3
19915	C18H28	1-octyl-[1,2,3,4-tetrahydronaphthalene]	29138-91-8	6.77212	1985.6333	162.934	181	390	2
19916	C18H28	2-octyl-[1,2,3,4-tetrahydronaphthalene]	66553-10-4	6.87256	2032.4481	161.822	184	389	2
19917	C18H30	dodecylbenzene	123-01-3	7.50144	2304.1901	171.065	183	362	1,2
19918	C18H30	hexaethylbenzene	604-88-6	7.61262	2455.1527	220.811	150	333	1,2
19919	C18H30	1,2,4,5-tetraisopropylbenzene	635-11-0	5.84573	1507.6642	184.062	127	382	2
19920	C18H30	7,11-octadecadiyne	103697-14-9	6.66272	1939.7279	173.458	169	384	2

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mm Hg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
19921	C18H30	1,3,5-tri-tert-butylbenzene	1460-02-2	5.66836	1425.9142	187.093	118	386	2
19922	C18H30	1,2,4-tri-tert-butylbenzene	1459-11-6	6.52957	1816.7041	173.458	155	369	2
19923	C18H30O	2,4,6-tri-tert-butylphenol	732-26-3	6.47610	1788.2229	178.780	148	364	3
19924	C18H30O	4-sec-butyl-2,6-di-tert-butylphenol	17540-75-9	6.73802	1906.6997	175.722	157	360	3
19925	C18H30O	4-dodecylphenol	104-43-8	7.03002	2038.3537	172.664	165	357	3
19926	C18H30O	dodecylphenols	27193-86-8	6.73802	1906.6997	175.722	156.57	360.44	3
19927	C18H31N	4-dodecylaniline	104-42-7	6.90945	1989.1812	170.760	166	363	2
19928	C18H32	1,1':2',1''-tercyclohexane	2456-43-1	8.21266	2999.3568	236.011	180	360	3
19929	C18H32	9-butyltetrahydro-anthracene	900001-31-2	8.82602	3565.1917	273.150	182	359	3
19930	C18H32O	2-octadecynal	---	6.71198	2121.1671	155.984	215	445	3
19931	C18H32O2	2-octadecynoic acid	---	7.71735	2751.4556	135.614	274	471	3
19932	C18H32O2	3-octadecynoic acid	---	7.71735	2751.4556	135.614	274	471	3
19933	C18H32O2	4-octadecynoic acid	---	7.71735	2751.4556	135.614	274	471	3
19934	C18H32O2	5-octadecynoic acid	---	7.71735	2751.4556	135.614	273.99	471.03	3
19935	C18H32O2	6-octadecynoic acid	544-74-1	7.71735	2751.4556	135.614	274	471	3
19936	C18H32O2	7-octadecynoic acid	---	7.71735	2751.4556	135.614	274	471	3
19937	C18H32O2	8-octadecynoic acid	---	7.71735	2751.4556	135.614	274	471	3
19938	C18H32O2	9-octadecynoic acid	506-24-1	7.71735	2751.4556	135.614	273.99	471.03	3
19939	C18H32O2	10-octadecynoic acid	---	7.71735	2751.4556	135.614	274	471	3
19940	C18H32O2	11-octadecynoic acid	---	7.71735	2751.4556	135.614	273.99	471.03	3
19941	C18H32O2	12-octadecynoic acid	---	7.71735	2751.4556	135.614	274	471	3
19942	C18H32O2	13-octadecynoic acid	---	7.71735	2751.4556	135.614	274	471	3
19943	C18H32O2	14-octadecynoic acid	---	7.71735	2751.4556	135.614	274	471	3
19944	C18H32O2	15-octadecynoic acid	---	7.71735	2751.4556	135.614	274	471	3
19945	C18H32O2	16-octadecynoic acid	---	7.71735	2751.4556	135.614	274	471	3
19946	C18H32O2	17-octadecynoic acid	506-25-2	7.71735	2751.4556	135.614	274	471	3
19947	C18H32O2	4-methyl-2-heptadecynoic acid	---	7.71735	2751.4556	135.614	273.99	471.03	3
19948	C18H32O2	5-methyl-2-heptadecynoic acid	---	7.71735	2751.4556	135.614	274	471	3
19949	C18H32O2	6-methyl-2-heptadecynoic acid	---	7.71735	2751.4556	135.614	274	471	3
19950	C18H32O2	7-methyl-2-heptadecynoic acid	---	7.71735	2751.4556	135.614	274	471	3
19951	C18H32O2	8-methyl-2-heptadecynoic acid	---	7.71735	2751.4556	135.614	274	471	3
19952	C18H32O2	9-methyl-2-heptadecynoic acid	---	7.71735	2751.4556	135.614	274	471	3
19953	C18H32O2	10-methyl-2-heptadecynoic acid	---	7.71735	2751.4556	135.614	274	471	3
19954	C18H32O2	11-methyl-2-heptadecynoic acid	---	7.71735	2751.4556	135.614	274	471	3
19955	C18H32O2	12-methyl-2-heptadecynoic acid	---	7.71735	2751.4556	135.614	274	471	3
19956	C18H32O2	13-methyl-2-heptadecynoic acid	---	7.71735	2751.4556	135.614	274	471	3
19957	C18H32O2	14-methyl-2-heptadecynoic acid	---	7.71735	2751.4556	135.614	274	471	3
19958	C18H32O2	15-methyl-2-heptadecynoic acid	---	7.71735	2751.4556	135.614	274	471	3
19959	C18H32O2	16-methyl-2-heptadecynoic acid	---	7.71735	2751.4556	135.614	274	471	3
19960	C18H32O2	2-methyl-3-heptadecynoic acid	---	7.71735	2751.4556	135.614	274	471	3
19961	C18H32O2	5-methyl-3-heptadecynoic acid	---	7.71735	2751.4556	135.614	274	471	3
19962	C18H32O2	6-methyl-3-heptadecynoic acid	---	7.71735	2751.4556	135.614	274	471	3
19963	C18H32O2	7-methyl-3-heptadecynoic acid	---	7.71735	2751.4556	135.614	274	471	3
19964	C18H32O2	8-methyl-3-heptadecynoic acid	---	7.71735	2751.4556	135.614	274	471	3
19965	C18H32O2	9-methyl-3-heptadecynoic acid	---	7.71735	2751.4556	135.614	274	471	3
19966	C18H32O2	10-methyl-3-heptadecynoic acid	---	7.71735	2751.4556	135.614	274	471	3
19967	C18H32O2	11-methyl-3-heptadecynoic acid	---	7.71735	2751.4556	135.614	274	471	3
19968	C18H32O2	12-methyl-3-heptadecynoic acid	---	7.71735	2751.4556	135.614	274	471	3
19969	C18H32O2	13-methyl-3-heptadecynoic acid	---	7.71735	2751.4556	135.614	274	471	3
19970	C18H32O2	14-methyl-3-heptadecynoic acid	---	7.71735	2751.4556	135.614	274	471	3
19971	C18H32O2	15-methyl-3-heptadecynoic acid	---	7.71735	2751.4556	135.614	274	471	3
19972	C18H32O2	16-methyl-3-heptadecynoic acid	---	7.71735	2751.4556	135.614	274	471	3
19973	C18H32O2	2-methyl-4-heptadecynoic acid	---	7.71735	2751.4556	135.614	274	471	3
19974	C18H32O2	3-methyl-4-heptadecynoic acid	---	7.71735	2751.4556	135.614	274	471	3
19975	C18H32O2	6-methyl-4-heptadecynoic acid	---	7.71735	2751.4556	135.614	274	471	3
19976	C18H32O2	7-methyl-4-heptadecynoic acid	---	7.71735	2751.4556	135.614	274	471	3
19977	C18H32O2	8-methyl-4-heptadecynoic acid	---	7.71735	2751.4556	135.614	274	471	3
19978	C18H32O2	9-methyl-4-heptadecynoic acid	---	7.71735	2751.4556	135.614	274	471	3
19979	C18H32O2	10-methyl-4-heptadecynoic acid	---	7.71735	2751.4556	135.614	274	471	3
19980	C18H32O2	11-methyl-4-heptadecynoic acid	---	7.71735	2751.4556	135.614	274	471	3
19981	C18H32O2	12-methyl-4-heptadecynoic acid	---	7.71735	2751.4556	135.614	274	471	3
19982	C18H32O2	13-methyl-4-heptadecynoic acid	---	7.71735	2751.4556	135.614	274	471	3
19983	C18H32O2	14-methyl-4-heptadecynoic acid	---	7.71735	2751.4556	135.614	274	471	3
19984	C18H32O2	15-methyl-4-heptadecynoic acid	---	7.71735	2751.4556	135.614	274	471	3
19985	C18H32O2	16-methyl-4-heptadecynoic acid	---	7.71735	2751.4556	135.614	274	471	3
19986	C18H32O2	4-ethyl-2-hexadecynoic acid	---	7.71735	2751.4556	135.614	274	471	3
19987	C18H32O2	5-ethyl-2-hexadecynoic acid	---	7.71735	2751.4556	135.614	274	471	3
19988	C18H32O2	6-ethyl-2-hexadecynoic acid	---	7.71735	2751.4556	135.614	274	471	3
19989	C18H32O2	7-ethyl-2-hexadecynoic acid	---	7.71735	2751.4556	135.614	274	471	3
19990	C18H32O2	8-ethyl-2-hexadecynoic acid	---	7.71735	2751.4556	135.614	274	471	3
19991	C18H32O2	9-ethyl-2-hexadecynoic acid	---	7.71735	2751.4556	135.614	274	471	3
19992	C18H32O2	10-ethyl-2-hexadecynoic acid	---	7.71735	2751.4556	135.614	274	471	3
19993	C18H32O2	11-ethyl-2-hexadecynoic acid	---	7.71735	2751.4556	135.614	274	471	3
19994	C18H32O2	12-ethyl-2-hexadecynoic acid	---	7.71735	2751.4556	135.614	274	471	3
19995	C18H32O2	13-ethyl-2-hexadecynoic acid	---	7.71735	2751.4556	135.614	274	471	3
19996	C18H32O2	14-ethyl-2-hexadecynoic acid	---	7.71735	2751.4556	135.614	274	471	3
19997	C18H32O2	15-ethyl-2-hexadecynoic acid	---	7.71735	2751.4556	135.614	274	471	3
19998	C18H32O2	linoleic acid	60-33-3	7.84215	2664.8969	173.974	216	398	3
19999	C18H32S	2-tetradecylthiophene	---	7.20309	2201.1896	161.044	194	386	2
20000	C18H32S	3-tetradecylthiophene	---	7.26119	2228.3451	160.488	195	386	2

Table 1 Vapor Pressure – Organic Compounds

NO	FORMULA	NAME	$\log_{10} P = A - B/(T + C)$ (P - mm Hg, T - C)						
			CAS No	A	B	C	TMIN	TMAX	code
20001	C18H32S	2-isotetradecylthiophene	---	7.06296	2135.6404	162.434	190	388	2
20002	C18H32S	3-isotetradecylthiophene	---	7.11815	2161.4692	161.878	191	387	2
20003	C18H32S	2-sec-tetradecylthiophene	---	6.92973	2073.2359	163.824	185.81	389.35	2
20004	C18H32S	3-sec-tetradecylthiophene	---	6.98223	2097.8354	163.268	187	389	2
20005	C18H32S	2-tert-tetradecylthiophene	---	6.80291	2013.7495	165.214	182	391	2
20006	C18H32S	3-tert-tetradecylthiophene	---	6.85290	2037.2075	164.658	183	390	2
20007	C18H32S	2-methyl-3-tridecylthiophene	---	7.23199	2214.6984	160.766	195	386	2
20008	C18H32S	2-methyl-4-tridecyl thiophene	---	7.26119	2228.3451	160.488	195	386	2
20009	C18H32S	2-methyl-5-tridecyl thiophene	---	7.29070	2242.1318	160.210	196	385	2
20010	C18H32S	3-methyl-2-tridecylthiophene	---	7.29070	2242.1318	160.210	196	385	2
20011	C18H32S	3-methyl-4-tridecyl thiophene	---	7.32053	2256.0609	159.932	197	385	2
20012	C18H32S	3-methyl-5-tridecylthiophene	---	7.35067	2270.1344	159.654	198	385	2
20013	C18H33N	cis-9-octadecenitrile	112-91-4	5.92991	1724.1799	163.768	185.97	463.65	2
20014	C18H34	1-octadecyne	629-89-0	7.58656	2271.2145	169.048	175.78	346.58	2
20015	C18H34	2-octadecyne	61847-97-0	8.03037	2468.2521	165.714	185.37	343.36	2
20016	C18H34	3-octadecyne	61886-64-4	7.62085	2286.4605	168.772	176.57	346.31	2
20017	C18H34	4-octadecyne	---	7.65590	2302.0365	168.494	177.37	346.04	2
20018	C18H34	5-octadecyne	---	7.69135	2317.7926	168.216	178.17	345.76	2
20019	C18H34	6-octadecyne	---	7.72723	2333.7318	167.938	178.97	345.49	2
20020	C18H34	7-octadecyne	---	7.76354	2349.8575	167.660	179.77	345.22	2
20021	C18H34	8-octadecyne	---	7.80028	2366.1730	167.382	180.57	344.95	2
20022	C18H34	9-octadecyne	35365-59-4	7.55198	2255.8360	169.328	175	347	2
20023	C18H34	3-methyl-1-heptadecyne	---	7.55198	2255.8360	169.328	175	347	2
20024	C18H34	4-methyl-1-heptadecyne	---	7.55198	2255.8360	169.328	175	347	2
20025	C18H34	5-methyl-1-heptadecyne	---	7.55198	2255.8360	169.328	175	347	2
20026	C18H34	6-methyl-1-heptadecyne	---	7.55198	2255.8360	169.328	175	347	2
20027	C18H34	7-methyl-1-heptadecyne	---	7.55198	2255.8360	169.328	174.97	346.87	2
20028	C18H34	8-methyl-1-heptadecyne	---	7.55198	2255.8360	169.328	175	347	2
20029	C18H34	9-methyl-1-heptadecyne	---	7.55198	2255.8360	169.328	175	347	2
20030	C18H34	10-methyl-1-heptadecyne	---	7.55198	2255.8360	169.328	175	347	2
20031	C18H34	11-methyl-1-heptadecyne	---	7.55198	2255.8360	169.328	174.97	346.87	2
20032	C18H34	12-methyl-1-heptadecyne	---	7.55198	2255.8360	169.328	174.97	346.87	2
20033	C18H34	13-methyl-1-heptadecyne	---	7.55198	2255.8360	169.328	174.97	346.87	2
20034	C18H34	14-methyl-1-heptadecyne	---	7.55198	2255.8360	169.328	174.97	346.87	2
20035	C18H34	15-methyl-1-heptadecyne	---	7.55198	2255.8360	169.328	174.97	346.87	2
20036	C18H34	16-methyl-1-heptadecyne	---	7.55198	2255.8360	169.328	174.97	346.87	2
20037	C18H34	4-methyl-2-heptadecyne	---	7.55198	2255.8360	169.328	174.97	346.87	2
20038	C18H34	5-methyl-2-heptadecyne	---	7.55198	2255.8360	169.328	174.97	346.87	2
20039	C18H34	6-methyl-2-heptadecyne	---	7.55198	2255.8360	169.328	174.97	346.87	2
20040	C18H34	7-methyl-2-heptadecyne	---	7.55198	2255.8360	169.328	174.97	346.87	2
20041	C18H34	8-methyl-2-heptadecyne	---	7.55198	2255.8360	169.328	174.97	346.87	2
20042	C18H34	9-methyl-2-heptadecyne	---	7.55198	2255.8360	169.328	174.97	346.87	2
20043	C18H34	10-methyl-2-heptadecyne	---	7.55198	2255.8360	169.328	174.97	346.87	2
20044	C18H34	11-methyl-2-heptadecyne	---	7.55198	2255.8360	169.328	174.97	346.87	2
20045	C18H34	12-methyl-2-heptadecyne	---	7.55198	2255.8360	169.328	174.97	346.87	2
20046	C18H34	13-methyl-2-heptadecyne	---	7.55198	2255.8360	169.328	174.97	346.87	2
20047	C18H34	14-methyl-2-heptadecyne	---	7.55198	2255.8360	169.328	174.97	346.87	2
20048	C18H34	15-methyl-2-heptadecyne	---	7.55198	2255.8360	169.328	174.97	346.87	2
20049	C18H34	16-methyl-2-heptadecyne	---	7.55198	2255.8360	169.328	174.97	346.87	2
20050	C18H34	5-methyl-3-heptadecyne	---	7.55198	2255.8360	169.328	174.97	346.87	2
20051	C18H34	6-methyl-3-heptadecyne	---	7.55198	2255.8360	169.328	174.97	346.87	2
20052	C18H34	7-methyl-3-heptadecyne	---	7.55198	2255.8360	169.328	174.97	346.87	2
20053	C18H34	8-methyl-3-heptadecyne	---	7.55198	2255.8360	169.328	174.97	346.87	2
20054	C18H34	9-methyl-3-heptadecyne	---	7.55198	2255.8360	169.328	174.97	346.87	2
20055	C18H34	10-methyl-3-heptadecyne	---	7.55198	2255.8360	169.328	174.97	346.87	2
20056	C18H34	11-methyl-3-heptadecyne	---	7.55198	2255.8360	169.328	174.97	346.87	2
20057	C18H34	12-methyl-3-heptadecyne	---	7.55198	2255.8360	169.328	174.97	346.87	2
20058	C18H34	13-methyl-3-heptadecyne	---	7.55198	2255.8360	169.328	174.97	346.87	2
20059	C18H34	14-methyl-3-heptadecyne	---	7.55198	2255.8360	169.328	174.97	346.87	2
20060	C18H34	15-methyl-3-heptadecyne	---	7.55198	2255.8360	169.328	174.97	346.87	2
20061	C18H34	16-methyl-3-heptadecyne	---	7.55198	2255.8360	169.328	174.97	346.87	2
20062	C18H34	3,3-dimethyl-1-hexadecyne	---	7.32296	2153.8815	171.274	169.37	348.85	2
20063	C18H34	3,4-dimethyl-1-hexadecyne	---	7.32296	2153.8815	171.274	169.37	348.85	2
20064	C18H34	3,5-dimethyl-1-hexadecyne	---	7.32296	2153.8815	171.274	169.37	348.85	2
20065	C18H34	3,6-dimethyl-1-hexadecyne	---	7.32296	2153.8815	171.274	169.37	348.85	2
20066	C18H34	3,7-dimethyl-1-hexadecyne	---	7.32296	2153.8815	171.274	169.37	348.85	2
20067	C18H34	3,8-dimethyl-1-hexadecyne	---	7.32296	2153.8815	171.274	169.37	348.85	2
20068	C18H34	3,9-dimethyl-1-hexadecyne	---	7.32296	2153.8815	171.274	169.37	348.85	2
20069	C18H34	3,10-dimethyl-1-hexadecyne	---	7.32296	2153.8815	171.274	169.37	348.85	2
20070	C18H34	3,11-dimethyl-1-hexadecyne	---	7.32296	2153.8815	171.274	169.37	348.85	2
20071	C18H34	3,12-dimethyl-1-hexadecyne	---	7.32296	2153.8815	171.274	169.37	348.85	2
20072	C18H34	3,13-dimethyl-1-hexadecyne	---	7.32296	2153.8815	171.274	169.37	348.85	2
20073	C18H34	3,14-dimethyl-1-hexadecyne	---	7.32296	2153.8815	171.274	169.37	348.85	2
20074	C18H34	3,15-dimethyl-1-hexadecyne	---	7.32296	2153.8815	171.274	169.37	348.85	2
20075	C18H34	4,4-dimethyl-2-hexadecyne	---	7.32296	2153.8815	171.274	169.37	348.85	2
20076	C18H34	4,5-dimethyl-2-hexadecyne	---	7.32296	2153.8815	171.274	169.37	348.85	2
20077	C18H34	4,6-dimethyl-2-hexadecyne	---	7.32296	2153.8815	171.274	169.37	348.85	2
20078	C18H34	4,7-dimethyl-2-hexadecyne	---	7.32296	2153.8815	171.274	169.37	348.85	2
20079	C18H34	4,8-dimethyl-2-hexadecyne	---	7.32296	2153.8815	171.274	169.37	348.85	2
20080	C18H34	4,9-dimethyl-2-hexadecyne	---	7.32296	2153.8815	171.274	169.37	348.85	2

Table 1 Vapor Pressure – Organic Compounds

NO	FORMULA	NAME	$\log_{10} P = A - B/(T + C) \quad (P - \text{mm Hg, } T - ^\circ\text{C})$						
			CAS No	A	B	C	TMIN	TMAX	code
20081	C18H34	4,10-dimethyl-2-hexadecyne	---	7.32296	2153.8815	171.274	169.37	348.85	2
20082	C18H34	4,11-dimethyl-2-hexadecyne	---	7.32296	2153.8815	171.274	169.37	348.85	2
20083	C18H34	4,12-dimethyl-2-hexadecyne	---	7.32296	2153.8815	171.274	169.37	348.85	2
20084	C18H34	4,13-dimethyl-2-hexadecyne	---	7.32296	2153.8815	171.274	169.37	348.85	2
20085	C18H34	4,14-dimethyl-2-hexadecyne	---	7.32296	2153.8815	171.274	169.37	348.85	2
20086	C18H34	4,15-dimethyl-2-hexadecyne	---	7.32296	2153.8815	171.274	169.37	348.85	2
20087	C18H34	4,14-dimethyl-2-pentadecyne	---	7.32296	2153.8815	171.274	169.37	348.85	2
20088	C18H34	3-ethyl-1-hexadecyne	---	7.55198	2255.8360	169.328	174.97	346.87	2
20089	C18H34	4-ethyl-1-hexadecyne	---	7.55198	2255.8360	169.328	174.97	346.87	2
20090	C18H34	5-ethyl-1-hexadecyne	---	7.55198	2255.8360	169.328	174.97	346.87	2
20091	C18H34	6-ethyl-1-hexadecyne	---	7.55198	2255.8360	169.328	174.97	346.87	2
20092	C18H34	7-ethyl-1-hexadecyne	---	7.55198	2255.8360	169.328	174.97	346.87	2
20093	C18H34	8-ethyl-1-hexadecyne	---	7.55198	2255.8360	169.328	174.97	346.87	2
20094	C18H34	9-ethyl-1-hexadecyne	---	7.55198	2255.8360	169.328	174.97	346.87	2
20095	C18H34	10-ethyl-1-hexadecyne	---	7.55198	2255.8360	169.328	174.97	346.87	2
20096	C18H34	11-ethyl-1-hexadecyne	---	7.55198	2255.8360	169.328	174.97	346.87	2
20097	C18H34	12-ethyl-1-hexadecyne	---	7.55198	2255.8360	169.328	174.97	346.87	2
20098	C18H34	13-ethyl-1-hexadecyne	---	7.55198	2255.8360	169.328	174.97	346.87	2
20099	C18H34	14-ethyl-1-hexadecyne	---	7.55198	2255.8360	169.328	174.97	346.87	2
20100	C18H34	15-ethyl-1-hexadecyne	---	7.55198	2255.8360	169.328	174.97	346.87	2
20101	C18H34	1,1-dicyclohexylhexane	55030-20-1	7.07671	2026.4275	167.104	166.37	353.18	1,2
20102	C18H34	1-tridecylcyclopentene	62184-78-5	7.25898	2160.6667	179.910	165.30	350.04	2
20103	C18H34O	2-octadecenal	56554-96-2	7.00839	2147.8798	160.710	196.77	400.60	3
20104	C18H34O	9-octadecenal	5090-41-5	6.93529	2121.7492	160.710	196.77	404.57	1,2
20105	C18H34O	cis-9-octadecenal	2423-10-1	7.37707	2332.9388	156.262	209.57	399.83	1,2
20106	C18H34O2	2-octadecenoic acid	---	7.51651	2527.0832	147.227	240.57	435.77	2
20107	C18H34O2	trans-2-octadecenoic acid	2825-79-8	7.51651	2527.0832	147.227	240.57	435.77	2
20108	C18H34O2	3-octadecenoic acid	---	7.51651	2527.0832	147.227	240.57	435.77	2
20109	C18H34O2	4-octadecenoic acid	---	7.51651	2527.0832	147.227	240.57	435.77	2
20110	C18H34O2	5-octadecenoic acid	---	7.51651	2527.0832	147.227	240.57	435.77	2
20111	C18H34O2	6-octadecenoic acid	---	7.51651	2527.0832	147.227	241	436	2
20112	C18H34O2	cis-6-octadecenoic acid	593-40-8	7.51651	2527.0832	147.227	241	436	2
20113	C18H34O2	trans-6-octadecenoic acid	593-39-5	7.51651	2527.0832	147.227	241	436	2
20114	C18H34O2	7-octadecenoic acid	---	7.51651	2527.0832	147.227	241	436	2
20115	C18H34O2	8-octadecenoic acid	---	7.51651	2527.0832	147.227	241	436	2
20116	C18H34O2	9-octadecenoic acid	---	7.51651	2527.0832	147.227	241	436	2
20117	C18H34O2	oleic acid	112-80-1	7.51651	2527.0832	147.227	241	436	2
20118	C18H34O2	elaidic acid	112-79-8	7.51651	2527.0832	147.227	241	436	2
20119	C18H34O2	10-octadecenoic acid	---	7.51651	2527.0832	147.227	240.57	435.77	2
20120	C18H34O2	11-octadecenoic acid	---	7.51651	2527.0832	147.227	240.57	435.77	2
20121	C18H34O2	cis-11-octadecenoic acid	506-17-2	7.51651	2527.0832	147.227	240.57	435.77	2
20122	C18H34O2	trans-11-octadecenoic acid	693-72-1	7.51651	2527.0832	147.227	241	436	2
20123	C18H34O2	12-octadecenoic acid	---	7.51651	2527.0832	147.227	240.57	435.77	2
20124	C18H34O2	13-octadecenoic acid	---	7.51651	2527.0832	147.227	240.57	435.77	2
20125	C18H34O2	14-octadecenoic acid	---	7.51651	2527.0832	147.227	240.57	435.77	2
20126	C18H34O2	15-octadecenoic acid	---	7.51651	2527.0832	147.227	240.57	435.77	2
20127	C18H34O2	16-octadecenoic acid	---	7.51651	2527.0832	147.227	240.57	435.77	2
20128	C18H34O2	17-octadecenoic acid	---	7.51651	2527.0832	147.227	240.57	435.77	2
20129	C18H34O2	2-methyl-2-heptadecenoic acid	---	7.28734	2411.9589	149.451	234.17	438.04	2
20130	C18H34O2	3-methyl-2-heptadecenoic acid	---	7.28734	2411.9589	149.451	234.17	438.04	2
20131	C18H34O2	4-methyl-2-heptadecenoic acid	---	7.28734	2411.9589	149.451	234.17	438.04	2
20132	C18H34O2	5-methyl-2-heptadecenoic acid	---	7.28734	2411.9589	149.451	234.17	438.04	2
20133	C18H34O2	6-methyl-2-heptadecenoic acid	---	7.28734	2411.9589	149.451	234.17	438.04	2
20134	C18H34O2	7-methyl-2-heptadecenoic acid	---	7.28734	2411.9589	149.451	234.17	438.04	2
20135	C18H34O2	8-methyl-2-heptadecenoic acid	---	7.28734	2411.9589	149.451	234.17	438.04	2
20136	C18H34O2	9-methyl-2-heptadecenoic acid	---	7.28734	2411.9589	149.451	234.17	438.04	2
20137	C18H34O2	10-methyl-2-heptadecenoic acid	---	7.28734	2411.9589	149.451	234.17	438.04	2
20138	C18H34O2	11-methyl-2-heptadecenoic acid	---	7.28734	2411.9589	149.451	234.17	438.04	2
20139	C18H34O2	12-methyl-2-heptadecenoic acid	---	7.28734	2411.9589	149.451	234.17	438.04	2
20140	C18H34O2	13-methyl-2-heptadecenoic acid	---	7.28734	2411.9589	149.451	234.17	438.04	2
20141	C18H34O2	14-methyl-2-heptadecenoic acid	---	7.28734	2411.9589	149.451	234.17	438.04	2
20142	C18H34O2	15-methyl-2-heptadecenoic acid	---	7.28734	2411.9589	149.451	234.17	438.04	2
20143	C18H34O2	16-methyl-2-heptadecenoic acid	---	7.28734	2411.9589	149.451	234.17	438.04	2
20144	C18H34O2	2-methyl-3-heptadecenoic acid	---	7.28734	2411.9589	149.451	234.17	438.04	2
20145	C18H34O2	3-methyl-3-heptadecenoic acid	---	7.28734	2411.9589	149.451	234.17	438.04	2
20146	C18H34O2	4-methyl-3-heptadecenoic acid	---	7.28734	2411.9589	149.451	234.17	438.04	2
20147	C18H34O2	5-methyl-3-heptadecenoic acid	---	7.28734	2411.9589	149.451	234.17	438.04	2
20148	C18H34O2	6-methyl-3-heptadecenoic acid	---	7.28734	2411.9589	149.451	234.17	438.04	2
20149	C18H34O2	7-methyl-3-heptadecenoic acid	---	7.28734	2411.9589	149.451	234.17	438.04	2
20150	C18H34O2	8-methyl-3-heptadecenoic acid	---	7.28734	2411.9589	149.451	234.17	438.04	2
20151	C18H34O2	9-methyl-3-heptadecenoic acid	---	7.28734	2411.9589	149.451	234.17	438.04	2
20152	C18H34O2	10-methyl-3-heptadecenoic acid	---	7.28734	2411.9589	149.451	234.17	438.04	2
20153	C18H34O2	11-methyl-3-heptadecenoic acid	---	7.28734	2411.9589	149.451	234.17	438.04	2
20154	C18H34O2	12-methyl-3-heptadecenoic acid	---	7.28734	2411.9589	149.451	234.17	438.04	2
20155	C18H34O2	13-methyl-3-heptadecenoic acid	---	7.28734	2411.9589	149.451	234.17	438.04	2
20156	C18H34O2	14-methyl-3-heptadecenoic acid	---	7.28734	2411.9589	149.451	234.17	438.04	2
20157	C18H34O2	15-methyl-3-heptadecenoic acid	---	7.28734	2411.9589	149.451	234.17	438.04	2
20158	C18H34O2	16-methyl-3-heptadecenoic acid	---	7.28734	2411.9589	149.451	234.17	438.04	2
20159	C18H34O2	2-methyl-4-heptadecenoic acid	---	7.28734	2411.9589	149.451	234.17	438.04	2
20160	C18H34O2	3-methyl-4-heptadecenoic acid	---	7.28734	2411.9589	149.451	234.17	438.04	2

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mm Hg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
20161	C18H34O2	4-methyl-4-heptadecenoic acid	---	7.28734	2411.9589	149.451	234.17	438.04	2
20162	C18H34O2	5-methyl-4-heptadecenoic acid	---	7.28734	2411.9589	149.451	234.17	438.04	2
20163	C18H34O2	6-methyl-4-heptadecenoic acid	---	7.28734	2411.9589	149.451	234.17	438.04	2
20164	C18H34O2	7-methyl-4-heptadecenoic acid	---	7.28734	2411.9589	149.451	234.17	438.04	2
20165	C18H34O2	8-methyl-4-heptadecenoic acid	---	7.28734	2411.9589	149.451	234.17	438.04	2
20166	C18H34O2	9-methyl-4-heptadecenoic acid	---	7.28734	2411.9589	149.451	234.17	438.04	2
20167	C18H34O2	10-methyl-4-heptadecenoic acid	---	7.28734	2411.9589	149.451	234.17	438.04	2
20168	C18H34O2	11-methyl-4-heptadecenoic acid	---	7.28734	2411.9589	149.451	234.17	438.04	2
20169	C18H34O2	12-methyl-4-heptadecenoic acid	---	7.28734	2411.9589	149.451	234.17	438.04	2
20170	C18H34O2	13-methyl-4-heptadecenoic acid	---	7.28734	2411.9589	149.451	234.17	438.04	2
20171	C18H34O2	14-methyl-4-heptadecenoic acid	---	7.28734	2411.9589	149.451	234.17	438.04	2
20172	C18H34O2	15-methyl-4-heptadecenoic acid	---	7.28734	2411.9589	149.451	234.17	438.04	2
20173	C18H34O2	16-methyl-4-heptadecenoic acid	---	7.28734	2411.9589	149.451	234.17	438.04	2
20174	C18H34O2	2,3-dimethyl-2-hexadecenoic acid	---	7.07542	2305.2904	151.675	227.77	440.40	2
20175	C18H34O2	2,4-dimethyl-2-hexadecenoic acid	---	7.07542	2305.2904	151.675	227.77	440.40	2
20176	C18H34O2	2,5-dimethyl-2-hexadecenoic acid	---	7.07542	2305.2904	151.675	227.77	440.40	2
20177	C18H34O2	2,6-dimethyl-2-hexadecenoic acid	---	7.07542	2305.2904	151.675	227.77	440.40	2
20178	C18H34O2	2,7-dimethyl-2-hexadecenoic acid	---	7.07542	2305.2904	151.675	227.77	440.40	2
20179	C18H34O2	2,8-dimethyl-2-hexadecenoic acid	---	7.07542	2305.2904	151.675	227.77	440.40	2
20180	C18H34O2	2,9-dimethyl-2-hexadecenoic acid	---	7.07542	2305.2904	151.675	227.77	440.40	2
20181	C18H34O2	2,10-dimethyl-2-hexadecenoic acid	---	7.07542	2305.2904	151.675	227.77	440.40	2
20182	C18H34O2	2,11-dimethyl-2-hexadecenoic acid	---	7.07542	2305.2904	151.675	227.77	440.40	2
20183	C18H34O2	2,12-dimethyl-2-hexadecenoic acid	---	7.07542	2305.2904	151.675	227.77	440.40	2
20184	C18H34O2	2,13-dimethyl-2-hexadecenoic acid	---	7.07542	2305.2904	151.675	227.77	440.40	2
20185	C18H34O2	2,14-dimethyl-2-hexadecenoic acid	---	7.07542	2305.2904	151.675	227.77	440.40	2
20186	C18H34O2	2,15-dimethyl-2-hexadecenoic acid	---	7.07542	2305.2904	151.675	227.77	440.40	2
20187	C18H34O2	2-ethyl-2-hexadecenoic acid	---	7.16614	2350.9796	150.702	230.57	439.36	2
20188	C18H34O2	3-ethyl-2-hexadecenoic acid	---	7.16614	2350.9796	150.702	230.57	439.36	2
20189	C18H34O2	4-ethyl-2-hexadecenoic acid	---	7.16614	2350.9796	150.702	230.57	439.36	2
20190	C18H34O2	5-ethyl-2-hexadecenoic acid	---	7.16614	2350.9796	150.702	230.57	439.36	2
20191	C18H34O2	6-ethyl-2-hexadecenoic acid	---	7.16614	2350.9796	150.702	230.57	439.36	2
20192	C18H34O2	7-ethyl-2-hexadecenoic acid	---	7.16614	2350.9796	150.702	230.57	439.36	2
20193	C18H34O2	8-ethyl-2-hexadecenoic acid	---	7.16614	2350.9796	150.702	230.57	439.36	2
20194	C18H34O2	9-ethyl-2-hexadecenoic acid	---	7.16614	2350.9796	150.702	230.57	439.36	2
20195	C18H34O2	10-ethyl-2-hexadecenoic acid	---	7.16614	2350.9796	150.702	230.57	439.36	2
20196	C18H34O2	11-ethyl-2-hexadecenoic acid	---	7.16614	2350.9796	150.702	230.57	439.36	2
20197	C18H34O2	12-ethyl-2-hexadecenoic acid	---	7.16614	2350.9796	150.702	230.57	439.36	2
20198	C18H34O2	13-ethyl-2-hexadecenoic acid	---	7.16614	2350.9796	150.702	230.57	439.36	2
20199	C18H34O2	14-ethyl-2-hexadecenoic acid	---	7.16614	2350.9796	150.702	230.57	439.36	2
20200	C18H34O2	15-ethyl-2-hexadecenoic acid	---	7.16614	2350.9796	150.702	230.57	439.36	2
20201	C18H34O4	dibutyl sebacate	109-43-3	7.27679	2446.0153	182.295	207.40	415.03	3
20202	C18H34O4	dihexyl adipate	110-33-8	7.12141	2390.8902	177.840	207.02	415.35	3
20203	C18H35Br	1-bromo-1-octadecene	---	7.70283	2475.7201	155.984	213	392	2
20204	C18H35Br	cis-1-bromo-1-octadecene	66292-44-2	7.58850	2417.0200	155.984	211	393	2
20205	C18H35Br	trans-1-bromo-1-octadecene	66292-45-3	7.58850	2417.0200	155.984	211	393	2
20206	C18H35Br	2-bromo-1-octadecene	---	7.70956	2478.9048	155.929	214	392	2
20207	C18H35Br	3-bromo-1-octadecene	---	7.71630	2482.0964	155.873	213.69	391.51	2
20208	C18H35Br	4-bromo-1-octadecene	---	7.72306	2485.2950	155.818	213.85	391.46	2
20209	C18H35Br	5-bromo-1-octadecene	---	7.72983	2488.5006	155.762	214	391	2
20210	C18H35Br	6-bromo-1-octadecene	---	7.73661	2491.7131	155.706	214	391	2
20211	C18H35Br	7-bromo-1-octadecene	---	7.74341	2494.9327	155.651	214	391	2
20212	C18H35Br	8-bromo-1-octadecene	---	7.75023	2498.1594	155.595	214	391	2
20213	C18H35Br	9-bromo-1-octadecene	---	7.75706	2501.3931	155.540	215	391	2
20214	C18H35Br	10-bromo-1-octadecene	---	7.76391	2504.6340	155.484	215	391	2
20215	C18H35Br	11-bromo-1-octadecene	---	7.77077	2507.8819	155.428	215	391	2
20216	C18H35Br	12-bromo-1-octadecene	---	7.77765	2511.1371	155.373	215	391	2
20217	C18H35Br	13-bromo-1-octadecene	---	7.78454	2514.3994	155.317	215	391	2
20218	C18H35Br	14-bromo-1-octadecene	---	7.79145	2517.6688	155.262	215	391	2
20219	C18H35Br	15-bromo-1-octadecene	---	7.79838	2520.9456	155.206	216	391	2
20220	C18H35Br	16-bromo-1-octadecene	---	7.80532	2524.2295	155.150	215.77	390.81	2
20221	C18H35Br	17-bromo-1-octadecene	---	7.81227	2527.5207	155.095	215.93	390.76	2
20222	C18H35Br	18-bromo-1-octadecene	---	7.81924	2530.8193	155.039	216.09	390.70	2
20223	C18H35Br	1-bromo-2-octadecene	---	7.82623	2534.1251	154.984	216.25	390.65	2
20224	C18H35Br	2-bromo-2-octadecene	---	7.83323	2537.4383	154.928	216.41	390.59	2
20225	C18H35Br	3-bromo-2-octadecene	---	7.84025	2540.7589	154.872	216.57	390.54	2
20226	C18H35Br	4-bromo-2-octadecene	---	7.84729	2544.0868	154.817	216.73	390.49	2
20227	C18H35Br	5-bromo-2-octadecene	---	7.85434	2547.4222	154.761	216.89	390.43	2
20228	C18H35Br	6-bromo-2-octadecene	---	7.86141	2550.7651	154.706	217.05	390.38	2
20229	C18H35Br	7-bromo-2-octadecene	---	7.86849	2554.1154	154.650	217.21	390.33	2
20230	C18H35Br	8-bromo-2-octadecene	---	7.87559	2557.4732	154.594	217.37	390.27	2
20231	C18H35Br	9-bromo-2-octadecene	---	7.88270	2560.8385	154.539	217.53	390.22	2
20232	C18H35Br	10-bromo-2-octadecene	---	7.88984	2564.2114	154.483	217.69	390.17	2
20233	C18H35Br	11-bromo-2-octadecene	---	7.89698	2567.5918	154.428	217.85	390.11	2
20234	C18H35Br	12-bromo-2-octadecene	---	7.90415	2570.9799	154.372	218.01	390.06	2
20235	C18H35Br	13-bromo-2-octadecene	---	7.91133	2574.3756	154.316	218.17	390.01	2
20236	C18H35Br	14-bromo-2-octadecene	---	7.91853	2577.7789	154.261	218.33	389.96	2
20237	C18H35Br	15-bromo-2-octadecene	---	7.92574	2581.1899	154.205	218.49	389.90	2
20238	C18H35Br	16-bromo-2-octadecene	---	7.93297	2584.6087	154.150	218.65	389.85	2
20239	C18H35Br	17-bromo-2-octadecene	---	7.94022	2588.0351	154.094	218.81	389.80	2
20240	C18H35Br	18-bromo-2-octadecene	---	7.94748	2591.4693	154.038	218.97	389.74	2

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mm Hg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
20241	C18H35Br3	1,1,1-tribromooctadecane	62127-74-6	7.95926	2749.2005	140.972	254.07	434.49	3
20242	C18H35Cl	1-chloro-1-octadecene	---	6.72052	2095.4865	156.540	209.77	435.63	3
20243	C18H35Cl	cis-1-chloro-1-octadecene	66292-46-4	6.72052	2095.4865	156.540	209.77	435.63	3
20244	C18H35Cl	trans-1-chloro-1-octadecene	66292-47-5	6.72052	2095.4865	156.540	209.77	435.63	3
20245	C18H35Cl	2-chloro-1-octadecene	---	6.72958	2099.9989	156.429	210.09	435.50	3
20246	C18H35Cl	3-chloro-1-octadecene	---	6.73411	2102.2609	156.374	210.25	435.43	3
20247	C18H35Cl	4-chloro-1-octadecene	---	6.73866	2104.5269	156.318	210.41	435.37	3
20248	C18H35Cl	5-chloro-1-octadecene	---	6.74322	2106.7969	156.262	210.57	435.31	3
20249	C18H35Cl	6-chloro-1-octadecene	---	6.74778	2109.0707	156.207	210.73	435.24	3
20250	C18H35Cl	7-chloro-1-octadecene	---	6.75235	2111.3486	156.151	210.89	435.18	3
20251	C18H35Cl	8-chloro-1-octadecene	---	6.75693	2113.6304	156.096	211.05	435.12	3
20252	C18H35Cl	9-chloro-1-octadecene	---	6.76152	2115.9162	156.040	211.21	435.05	3
20253	C18H35Cl	10-chloro-1-octadecene	---	6.76611	2118.2060	155.984	211.37	434.99	3
20254	C18H35Cl	11-chloro-1-octadecene	---	6.77072	2120.4997	155.929	211.53	434.93	3
20255	C18H35Cl	12-chloro-1-octadecene	---	6.77533	2122.7975	155.873	211.69	434.86	3
20256	C18H35Cl	13-chloro-1-octadecene	---	6.77995	2125.0994	155.818	211.85	434.80	3
20257	C18H35Cl	14-chloro-1-octadecene	---	6.78458	2127.4052	155.762	212	435	3
20258	C18H35Cl	15-chloro-1-octadecene	---	6.78922	2129.7151	155.706	212.17	434.67	3
20259	C18H35Cl	16-chloro-1-octadecene	---	6.79386	2132.0290	155.651	212.33	434.61	3
20260	C18H35Cl	17-chloro-1-octadecene	---	6.79852	2134.3471	155.595	212.49	434.55	3
20261	C18H35Cl	18-chloro-1-octadecene	---	6.80318	2136.6692	155.540	212.65	434.48	3
20262	C18H35Cl	1-chloro-2-octadecene	---	6.80785	2138.9953	155.484	212.81	434.42	3
20263	C18H35Cl	2-chloro-2-octadecene	---	6.81253	2141.3256	155.428	212.97	434.36	3
20264	C18H35Cl	3-chloro-2-octadecene	---	6.81722	2143.6600	155.373	213.13	434.29	3
20265	C18H35Cl	4-chloro-2-octadecene	---	6.82191	2145.9985	155.317	213.29	434.23	3
20266	C18H35Cl	5-chloro-2-octadecene	---	6.82662	2148.3412	155.262	213.45	434.17	3
20267	C18H35Cl	6-chloro-2-octadecene	---	6.83133	2150.6880	155.206	213.61	434.11	3
20268	C18H35Cl	7-chloro-2-octadecene	---	6.83605	2153.0389	155.150	213.77	434.04	3
20269	C18H35Cl	8-chloro-2-octadecene	---	6.84079	2155.3941	155.095	213.93	433.98	3
20270	C18H35Cl	9-chloro-2-octadecene	---	6.84552	2157.7533	155.039	214.09	433.92	3
20271	C18H35Cl	10-chloro-2-octadecene	---	6.85027	2160.1168	154.984	214.25	433.86	3
20272	C18H35Cl	11-chloro-2-octadecene	---	6.85503	2162.4845	154.928	214.41	433.79	3
20273	C18H35Cl	12-chloro-2-octadecene	---	6.85980	2164.8564	154.872	214.57	433.73	3
20274	C18H35Cl	13-chloro-2-octadecene	---	6.86457	2167.2326	154.817	214.73	433.67	3
20275	C18H35Cl	14-chloro-2-octadecene	---	6.86935	2169.6129	154.761	214.89	433.61	3
20276	C18H35Cl	15-chloro-2-octadecene	---	6.87415	2171.9975	154.706	215.05	433.54	3
20277	C18H35Cl	16-chloro-2-octadecene	---	6.87895	2174.3864	154.650	215.21	433.48	3
20278	C18H35Cl	17-chloro-2-octadecene	---	6.88376	2176.7796	154.594	215.37	433.42	3
20279	C18H35Cl	18-chloro-2-octadecene	---	6.88857	2179.1770	154.539	215.53	433.36	3
20280	C18H35Cl3	1,1,1-trichlorooctadecane	62108-62-7	7.07854	2302.9174	149.590	229.27	441.40	3
20281	C18H35F	1-fluoro-1-octadecene	---	6.26565	1823.7159	168.772	177.57	422.61	3
20282	C18H35F	cis-1-fluoro-1-octadecene	66292-48-6	6.26565	1823.7159	168.772	177.57	422.61	3
20283	C18H35F	trans-1-fluoro-1-octadecene	66292-49-7	6.26565	1823.7159	168.772	177.57	422.61	3
20284	C18H35F	2-fluoro-1-octadecene	---	6.26948	1825.5952	168.717	177.73	422.54	3
20285	C18H35F	3-fluoro-1-octadecene	---	6.27333	1827.4775	168.661	177.89	422.47	3
20286	C18H35F	4-fluoro-1-octadecene	---	6.27718	1829.3628	168.606	178.05	422.40	3
20287	C18H35F	5-fluoro-1-octadecene	---	6.28103	1831.2511	168.550	178.21	422.33	3
20288	C18H35F	6-fluoro-1-octadecene	---	6.28490	1833.1425	168.494	178.37	422.26	3
20289	C18H35F	7-fluoro-1-octadecene	---	6.28877	1835.0369	168.439	178.53	422.19	3
20290	C18H35F	8-fluoro-1-octadecene	---	6.29264	1836.9344	168.383	178.69	422.12	3
20291	C18H35F	9-fluoro-1-octadecene	---	6.29653	1838.8349	168.328	178.85	422.05	3
20292	C18H35F	10-fluoro-1-octadecene	---	6.30042	1840.7385	168.272	179.01	421.98	3
20293	C18H35F	11-fluoro-1-octadecene	---	6.30431	1842.6452	168.216	179.17	421.91	3
20294	C18H35F	12-fluoro-1-octadecene	---	6.30821	1844.5550	168.161	179.33	421.84	3
20295	C18H35F	13-fluoro-1-octadecene	---	6.31212	1846.4678	168.105	179.49	421.77	3
20296	C18H35F	14-fluoro-1-octadecene	---	6.31604	1848.3838	168.050	180	422	3
20297	C18H35F	15-fluoro-1-octadecene	---	6.31996	1850.3029	167.994	179.81	421.63	3
20298	C18H35F	16-fluoro-1-octadecene	---	6.32389	1852.2251	167.938	179.97	421.56	3
20299	C18H35F	17-fluoro-1-octadecene	---	6.32782	1854.1504	167.883	180.13	421.49	3
20300	C18H35F	18-fluoro-1-octadecene	---	6.33177	1856.0788	167.827	180.29	421.42	3
20301	C18H35F	1-fluoro-2-octadecene	---	6.33571	1858.0104	167.772	180.45	421.35	3
20302	C18H35F	2-fluoro-2-octadecene	---	6.33967	1859.9452	167.716	180.61	421.28	3
20303	C18H35F	3-fluoro-2-octadecene	---	6.34363	1861.8830	167.660	180.77	421.21	3
20304	C18H35F	4-fluoro-2-octadecene	---	6.34760	1863.8241	167.605	180.93	421.14	3
20305	C18H35F	5-fluoro-2-octadecene	---	6.35158	1865.7683	167.549	181.09	421.07	3
20306	C18H35F	6-fluoro-2-octadecene	---	6.35556	1867.7157	167.494	181.25	421.00	3
20307	C18H35F	7-fluoro-2-octadecene	---	6.35955	1869.6663	167.438	181.41	420.93	3
20308	C18H35F	8-fluoro-2-octadecene	---	6.36354	1871.6201	167.382	181.57	420.86	3
20309	C18H35F	9-fluoro-2-octadecene	---	6.36754	1873.5771	167.327	181.73	420.79	3
20310	C18H35F	10-fluoro-2-octadecene	---	6.37155	1875.5373	167.271	181.89	420.73	3
20311	C18H35F	11-fluoro-2-octadecene	---	6.37557	1877.5008	167.216	182.05	420.66	3
20312	C18H35F	12-fluoro-2-octadecene	---	6.37959	1879.4674	167.160	182.21	420.59	3
20313	C18H35F	13-fluoro-2-octadecene	---	6.38362	1881.4373	167.104	182.37	420.52	3
20314	C18H35F	14-fluoro-2-octadecene	---	6.38766	1883.4105	167.049	182.53	420.45	3
20315	C18H35F	15-fluoro-2-octadecene	---	6.39170	1885.3869	166.993	182.69	420.38	3
20316	C18H35F	16-fluoro-2-octadecene	---	6.39575	1887.3665	166.938	182.85	420.31	3
20317	C18H35F	17-fluoro-2-octadecene	---	6.39981	1889.3494	166.882	183.01	420.24	3
20318	C18H35F	18-fluoro-2-octadecene	---	6.40387	1891.3357	166.826	183.17	420.18	3
20319	C18H35F3	1,1,1-trifluorooctadecane	1511-82-6	6.81350	1993.7167	173.776	169.17	375.21	3
20320	C18H35I	1-iodo-1-octadecene	---	8.90983	2991.0242	152.370	225.77	369.81	3

Table 1 Vapor Pressure – Organic Compounds

NO	FORMULA	NAME	$\log_{10} P = A - B/(T + C) \quad (P - \text{mm Hg}, T - ^\circ\text{C})$						
			CAS No	A	B	C	TMIN	TMAX	code
20321	C18H35I	cis-1-iodo-1-octadecene	66292-50-0	8.90983	2991.0242	152.370	225.77	369.81	3
20322	C18H35I	trans-1-iodo-1-octadecene	66292-51-1	8.90983	2991.0242	152.370	225.77	369.81	3
20323	C18H35I	2-iodo-1-octadecene	---	8.91475	2993.2994	152.343	225.85	369.78	3
20324	C18H35I	3-iodo-1-octadecene	---	8.91968	2995.5777	152.315	225.93	369.76	3
20325	C18H35I	4-iodo-1-octadecene	---	8.92462	2997.8590	152.287	226.01	369.74	3
20326	C18H35I	5-iodo-1-octadecene	---	8.92956	3000.1434	152.259	226.09	369.71	3
20327	C18H35I	6-iodo-1-octadecene	---	8.93451	3002.4308	152.231	226.17	369.69	3
20328	C18H35I	7-iodo-1-octadecene	---	8.93947	3004.7213	152.204	226.25	369.66	3
20329	C18H35I	8-iodo-1-octadecene	---	8.94444	3007.0149	152.176	226.33	369.64	3
20330	C18H35I	9-iodo-1-octadecene	---	8.94941	3009.3115	152.148	226.41	369.62	3
20331	C18H35I	10-iodo-1-octadecene	---	8.95439	3011.6113	152.120	226.49	369.59	3
20332	C18H35I	11-iodo-1-octadecene	---	8.95937	3013.9141	152.092	226.57	369.57	3
20333	C18H35I	12-iodo-1-octadecene	---	8.96436	3016.2201	152.065	226.65	369.55	3
20334	C18H35I	13-iodo-1-octadecene	---	8.96936	3018.5291	152.037	226.73	369.52	3
20335	C18H35I	14-iodo-1-octadecene	---	8.97437	3020.8413	152.009	226.81	369.50	3
20336	C18H35I	15-iodo-1-octadecene	---	8.97938	3023.1566	151.981	226.89	369.47	3
20337	C18H35I	16-iodo-1-octadecene	---	8.98440	3025.4750	151.953	226.97	369.45	3
20338	C18H35I	17-iodo-1-octadecene	---	8.98943	3027.7965	151.926	227.05	369.43	3
20339	C18H35I	18-iodo-1-octadecene	---	8.99446	3030.1212	151.898	227.13	369.40	3
20340	C18H35I	1-iodo-2-octadecene	---	8.99950	3032.4490	151.870	227.21	369.38	3
20341	C18H35I	2-iodo-2-octadecene	---	9.00455	3034.7800	151.842	227.29	369.36	3
20342	C18H35I	3-iodo-2-octadecene	---	9.00960	3037.1141	151.814	227.37	369.33	3
20343	C18H35I	4-iodo-2-octadecene	---	9.01466	3039.4514	151.787	227.45	369.31	3
20344	C18H35I	5-iodo-2-octadecene	---	9.01973	3041.7919	151.759	227.53	369.28	3
20345	C18H35I	6-iodo-2-octadecene	---	9.02480	3044.1355	151.731	227.61	369.26	3
20346	C18H35I	7-iodo-2-octadecene	---	9.02988	3046.4824	151.703	227.69	369.24	3
20347	C18H35I	8-iodo-2-octadecene	---	9.03497	3048.8324	151.675	227.77	369.21	3
20348	C18H35I	9-iodo-2-octadecene	---	9.04007	3051.1856	151.648	227.85	369.19	3
20349	C18H35I	10-iodo-2-octadecene	---	9.04517	3053.5420	151.620	227.93	369.17	3
20350	C18H35I	11-iodo-2-octadecene	---	9.05028	3055.9017	151.592	228.01	369.14	3
20351	C18H35I	12-iodo-2-octadecene	---	9.05540	3058.2645	151.564	228.09	369.12	3
20352	C18H35I	13-iodo-2-octadecene	---	9.06052	3060.6306	151.536	228.17	369.10	3
20353	C18H35I	14-iodo-2-octadecene	---	9.06565	3062.9999	151.509	228.25	369.07	3
20354	C18H35I	15-iodo-2-octadecene	---	9.07079	3065.3725	151.481	228.33	369.05	3
20355	C18H35I	16-iodo-2-octadecene	---	9.07594	3067.7483	151.453	228.41	369.03	3
20356	C18H35I	17-iodo-2-octadecene	---	9.08109	3070.1273	151.425	228.49	369.00	3
20357	C18H35I	18-iodo-2-octadecene	---	9.08625	3072.5096	151.397	228.57	368.98	3
20358	C18H35N	octadecanenitrile	638-65-3	7.02320	2191.8336	155.428	208.47	415.16	2
20359	C18H36	1-octadecene	112-88-9	7.62071	2195.6058	157.556	174.07	337.08	2
20360	C18H36	2-octadecene	---	8.41512	2607.2013	165.436	186.17	332.76	2
20361	C18H36	3-octadecene	---	7.95132	2404.2130	168.494	177.37	335.59	2
20362	C18H36	4-octadecene	---	7.99084	2421.5299	168.216	178.17	335.33	2
20363	C18H36	5-octadecene	---	8.03085	2439.0613	167.938	178.97	335.06	2
20364	C18H36	6-octadecene	---	8.07138	2456.8111	167.660	179.77	334.80	2
20365	C18H36	7-octadecene	---	8.11242	2474.7836	167.382	180.57	334.54	2
20366	C18H36	8-octadecene	---	8.15399	2492.9830	167.104	181.37	334.29	2
20367	C18H36	9-octadecene	5557-31-3	8.22112	2522.3610	166.663	182.64	333.88	2
20368	C18H36	2-methyl-1-heptadecene	42764-74-9	7.61194	2293.7076	179.150	167.75	338.61	2
20369	C18H36	3-methyl-1-heptadecene	---	7.87374	2370.2064	169.050	175.77	336.12	2
20370	C18H36	4-methyl-1-heptadecene	---	7.87374	2370.2064	169.050	175.77	336.12	2
20371	C18H36	5-methyl-1-heptadecene	---	7.87374	2370.2064	169.050	175.77	336.12	2
20372	C18H36	6-methyl-1-heptadecene	---	7.87374	2370.2064	169.050	175.77	336.12	2
20373	C18H36	7-methyl-1-heptadecene	---	7.87374	2370.2064	169.050	176	336	2
20374	C18H36	8-methyl-1-heptadecene	---	7.87374	2370.2064	169.050	175.77	336.12	2
20375	C18H36	9-methyl-1-heptadecene	---	7.87374	2370.2064	169.050	176	336	2
20376	C18H36	10-methyl-1-heptadecene	---	7.87374	2370.2064	169.050	175.77	336.12	2
20377	C18H36	11-methyl-1-heptadecene	---	7.87374	2370.2064	169.050	175.77	336.12	2
20378	C18H36	12-methyl-1-heptadecene	---	7.87374	2370.2064	169.050	175.77	336.12	2
20379	C18H36	13-methyl-1-heptadecene	---	7.87374	2370.2064	169.050	175.77	336.12	2
20380	C18H36	14-methyl-1-heptadecene	---	7.87374	2370.2064	169.050	175.77	336.12	2
20381	C18H36	15-methyl-1-heptadecene	---	7.87374	2370.2064	169.050	175.77	336.12	2
20382	C18H36	16-methyl-1-heptadecene	---	7.87374	2370.2064	169.050	175.77	336.12	2
20383	C18H36	3-methyl-2-heptadecene	---	7.87374	2370.2064	169.050	175.77	336.12	2
20384	C18H36	4-methyl-2-heptadecene	---	7.87374	2370.2064	169.050	175.77	336.12	2
20385	C18H36	5-methyl-2-heptadecene	---	7.87374	2370.2064	169.050	175.77	336.12	2
20386	C18H36	6-methyl-2-heptadecene	---	7.87374	2370.2064	169.050	175.77	336.12	2
20387	C18H36	7-methyl-2-heptadecene	---	7.87374	2370.2064	169.050	175.77	336.12	2
20388	C18H36	8-methyl-2-heptadecene	---	7.87374	2370.2064	169.050	175.77	336.12	2
20389	C18H36	9-methyl-2-heptadecene	---	7.87374	2370.2064	169.050	175.77	336.12	2
20390	C18H36	10-methyl-2-heptadecene	---	7.87374	2370.2064	169.050	175.77	336.12	2
20391	C18H36	11-methyl-2-heptadecene	---	7.87374	2370.2064	169.050	175.77	336.12	2
20392	C18H36	12-methyl-2-heptadecene	---	7.87374	2370.2064	169.050	175.77	336.12	2
20393	C18H36	13-methyl-2-heptadecene	---	7.87374	2370.2064	169.050	175.77	336.12	2
20394	C18H36	14-methyl-2-heptadecene	---	7.87374	2370.2064	169.050	175.77	336.12	2
20395	C18H36	15-methyl-2-heptadecene	---	7.87374	2370.2064	169.050	175.77	336.12	2
20396	C18H36	16-methyl-2-heptadecene	---	7.87374	2370.2064	169.050	175.77	336.12	2
20397	C18H36	4-methyl-3-heptadecene	---	7.87374	2370.2064	169.050	175.77	336.12	2
20398	C18H36	5-methyl-3-heptadecene	---	7.87374	2370.2064	169.050	175.77	336.12	2
20399	C18H36	6-methyl-3-heptadecene	---	7.87374	2370.2064	169.050	175.77	336.12	2
20400	C18H36	7-methyl-3-heptadecene	---	7.87374	2370.2064	169.050	175.77	336.12	2

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mm Hg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
20401	C18H36	8-methyl-3-heptadecene	---	7.87374	2370.2064	169.050	175.77	336.12	2
20402	C18H36	9-methyl-3-heptadecene	---	7.87374	2370.2064	169.050	175.77	336.12	2
20403	C18H36	10-methyl-3-heptadecene	---	7.87374	2370.2064	169.050	175.77	336.12	2
20404	C18H36	11-methyl-3-heptadecene	---	7.87374	2370.2064	169.050	175.77	336.12	2
20405	C18H36	12-methyl-3-heptadecene	---	7.87374	2370.2064	169.050	175.77	336.12	2
20406	C18H36	13-methyl-3-heptadecene	---	7.87374	2370.2064	169.050	175.77	336.12	2
20407	C18H36	14-methyl-3-heptadecene	---	7.87374	2370.2064	169.050	175.77	336.12	2
20408	C18H36	15-methyl-3-heptadecene	---	7.87374	2370.2064	169.050	175.77	336.12	2
20409	C18H36	16-methyl-3-heptadecene	---	7.87374	2370.2064	169.050	175.77	336.12	2
20410	C18H36	2,3-dimethyl-1-hexadecene	---	7.61666	2257.3813	170.996	170.17	338.02	2
20411	C18H36	3,3-dimethyl-1-hexadecene	---	7.61666	2257.3813	170.996	170.17	338.02	2
20412	C18H36	3,4-dimethyl-1-hexadecene	---	7.61666	2257.3813	170.996	170.17	338.02	2
20413	C18H36	3,5-dimethyl-1-hexadecene	---	7.61666	2257.3813	170.996	170.17	338.02	2
20414	C18H36	3,6-dimethyl-1-hexadecene	---	7.61666	2257.3813	170.996	170.17	338.02	2
20415	C18H36	3,7-dimethyl-1-hexadecene	---	7.61666	2257.3813	170.996	170.17	338.02	2
20416	C18H36	3,8-dimethyl-1-hexadecene	---	7.61666	2257.3813	170.996	170.17	338.02	2
20417	C18H36	3,9-dimethyl-1-hexadecene	---	7.61666	2257.3813	170.996	170.17	338.02	2
20418	C18H36	3,10-dimethyl-1-hexadecene	---	7.61666	2257.3813	170.996	170.17	338.02	2
20419	C18H36	3,11-dimethyl-1-hexadecene	---	7.61666	2257.3813	170.996	170.17	338.02	2
20420	C18H36	3,12-dimethyl-1-hexadecene	---	7.61666	2257.3813	170.996	170.17	338.02	2
20421	C18H36	3,13-dimethyl-1-hexadecene	---	7.61666	2257.3813	170.996	170.17	338.02	2
20422	C18H36	3,14-dimethyl-1-hexadecene	---	7.61666	2257.3813	170.996	170.17	338.02	2
20423	C18H36	3,15-dimethyl-1-hexadecene	---	7.61666	2257.3813	170.996	170.17	338.02	2
20424	C18H36	3,4-dimethyl-2-hexadecene	---	7.61666	2257.3813	170.996	170.17	338.02	2
20425	C18H36	4,4-dimethyl-2-hexadecene	---	7.61666	2257.3813	170.996	170.17	338.02	2
20426	C18H36	4,5-dimethyl-2-hexadecene	---	7.61666	2257.3813	170.996	170.17	338.02	2
20427	C18H36	4,6-dimethyl-2-hexadecene	---	7.61666	2257.3813	170.996	170.17	338.02	2
20428	C18H36	4,7-dimethyl-2-hexadecene	---	7.61666	2257.3813	170.996	170.17	338.02	2
20429	C18H36	4,8-dimethyl-2-hexadecene	---	7.61666	2257.3813	170.996	170.17	338.02	2
20430	C18H36	4,9-dimethyl-2-hexadecene	---	7.61666	2257.3813	170.996	170.17	338.02	2
20431	C18H36	4,10-dimethyl-2-hexadecene	---	7.61666	2257.3813	170.996	170.17	338.02	2
20432	C18H36	4,11-dimethyl-2-hexadecene	---	7.61666	2257.3813	170.996	170.17	338.02	2
20433	C18H36	4,12-dimethyl-2-hexadecene	---	7.61666	2257.3813	170.996	170.17	338.02	2
20434	C18H36	4,13-dimethyl-2-hexadecene	---	7.61666	2257.3813	170.996	170.17	338.02	2
20435	C18H36	4,14-dimethyl-2-hexadecene	---	7.61666	2257.3813	170.996	170.17	338.02	2
20436	C18H36	4,15-dimethyl-2-hexadecene	---	7.61666	2257.3813	170.996	170.17	338.02	2
20437	C18H36	4,14-dimethyl-2-pentadecene	---	7.61666	2257.3813	170.996	170.17	338.02	2
20438	C18H36	2-ethyl-1-hexadecene	---	7.87374	2370.2064	169.050	175.77	336.12	2
20439	C18H36	3-ethyl-1-hexadecene	---	7.87374	2370.2064	169.050	175.77	336.12	2
20440	C18H36	4-ethyl-1-hexadecene	---	7.87374	2370.2064	169.050	175.77	336.12	2
20441	C18H36	5-ethyl-1-hexadecene	---	7.87374	2370.2064	169.050	175.77	336.12	2
20442	C18H36	6-ethyl-1-hexadecene	---	7.87374	2370.2064	169.050	175.77	336.12	2
20443	C18H36	7-ethyl-1-hexadecene	---	7.87374	2370.2064	169.050	175.77	336.12	2
20444	C18H36	8-ethyl-1-hexadecene	---	7.87374	2370.2064	169.050	175.77	336.12	2
20445	C18H36	9-ethyl-1-hexadecene	---	7.87374	2370.2064	169.050	175.77	336.12	2
20446	C18H36	10-ethyl-1-hexadecene	---	7.87374	2370.2064	169.050	175.77	336.12	2
20447	C18H36	11-ethyl-1-hexadecene	---	7.87374	2370.2064	169.050	175.77	336.12	2
20448	C18H36	12-ethyl-1-hexadecene	---	7.87374	2370.2064	169.050	175.77	336.12	2
20449	C18H36	13-ethyl-1-hexadecene	---	7.87374	2370.2064	169.050	175.77	336.12	2
20450	C18H36	14-ethyl-1-hexadecene	---	7.87374	2370.2064	169.050	175.77	336.12	2
20451	C18H36	15-ethyl-1-hexadecene	---	7.87374	2370.2064	169.050	175.77	336.12	2
20452	C18H36	tridecylcyclopentane	6006-34-4	7.86595	2374.2349	165.600	180.20	341.27	2
20453	C18H36	dodecylcyclohexane	1795-17-1	7.56100	2210.7439	157.512	179.44	347.32	1,2
20454	C18H36	cyclooctadecane	296-18-4	6.60982	1894.0100	177.250	160.37	375.26	3
20455	C18H36Br2	1,1-dibromooctadecane	62168-35-8	7.89785	2666.5727	146.810	239.77	418.62	3
20456	C18H36Br2	1,2-dibromooctadecane	---	7.93251	2683.5906	146.532	240.57	418.35	3
20457	C18H36Br2	1,3-dibromooctadecane	---	7.96756	2700.7947	146.254	241.37	418.09	3
20458	C18H36Br2	1,4-dibromooctadecane	---	8.00300	2718.1881	145.976	242.17	417.83	3
20459	C18H36Br2	1,5-dibromooctadecane	---	8.03884	2735.7740	145.698	242.97	417.57	3
20460	C18H36Br2	1,6-dibromooctadecane	---	8.07509	2753.5557	145.420	243.77	417.31	3
20461	C18H36Br2	1,7-dibromooctadecane	---	8.11175	2771.5365	145.142	244.57	417.05	3
20462	C18H36Br2	1,8-dibromooctadecane	---	8.14883	2789.7199	144.864	245.37	416.79	3
20463	C18H36Br2	1,9-dibromooctadecane	---	8.18634	2808.1094	144.586	246.17	416.53	3
20464	C18H36Br2	1,10-dibromooctadecane	---	8.22429	2826.7086	144.308	246.97	416.27	3
20465	C18H36Br2	1,11-dibromooctadecane	---	8.26268	2845.5211	144.030	247.77	416.02	3
20466	C18H36Br2	1,12-dibromooctadecane	---	8.30152	2864.5508	143.752	248.57	415.77	3
20467	C18H36Br2	1,13-dibromooctadecane	---	8.34083	2883.8014	143.474	249.37	415.51	3
20468	C18H36Br2	1,14-dibromooctadecane	---	8.38059	2903.2769	143.196	250.17	415.26	3
20469	C18H36Br2	1,15-dibromooctadecane	---	8.42084	2922.9813	142.918	250.97	415.01	3
20470	C18H36Br2	1,16-dibromooctadecane	---	8.46157	2942.9189	142.640	252	415	3
20471	C18H36Br2	1,17-dibromooctadecane	---	8.50279	2963.0937	142.362	253	415	3
20472	C18H36Br2	1,18-dibromooctadecane	---	8.54451	2983.5102	142.084	253.37	414.26	3
20473	C18H36Br2	2,2-dibromooctadecane	---	7.57119	2505.9903	149.590	231.77	421.34	3
20474	C18H36Br2	2,3-dibromooctadecane	---	7.60231	2521.3046	149.312	232.57	421.06	3
20475	C18H36Br2	2,4-dibromooctadecane	---	7.63376	2536.7773	149.034	233.37	420.78	3
20476	C18H36Br2	2,5-dibromooctadecane	---	7.66554	2552.4108	148.756	234.17	420.51	3
20477	C18H36Br2	2,6-dibromooctadecane	---	7.69766	2568.2077	148.478	234.97	420.24	3
20478	C18H36Br2	2,7-dibromooctadecane	---	7.73013	2584.1707	148.200	235.77	419.96	3
20479	C18H36Br2	2,8-dibromooctadecane	---	7.76295	2600.3025	147.922	236.57	419.69	3
20480	C18H36Br2	2,9-dibromooctadecane	---	7.79613	2616.6057	147.644	237.37	419.42	3

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mm Hg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
20481	C18H36Br2	2,10-dibromooctadecane	---	7.82966	2633.0832	147.366	238.17	419.15	3
20482	C18H36Br2	2,11-dibromooctadecane	---	7.86357	2649.7379	147.088	238.97	418.89	3
20483	C18H36Br2	2,12-dibromooctadecane	---	7.89785	2666.5727	146.810	239.77	418.62	3
20484	C18H36Br2	2,13-dibromooctadecane	---	7.93251	2683.5906	146.532	240.57	418.35	3
20485	C18H36Br2	2,14-dibromooctadecane	---	7.96756	2700.7947	146.254	241.37	418.09	3
20486	C18H36Br2	2,15-dibromooctadecane	---	8.00300	2718.1881	145.976	242.17	417.83	3
20487	C18H36Br2	2,16-dibromooctadecane	---	8.03884	2735.7740	145.698	242.97	417.57	3
20488	C18H36Br2	2,17-dibromooctadecane	---	8.07509	2753.5557	145.420	243.77	417.31	3
20489	C18H36Cl2	1,1-dichlorooctadecane	62017-20-3	6.84528	2197.3578	155.150	220.77	444.66	3
20490	C18H36Cl2	1,2-dichlorooctadecane	---	6.70792	2120.1637	154.872	216.57	446.41	3
20491	C18H36Cl2	1,3-dichlorooctadecane	---	6.73017	2131.4188	154.594	217.37	446.09	3
20492	C18H36Cl2	1,4-dichlorooctadecane	---	6.75262	2142.7703	154.316	218.17	445.77	3
20493	C18H36Cl2	1,5-dichlorooctadecane	---	6.77526	2154.2197	154.038	218.97	445.45	3
20494	C18H36Cl2	1,6-dichlorooctadecane	---	6.79811	2165.7682	153.760	219.77	445.14	3
20495	C18H36Cl2	1,7-dichlorooctadecane	---	6.82116	2177.4171	153.482	220.57	444.82	3
20496	C18H36Cl2	1,8-dichlorooctadecane	---	6.84442	2189.1678	153.204	221.37	444.51	3
20497	C18H36Cl2	1,9-dichlorooctadecane	---	6.86788	2201.0217	152.926	222.17	444.20	3
20498	C18H36Cl2	1,10-dichlorooctadecane	---	6.89157	2212.9802	152.648	222.97	443.89	3
20499	C18H36Cl2	1,11-dichlorooctadecane	---	6.91546	2225.0446	152.370	223.77	443.58	3
20500	C18H36Cl2	1,12-dichlorooctadecane	---	6.93958	2237.2165	152.092	224.57	443.27	3
20501	C18H36Cl2	1,13-dichlorooctadecane	---	6.96392	2249.4974	151.814	225.37	442.96	3
20502	C18H36Cl2	1,14-dichlorooctadecane	---	6.98849	2261.8887	151.536	226.17	442.66	3
20503	C18H36Cl2	1,15-dichlorooctadecane	---	7.01328	2274.3921	151.258	226.97	442.36	3
20504	C18H36Cl2	1,16-dichlorooctadecane	---	7.03830	2287.0090	150.980	227.77	442.05	3
20505	C18H36Cl2	1,17-dichlorooctadecane	---	7.06356	2299.7411	150.702	228.57	441.75	3
20506	C18H36Cl2	1,18-dichlorooctadecane	---	7.08906	2312.5899	150.424	229.37	441.45	3
20507	C18H36Cl2	2,2-dichlorooctadecane	---	6.47547	2002.3810	157.930	207.77	450.03	3
20508	C18H36Cl2	2,3-dichlorooctadecane	---	6.49571	2012.6533	157.652	208.57	449.69	3
20509	C18H36Cl2	2,4-dichlorooctadecane	---	6.51613	2023.0093	157.374	209.37	449.35	3
20510	C18H36Cl2	2,5-dichlorooctadecane	---	6.53672	2033.4501	157.096	210.17	449.02	3
20511	C18H36Cl2	2,6-dichlorooctadecane	---	6.55748	2043.9769	156.818	210.97	448.69	3
20512	C18H36Cl2	2,7-dichlorooctadecane	---	6.57842	2054.5906	156.540	211.77	448.36	3
20513	C18H36Cl2	2,8-dichlorooctadecane	---	6.59954	2065.2924	156.262	212.57	448.03	3
20514	C18H36Cl2	2,9-dichlorooctadecane	---	6.62085	2076.0835	155.984	213.37	447.70	3
20515	C18H36Cl2	2,10-dichlorooctadecane	---	6.64233	2086.9649	155.706	214.17	447.38	3
20516	C18H36Cl2	2,11-dichlorooctadecane	---	6.66401	2097.9380	155.428	214.97	447.05	3
20517	C18H36Cl2	2,12-dichlorooctadecane	---	6.68587	2109.0038	155.150	215.77	446.73	3
20518	C18H36Cl2	2,13-dichlorooctadecane	---	6.70792	2120.1637	154.872	216.57	446.41	3
20519	C18H36Cl2	2,14-dichlorooctadecane	---	6.73017	2131.4188	154.594	217.37	446.09	3
20520	C18H36Cl2	2,15-dichlorooctadecane	---	6.75262	2142.7703	154.316	218.17	445.77	3
20521	C18H36Cl2	2,16-dichlorooctadecane	---	6.77526	2154.2197	154.038	218.97	445.45	3
20522	C18H36Cl2	2,17-dichlorooctadecane	---	6.79811	2165.7682	153.760	219.77	445.14	3
20523	C18H36CuN2S4	bis(dibutylidithio-carbamate)copper	13927-71-4	11.27000	6360.0000	273.150	346.13	513.19	3
20524	C18H36F2	1,1-difluorooctadecane	62127-07-5	6.25302	1818.4201	170.996	175.17	421.10	3
20525	C18H36F2	1,2-difluorooctadecane	---	6.27216	1827.7969	170.718	175.97	420.74	3
20526	C18H36F2	1,3-difluorooctadecane	---	6.29146	1837.2492	170.440	176.77	420.39	3
20527	C18H36F2	1,4-difluorooctadecane	---	6.31092	1846.7779	170.162	177.57	420.04	3
20528	C18H36F2	1,5-difluorooctadecane	---	6.33054	1856.3841	169.884	178.37	419.69	3
20529	C18H36F2	1,6-difluorooctadecane	---	6.35033	1866.0686	169.606	179.17	419.34	3
20530	C18H36F2	1,7-difluorooctadecane	---	6.37029	1875.8326	169.328	179.97	418.99	3
20531	C18H36F2	1,8-difluorooctadecane	---	6.39042	1885.6770	169.050	180.77	418.65	3
20532	C18H36F2	1,9-difluorooctadecane	---	6.41072	1895.6029	168.772	181.57	418.31	3
20533	C18H36F2	1,10-difluorooctadecane	---	6.43119	1905.6112	168.494	182.37	417.97	3
20534	C18H36F2	1,11-difluorooctadecane	---	6.45184	1915.7032	168.216	183.17	417.63	3
20535	C18H36F2	1,12-difluorooctadecane	---	6.47268	1925.8798	167.938	183.97	417.29	3
20536	C18H36F2	1,13-difluorooctadecane	---	6.49369	1936.1421	167.660	184.77	416.95	3
20537	C18H36F2	1,14-difluorooctadecane	---	6.51489	1946.4914	167.382	185.57	416.62	3
20538	C18H36F2	1,15-difluorooctadecane	---	6.53627	1956.9287	167.104	186	416	3
20539	C18H36F2	1,16-difluorooctadecane	---	6.55784	1967.4553	166.826	187	416	3
20540	C18H36F2	1,17-difluorooctadecane	---	6.57961	1978.0722	166.548	187.97	415.62	3
20541	C18H36F2	1,18-difluorooctadecane	---	6.60156	1988.7807	166.270	188.77	415.29	3
20542	C18H36F2	2,2-difluorooctadecane	---	6.07003	1728.6067	173.776	167.17	424.73	3
20543	C18H36F2	2,3-difluorooctadecane	---	6.08767	1737.2774	173.498	167.97	424.36	3
20544	C18H36F2	2,4-difluorooctadecane	---	6.10545	1746.0150	173.220	168.77	423.99	3
20545	C18H36F2	2,5-difluorooctadecane	---	6.12338	1754.8201	172.942	169.57	423.62	3
20546	C18H36F2	2,6-difluorooctadecane	---	6.14145	1763.6937	172.664	170.37	423.26	3
20547	C18H36F2	2,7-difluorooctadecane	---	6.15967	1772.6365	172.386	171.17	422.89	3
20548	C18H36F2	2,8-difluorooctadecane	---	6.17804	1781.6495	172.108	171.97	422.53	3
20549	C18H36F2	2,9-difluorooctadecane	---	6.19655	1790.7335	171.830	172.77	422.17	3
20550	C18H36F2	2,10-difluorooctadecane	---	6.21522	1799.8893	171.552	173.57	421.81	3
20551	C18H36F2	2,11-difluorooctadecane	---	6.23405	1809.1179	171.274	174.37	421.45	3
20552	C18H36F2	2,12-difluorooctadecane	---	6.25302	1818.4201	170.996	175.17	421.10	3
20553	C18H36F2	2,13-difluorooctadecane	---	6.27216	1827.7969	170.718	175.97	420.74	3
20554	C18H36F2	2,14-difluorooctadecane	---	6.29146	1837.2492	170.440	176.77	420.39	3
20555	C18H36F2	2,15-difluorooctadecane	---	6.31092	1846.7779	170.162	177.57	420.04	3
20556	C18H36F2	2,16-difluorooctadecane	---	6.33054	1856.3841	169.884	178.37	419.69	3
20557	C18H36F2	2,17-difluorooctadecane	---	6.35033	1866.0686	169.606	179.17	419.34	3
20558	C18H36I2	1,1-diiodooctadecane	66292-27-1	9.62429	3748.9591	123.848	310.85	458.07	3
20559	C18H36I2	1,2-diiodooctadecane	---	9.67724	3776.5031	123.570	311.65	457.84	3
20560	C18H36I2	1,3-diiodooctadecane	---	9.73089	3804.4108	123.292	312.45	457.62	3

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mm Hg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
20561	C18H36I2	1,4-diiodooctadecane	---	9.78526	3832.6897	123.014	313.25	457.40	3
20562	C18H36I2	1,5-diiodooctadecane	---	9.84037	3861.3473	122.736	314.05	457.17	3
20563	C18H36I2	1,6-diiodooctadecane	---	9.89624	3890.3913	122.458	314.85	456.95	3
20564	C18H36I2	1,7-diiodooctadecane	---	9.95287	3919.8298	122.180	315.65	456.73	3
20565	C18H36I2	1,8-diiodooctadecane	---	10.01028	3949.6708	121.902	316.45	456.51	3
20566	C18H36I2	1,9-diiodooctadecane	---	10.06850	3979.9228	121.624	317.25	456.29	3
20567	C18H36I2	1,10-diiodooctadecane	---	10.12753	4010.5944	121.346	318.05	456.08	3
20568	C18H36I2	1,11-diiodooctadecane	---	10.18739	4041.6947	121.068	318.85	455.86	3
20569	C18H36I2	1,12-diiodooctadecane	---	10.24811	4073.2326	120.790	319.65	455.64	3
20570	C18H36I2	1,13-diiodooctadecane	---	10.30970	4105.2176	120.512	320.45	455.43	3
20571	C18H36I2	1,14-diiodooctadecane	---	10.37217	4137.6594	120.234	321.25	455.21	3
20572	C18H36I2	1,15-diiodooctadecane	---	10.43556	4170.5679	119.956	322.05	455.00	3
20573	C18H36I2	1,16-diiodooctadecane	---	10.49987	4203.9534	119.678	322.85	454.79	3
20574	C18H36I2	1,17-diiodooctadecane	---	10.56513	4237.8265	119.400	323.65	454.58	3
20575	C18H36I2	1,18-diiodooctadecane	---	10.63136	4272.1980	119.122	324.45	454.36	3
20576	C18H36I2	2,2-diiodooctadecane	---	9.13091	3492.0418	126.628	302.85	460.36	3
20577	C18H36I2	2,3-diiodooctadecane	---	9.17748	3516.3124	126.350	303.65	460.13	3
20578	C18H36I2	2,4-diiodooctadecane	---	9.22464	3540.8831	126.072	304.45	459.90	3
20579	C18H36I2	2,5-diiodooctadecane	---	9.27239	3565.7593	125.794	305.25	459.66	3
20580	C18H36I2	2,6-diiodooctadecane	---	9.32075	3590.9470	125.516	306.05	459.43	3
20581	C18H36I2	2,7-diiodooctadecane	---	9.36972	3616.4521	125.238	306.85	459.20	3
20582	C18H36I2	2,8-diiodooctadecane	---	9.41933	3642.2808	124.960	307.65	458.97	3
20583	C18H36I2	2,9-diiodooctadecane	---	9.46957	3668.4393	124.682	308.45	458.75	3
20584	C18H36I2	2,10-diiodooctadecane	---	9.52048	3694.9341	124.404	309.25	458.52	3
20585	C18H36I2	2,11-diiodooctadecane	---	9.57204	3721.7718	124.126	310.05	458.29	3
20586	C18H36I2	2,12-diiodooctadecane	---	9.62429	3748.9591	123.848	310.85	458.07	3
20587	C18H36I2	2,13-diiodooctadecane	---	9.67724	3776.5031	123.570	311.65	457.84	3
20588	C18H36I2	2,14-diiodooctadecane	---	9.73089	3804.4108	123.292	312.45	457.62	3
20589	C18H36I2	2,15-diiodooctadecane	---	9.78526	3832.6897	123.014	313.25	457.40	3
20590	C18H36I2	2,16-diiodooctadecane	---	9.84037	3861.3473	122.736	314.05	457.17	3
20591	C18H36I2	2,17-diiodooctadecane	---	9.89624	3890.3913	122.458	314.85	456.95	3
20592	C18H36N2NiS4	bis(dibutylidithiocarbamate)nickel complex	13927-77-0	12.73500	7134.0000	273.150	334.78	473.62	3
20593	C18H36N2NiS4	bis(diisobutylidithio-carbamate)nickel	28371-07-5	11.94100	6476.0000	273.150	318.75	466.19	3
20594	C18H36O	octadecanal	638-66-4	7.57536	2366.1316	162.378	197.47	376.17	2
20595	C18H36O	2-methylheptadecanal	---	7.51375	2336.6233	162.712	196.01	376.69	2
20596	C18H36O	3-methylheptadecanal	---	7.51375	2336.6233	162.712	196.01	376.69	2
20597	C18H36O	4-methylheptadecanal	---	7.51375	2336.6233	162.712	196.01	376.69	2
20598	C18H36O	5-methylheptadecanal	---	7.51375	2336.6233	162.712	196.01	376.69	2
20599	C18H36O	6-methylheptadecanal	---	7.51375	2336.6233	162.712	196.01	376.69	2
20600	C18H36O	7-methylheptadecanal	---	7.51375	2336.6233	162.712	196.01	376.69	2
20601	C18H36O	8-methylheptadecanal	---	7.51375	2336.6233	162.712	196.01	376.69	2
20602	C18H36O	9-methylheptadecanal	---	7.51375	2336.6233	162.712	196.01	376.69	2
20603	C18H36O	10-methylheptadecanal	---	7.51375	2336.6233	162.712	196.01	376.69	2
20604	C18H36O	11-methylheptadecanal	---	7.51375	2336.6233	162.712	196.01	376.69	2
20605	C18H36O	12-methylheptadecanal	---	7.51375	2336.6233	162.712	196.01	376.69	2
20606	C18H36O	13-methylheptadecanal	---	7.51375	2336.6233	162.712	196.01	376.69	2
20607	C18H36O	14-methylheptadecanal	---	7.51375	2336.6233	162.712	196	377	2
20608	C18H36O	15-methylheptadecanal	---	7.51375	2336.6233	162.712	196	377	2
20609	C18H36O	16-methylheptadecanal	61497-47-0	7.51375	2336.6233	162.712	196	377	2
20610	C18H36O	2,2-dimethylhexadecanal	---	7.45637	2309.9739	163.212	195	377	2
20611	C18H36O	2,3-dimethylhexadecanal	---	7.45637	2309.9739	163.212	194.57	377.19	2
20612	C18H36O	2,4-dimethylhexadecanal	---	7.45637	2309.9739	163.212	194.57	377.19	2
20613	C18H36O	2,5-dimethylhexadecanal	---	7.45637	2309.9739	163.212	194.57	377.19	2
20614	C18H36O	2,6-dimethylhexadecanal	---	7.45637	2309.9739	163.212	194.57	377.19	2
20615	C18H36O	2,7-dimethylhexadecanal	---	7.45637	2309.9739	163.212	194.57	377.19	2
20616	C18H36O	2,8-dimethylhexadecanal	---	7.45637	2309.9739	163.212	194.57	377.19	2
20617	C18H36O	2,9-dimethylhexadecanal	---	7.45637	2309.9739	163.212	194.57	377.19	2
20618	C18H36O	2,10-dimethylhexadecanal	---	7.45637	2309.9739	163.212	194.57	377.19	2
20619	C18H36O	2,11-dimethylhexadecanal	---	7.45637	2309.9739	163.212	194.57	377.19	2
20620	C18H36O	2,12-dimethylhexadecanal	---	7.45637	2309.9739	163.212	194.57	377.19	2
20621	C18H36O	2,13-dimethylhexadecanal	---	7.45637	2309.9739	163.212	194.57	377.19	2
20622	C18H36O	2,14-dimethylhexadecanal	---	7.45637	2309.9739	163.212	194.57	377.19	2
20623	C18H36O	2,15-dimethylhexadecanal	---	7.45637	2309.9739	163.212	194.57	377.19	2
20624	C18H36O	2-octadecanone	7373-13-9	7.38296	2251.6544	163.490	189.27	372.48	2
20625	C18H36O	3-octadecanone	18261-92-2	7.31222	2219.9720	164.324	187.37	373.15	2
20626	C18H36O	4-octadecanone	---	7.31222	2219.9720	164.324	187.37	373.15	2
20627	C18H36O	5-octadecanone	18276-99-8	7.31222	2219.9720	164.324	187.37	373.15	2
20628	C18H36O	6-octadecanone	---	7.31222	2219.9720	164.324	187.37	373.15	2
20629	C18H36O	7-octadecanone	---	7.31222	2219.9720	164.324	187.37	373.15	2
20630	C18H36O	8-octadecanone	---	7.31222	2219.9720	164.324	187.37	373.15	2
20631	C18H36O	9-octadecanone	---	7.31222	2219.9720	164.324	187.37	373.15	2
20632	C18H36O	3-methyl-2-heptadecanone	---	7.28205	2206.0837	164.602	186.57	373.44	2
20633	C18H36O	4-methyl-2-heptadecanone	---	7.28205	2206.0837	164.602	186.57	373.44	2
20634	C18H36O	5-methyl-2-heptadecanone	---	7.28205	2206.0837	164.602	186.57	373.44	2
20635	C18H36O	6-methyl-2-heptadecanone	---	7.28205	2206.0837	164.602	186.57	373.44	2
20636	C18H36O	7-methyl-2-heptadecanone	---	7.28205	2206.0837	164.602	186.57	373.44	2
20637	C18H36O	8-methyl-2-heptadecanone	---	7.28205	2206.0837	164.602	186.57	373.44	2
20638	C18H36O	9-methyl-2-heptadecanone	---	7.28205	2206.0837	164.602	186.57	373.44	2
20639	C18H36O	10-methyl-2-heptadecanone	---	7.28205	2206.0837	164.602	186.57	373.44	2
20640	C18H36O	2-methyl-3-heptadecanone	---	7.28205	2206.0837	164.602	186.57	373.44	2

Table 1 Vapor Pressure – Organic Compounds

NO	FORMULA	NAME	$\log_{10} P = A - B/(T + C) \quad (P - \text{mm Hg}, T - ^\circ\text{C})$						
			CAS No	A	B	C	TMIN	TMAX	code
20641	C18H36O	4-methyl-3-heptadecanone	---	7.28205	2206.0837	164.602	186.57	373.44	2
20642	C18H36O	5-methyl-3-heptadecanone	---	7.28205	2206.0837	164.602	186.57	373.44	2
20643	C18H36O	6-methyl-3-heptadecanone	---	7.28205	2206.0837	164.602	186.57	373.44	2
20644	C18H36O	7-methyl-3-heptadecanone	---	7.28205	2206.0837	164.602	186.57	373.44	2
20645	C18H36O	8-methyl-3-heptadecanone	---	7.28205	2206.0837	164.602	186.57	373.44	2
20646	C18H36O	9-methyl-3-heptadecanone	---	7.28205	2206.0837	164.602	186.57	373.44	2
20647	C18H36O	10-methyl-3-heptadecanone	---	7.28205	2206.0837	164.602	186.57	373.44	2
20648	C18H36O	2-methyl-4-heptadecanone	---	7.28205	2206.0837	164.602	186.57	373.44	2
20649	C18H36O	3-methyl-4-heptadecanone	---	7.28205	2206.0837	164.602	186.57	373.44	2
20650	C18H36O	5-methyl-4-heptadecanone	---	7.28205	2206.0837	164.602	186.57	373.44	2
20651	C18H36O	6-methyl-4-heptadecanone	---	7.28205	2206.0837	164.602	186.57	373.44	2
20652	C18H36O	7-methyl-4-heptadecanone	---	7.28205	2206.0837	164.602	186.57	373.44	2
20653	C18H36O	8-methyl-4-heptadecanone	---	7.28205	2206.0837	164.602	186.57	373.44	2
20654	C18H36O	9-methyl-4-heptadecanone	---	7.28205	2206.0837	164.602	186.57	373.44	2
20655	C18H36O	10-methyl-4-heptadecanone	---	7.28205	2206.0837	164.602	186.57	373.44	2
20656	C18H36O	2-methyl-5-heptadecanone	---	7.28205	2206.0837	164.602	186.57	373.44	2
20657	C18H36O	3-methyl-5-heptadecanone	---	7.28205	2206.0837	164.602	186.57	373.44	2
20658	C18H36O	4-methyl-5-heptadecanone	---	7.28205	2206.0837	164.602	186.57	373.44	2
20659	C18H36O	6-methyl-5-heptadecanone	---	7.28205	2206.0837	164.602	186.57	373.44	2
20660	C18H36O	7-methyl-5-heptadecanone	---	7.28205	2206.0837	164.602	186.57	373.44	2
20661	C18H36O	8-methyl-5-heptadecanone	---	7.28205	2206.0837	164.602	186.57	373.44	2
20662	C18H36O	9-methyl-5-heptadecanone	---	7.28205	2206.0837	164.602	186.57	373.44	2
20663	C18H36O	10-methyl-5-heptadecanone	---	7.28205	2206.0837	164.602	186.57	373.44	2
20664	C18H36O	2-octadecen-1-ol	---	7.28977	2348.3127	155.984	217.37	415.67	3
20665	C18H36O	cis-9-octadecen-1-ol	143-28-2	7.40533	2404.8330	154.872	220.57	414.52	3
20666	C18H36O	trans-9-octadecen-1-ol	506-42-3	6.60428	2011.1546	163.490	195.37	424.15	3
20667	C18H36O2	octadecanoic acid	57-11-4	7.93626	2634.1040	151.509	228.25	402.52	2
20668	C18H36O2	2-methylheptadecanoic acid	5638-12-0	8.32939	2823.1872	148.617	236.57	399.84	2
20669	C18H36O2	3-methylheptadecanoic acid	60787-51-1	8.32939	2823.1872	148.617	236.57	399.84	2
20670	C18H36O2	4-methylheptadecanoic acid	---	8.32939	2823.1872	148.617	236.57	399.84	2
20671	C18H36O2	5-methylheptadecanoic acid	---	8.32939	2823.1872	148.617	236.57	399.84	2
20672	C18H36O2	6-methylheptadecanoic acid	---	8.32939	2823.1872	148.617	236.57	399.84	2
20673	C18H36O2	7-methylheptadecanoic acid	---	8.32939	2823.1872	148.617	236.57	399.84	2
20674	C18H36O2	8-methylheptadecanoic acid	---	8.32939	2823.1872	148.617	236.57	399.84	2
20675	C18H36O2	9-methylheptadecanoic acid	---	8.32939	2823.1872	148.617	236.57	399.84	2
20676	C18H36O2	10-methylheptadecanoic acid	---	8.32939	2823.1872	148.617	236.57	399.84	2
20677	C18H36O2	11-methylheptadecanoic acid	---	8.32939	2823.1872	148.617	236.57	399.84	2
20678	C18H36O2	12-methylheptadecanoic acid	---	8.32939	2823.1872	148.617	236.57	399.84	2
20679	C18H36O2	13-methylheptadecanoic acid	---	8.32939	2823.1872	148.617	236.57	399.84	2
20680	C18H36O2	14-methylheptadecanoic acid	---	8.32939	2823.1872	148.617	236.57	399.84	2
20681	C18H36O2	15-methylheptadecanoic acid	---	8.32939	2823.1872	148.617	236.57	399.84	2
20682	C18H36O2	16-methylheptadecanoic acid	2724-58-5	8.32939	2823.1872	148.617	237	400	2
20683	C18H36O2	2,2-dimethylhexadecanoic acid	---	8.02282	2675.7723	150.841	230	402	2
20684	C18H36O2	2,3-dimethylhexadecanoic acid	---	8.02282	2675.7723	150.841	230.17	401.89	2
20685	C18H36O2	2,4-dimethylhexadecanoic acid	---	8.02282	2675.7723	150.841	230.17	401.89	2
20686	C18H36O2	2,5-dimethylhexadecanoic acid	---	8.02282	2675.7723	150.841	230.17	401.89	2
20687	C18H36O2	2,6-dimethylhexadecanoic acid	---	8.02282	2675.7723	150.841	230.17	401.89	2
20688	C18H36O2	2,7-dimethylhexadecanoic acid	---	8.02282	2675.7723	150.841	230.17	401.89	2
20689	C18H36O2	2,8-dimethylhexadecanoic acid	---	8.02282	2675.7723	150.841	230.17	401.89	2
20690	C18H36O2	2,9-dimethylhexadecanoic acid	---	8.02282	2675.7723	150.841	230.17	401.89	2
20691	C18H36O2	2,10-dimethylhexadecanoic acid	---	8.02282	2675.7723	150.841	230.17	401.89	2
20692	C18H36O2	2,11-dimethylhexadecanoic acid	---	8.02282	2675.7723	150.841	230.17	401.89	2
20693	C18H36O2	2,12-dimethylhexadecanoic acid	---	8.02282	2675.7723	150.841	230.17	401.89	2
20694	C18H36O2	2,13-dimethylhexadecanoic acid	---	8.02282	2675.7723	150.841	230.17	401.89	2
20695	C18H36O2	2,14-dimethylhexadecanoic acid	---	8.02282	2675.7723	150.841	230.17	401.89	2
20696	C18H36O2	2,15-dimethylhexadecanoic acid	---	8.02282	2675.7723	150.841	230.17	401.89	2
20697	C18H36O2	2-ethylhexadecanoic acid	53593-86-5	8.13442	2729.4683	150.007	232.57	401.11	2
20698	C18H36O2	3-ethylhexadecanoic acid	---	8.13442	2729.4683	150.007	232.57	401.11	2
20699	C18H36O2	4-ethylhexadecanoic acid	---	8.13442	2729.4683	150.007	232.57	401.11	2
20700	C18H36O2	5-ethylhexadecanoic acid	---	8.13442	2729.4683	150.007	232.57	401.11	2
20701	C18H36O2	6-ethylhexadecanoic acid	---	8.13442	2729.4683	150.007	232.57	401.11	2
20702	C18H36O2	7-ethylhexadecanoic acid	---	8.13442	2729.4683	150.007	232.57	401.11	2
20703	C18H36O2	8-ethylhexadecanoic acid	---	8.13442	2729.4683	150.007	232.57	401.11	2
20704	C18H36O2	9-ethylhexadecanoic acid	---	8.13442	2729.4683	150.007	232.57	401.11	2
20705	C18H36O2	10-ethylhexadecanoic acid	---	8.13442	2729.4683	150.007	232.57	401.11	2
20706	C18H36O2	11-ethylhexadecanoic acid	---	8.13442	2729.4683	150.007	232.57	401.11	2
20707	C18H36O2	12-ethylhexadecanoic acid	---	8.13442	2729.4683	150.007	232.57	401.11	2
20708	C18H36O2	13-ethylhexadecanoic acid	---	8.13442	2729.4683	150.007	232.57	401.11	2
20709	C18H36O2	14-ethylhexadecanoic acid	---	8.13442	2729.4683	150.007	232.57	401.11	2
20710	C18H36O2	2-octyldecanoic acid	619-39-6	8.13442	2729.4683	150.007	232.57	401.11	2
20711	C18H36O2	heptadecyl formate	66292-28-2	11.58413	4113.7158	145.698	242.97	343.90	2
20712	C18H36O2	hexadecyl acetate	629-70-9	10.64236	3692.3145	148.756	234.17	346.16	2
20713	C18H36O2	pentadecyl propanoate	66292-29-3	9.48105	3166.4632	152.787	220.57	349.89	2
20714	C18H36O2	tetradecyl butanoate	6221-98-3	8.95919	2932.1510	155.428	212.97	352.10	2
20715	C18H36O2	tetradecyl isobutanoate	---	8.48010	2716.6105	158.208	204.97	354.53	2
20716	C18H36O2	tridecyl pentanoate	---	8.93874	2922.9594	155.540	212.65	352.19	2
20717	C18H36O2	tridecyl isopentanoate	---	8.46224	2708.5661	158.320	204.65	354.63	2
20718	C18H36O2	tridecyl sec-pentanoate	---	8.46224	2708.5661	158.320	204.65	354.63	2
20719	C18H36O2	tridecyl tert-pentanoate	---	8.04425	2520.0775	161.100	196.65	357.18	2
20720	C18H36O2	butyl myristate	110-36-1	8.93874	2922.9594	155.540	212.65	352.19	2

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mm Hg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
20721	C18H36O2	ethyl palmitate	628-97-7	7.84394	2484.1413	158.320	204.65	374.52	1,2
20722	C18H36O2	methyl heptadecanoate	1731-92-6	8.46224	2708.5661	158.320	204.65	354.63	2
20723	C18H36S	thiacyclononadecane	296-47-9	5.77291	1617.6520	172.310	166.61	452.01	3
20724	C18H37Br	1-bromooctadecane	112-89-0	7.53935	2422.1650	155.428	214.97	400.43	2
20725	C18H37Br	2-bromooctadecane	---	7.24047	2278.8855	158.208	206.97	403.28	2
20726	C18H37Br	3-bromooctadecane	---	7.24047	2278.8855	158.208	206.97	403.28	2
20727	C18H37Br	4-bromooctadecane	---	7.24047	2278.8855	158.208	206.97	403.28	2
20728	C18H37Br	5-bromooctadecane	---	7.24047	2278.8855	158.208	206.97	403.28	2
20729	C18H37Br	6-bromooctadecane	---	7.24047	2278.8855	158.208	206.97	403.28	2
20730	C18H37Br	7-bromooctadecane	---	7.24047	2278.8855	158.208	206.97	403.28	2
20731	C18H37Br	8-bromooctadecane	---	7.24047	2278.8855	158.208	206.97	403.28	2
20732	C18H37Br	9-bromooctadecane	---	7.24047	2278.8855	158.208	207	403	2
20733	C18H37Br	1-bromo-2-methylheptadecane	---	7.24047	2278.8855	158.208	207	403	2
20734	C18H37Br	1-bromo-3-methylheptadecane	---	7.24047	2278.8855	158.208	207	403	2
20735	C18H37Br	1-bromo-4-methylheptadecane	---	7.24047	2278.8855	158.208	207	403	2
20736	C18H37Br	1-bromo-5-methylheptadecane	---	7.24047	2278.8855	158.208	207	403	2
20737	C18H37Br	1-bromo-6-methylheptadecane	---	7.24047	2278.8855	158.208	207	403	2
20738	C18H37Br	1-bromo-7-methylheptadecane	---	7.24047	2278.8855	158.208	207	403	2
20739	C18H37Br	1-bromo-8-methylheptadecane	---	7.24047	2278.8855	158.208	206.97	403.28	2
20740	C18H37Br	1-bromo-9-methylheptadecane	---	7.24047	2278.8855	158.208	207	403	2
20741	C18H37Br	1-bromo-10-methylheptadecane	---	7.24047	2278.8855	158.208	206.97	403.28	2
20742	C18H37Br	1-bromo-11-methylheptadecane	---	7.24047	2278.8855	158.208	206.97	403.28	2
20743	C18H37Br	1-bromo-12-methylheptadecane	---	7.24047	2278.8855	158.208	206.97	403.28	2
20744	C18H37Br	1-bromo-13-methylheptadecane	---	7.24047	2278.8855	158.208	206.97	403.28	2
20745	C18H37Br	1-bromo-14-methylheptadecane	---	7.24047	2278.8855	158.208	206.97	403.28	2
20746	C18H37Br	1-bromo-15-methylheptadecane	---	7.24047	2278.8855	158.208	206.97	403.28	2
20747	C18H37Br	1-bromo-16-methylheptadecane	---	7.24047	2278.8855	158.208	206.97	403.28	2
20748	C18H37Br	2-bromo-2-methylheptadecane	---	6.97048	2149.1245	160.988	198.97	406.27	2
20749	C18H37Br	2-bromo-3-methylheptadecane	---	6.97048	2149.1245	160.988	198.97	406.27	2
20750	C18H37Br	2-bromo-4-methylheptadecane	---	6.97048	2149.1245	160.988	198.97	406.27	2
20751	C18H37Br	2-bromo-5-methylheptadecane	---	6.97048	2149.1245	160.988	198.97	406.27	2
20752	C18H37Br	2-bromo-6-methylheptadecane	---	6.97048	2149.1245	160.988	198.97	406.27	2
20753	C18H37Br	2-bromo-7-methylheptadecane	---	6.97048	2149.1245	160.988	198.97	406.27	2
20754	C18H37Br	2-bromo-8-methylheptadecane	---	6.97048	2149.1245	160.988	198.97	406.27	2
20755	C18H37Br	2-bromo-9-methylheptadecane	---	6.97048	2149.1245	160.988	198.97	406.27	2
20756	C18H37Br	2-bromo-10-methylheptadecane	---	6.97048	2149.1245	160.988	198.97	406.27	2
20757	C18H37Br	2-bromo-11-methylheptadecane	---	6.97048	2149.1245	160.988	198.97	406.27	2
20758	C18H37Br	2-bromo-12-methylheptadecane	---	6.97048	2149.1245	160.988	198.97	406.27	2
20759	C18H37Br	2-bromo-13-methylheptadecane	---	6.97048	2149.1245	160.988	198.97	406.27	2
20760	C18H37Br	2-bromo-14-methylheptadecane	---	6.97048	2149.1245	160.988	198.97	406.27	2
20761	C18H37Br	2-bromo-15-methylheptadecane	---	6.97048	2149.1245	160.988	198.97	406.27	2
20762	C18H37Br	2-bromo-16-methylheptadecane	---	6.97048	2149.1245	160.988	198.97	406.27	2
20763	C18H37Br	3-bromo-2-methylheptadecane	---	6.97048	2149.1245	160.988	198.97	406.27	2
20764	C18H37Br	3-bromo-3-methylheptadecane	---	6.97048	2149.1245	160.988	198.97	406.27	2
20765	C18H37Br	3-bromo-4-methylheptadecane	---	6.97048	2149.1245	160.988	198.97	406.27	2
20766	C18H37Br	3-bromo-5-methylheptadecane	---	6.97048	2149.1245	160.988	198.97	406.27	2
20767	C18H37Br	3-bromo-6-methylheptadecane	---	6.97048	2149.1245	160.988	198.97	406.27	2
20768	C18H37Br	3-bromo-7-methylheptadecane	---	6.97048	2149.1245	160.988	198.97	406.27	2
20769	C18H37Br	3-bromo-8-methylheptadecane	---	6.97048	2149.1245	160.988	198.97	406.27	2
20770	C18H37Br	3-bromo-9-methylheptadecane	---	6.97048	2149.1245	160.988	198.97	406.27	2
20771	C18H37Br	3-bromo-10-methylheptadecane	---	6.97048	2149.1245	160.988	198.97	406.27	2
20772	C18H37Br	3-bromo-11-methylheptadecane	---	6.97048	2149.1245	160.988	198.97	406.27	2
20773	C18H37Br	3-bromo-12-methylheptadecane	---	6.97048	2149.1245	160.988	198.97	406.27	2
20774	C18H37Br	3-bromo-13-methylheptadecane	---	6.97048	2149.1245	160.988	198.97	406.27	2
20775	C18H37Br	3-bromo-14-methylheptadecane	---	6.97048	2149.1245	160.988	198.97	406.27	2
20776	C18H37Br	3-bromo-15-methylheptadecane	---	6.97048	2149.1245	160.988	198.97	406.27	2
20777	C18H37Br	3-bromo-16-methylheptadecane	---	6.97048	2149.1245	160.988	198.97	406.27	2
20778	C18H37Cl	1-chlorooctadecane	3386-33-2	6.96747	2185.1576	158.208	207.97	419.02	2
20779	C18H37Cl	2-chlorooctadecane	---	6.69439	2049.7437	160.988	198.97	422.56	2
20780	C18H37Cl	3-chlorooctadecane	---	6.69439	2049.7437	160.988	198.97	422.56	2
20781	C18H37Cl	4-chlorooctadecane	---	6.69439	2049.7437	160.988	198.97	422.56	2
20782	C18H37Cl	5-chlorooctadecane	---	6.69439	2049.7437	160.988	198.97	422.56	2
20783	C18H37Cl	6-chlorooctadecane	---	6.69439	2049.7437	160.988	198.97	422.56	2
20784	C18H37Cl	7-chlorooctadecane	---	6.69439	2049.7437	160.988	198.97	422.56	2
20785	C18H37Cl	8-chlorooctadecane	---	6.69439	2049.7437	160.988	198.97	422.56	2
20786	C18H37Cl	9-chlorooctadecane	---	6.69439	2049.7437	160.988	198.97	422.56	2
20787	C18H37Cl	1-chloro-2-methylheptadecane	---	6.69439	2049.7437	160.988	198.97	422.56	2
20788	C18H37Cl	1-chloro-3-methylheptadecane	---	6.69439	2049.7437	160.988	198.97	422.56	2
20789	C18H37Cl	1-chloro-4-methylheptadecane	---	6.69439	2049.7437	160.988	198.97	422.56	2
20790	C18H37Cl	1-chloro-5-methylheptadecane	---	6.69439	2049.7437	160.988	198.97	422.56	2
20791	C18H37Cl	1-chloro-6-methylheptadecane	---	6.69439	2049.7437	160.988	198.97	422.56	2
20792	C18H37Cl	1-chloro-7-methylheptadecane	---	6.69439	2049.7437	160.988	198.97	422.56	2
20793	C18H37Cl	1-chloro-8-methylheptadecane	---	6.69439	2049.7437	160.988	198.97	422.56	2
20794	C18H37Cl	1-chloro-9-methylheptadecane	---	6.69439	2049.7437	160.988	198.97	422.56	2
20795	C18H37Cl	1-chloro-10-methylheptadecane	---	6.69439	2049.7437	160.988	198.97	422.56	2
20796	C18H37Cl	1-chloro-11-methylheptadecane	---	6.69439	2049.7437	160.988	198.97	422.56	2
20797	C18H37Cl	1-chloro-12-methylheptadecane	---	6.69439	2049.7437	160.988	198.97	422.56	2
20798	C18H37Cl	1-chloro-13-methylheptadecane	---	6.69439	2049.7437	160.988	198.97	422.56	2
20799	C18H37Cl	1-chloro-14-methylheptadecane	---	6.69439	2049.7437	160.988	198.97	422.56	2
20800	C18H37Cl	1-chloro-15-methylheptadecane	---	6.69439	2049.7437	160.988	198.97	422.56	2

Table 1 Vapor Pressure – Organic Compounds

				log ₁₀ P = A - B/(T + C)	(P - mm Hg, T - C)				
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
20801	C18H37Cl	1-chloro-16-methylheptadecane	---	6.69439	2049.7437	160.988	198.97	422.56	2
20802	C18H37Cl	2-chloro-2-methylheptadecane	---	6.47703	1942.9126	163.768	190.97	425.85	2
20803	C18H37Cl	2-chloro-3-methylheptadecane	---	6.47703	1942.9126	163.768	190.97	425.85	2
20804	C18H37Cl	2-chloro-4-methylheptadecane	---	6.47703	1942.9126	163.768	190.97	425.85	2
20805	C18H37Cl	2-chloro-5-methylheptadecane	---	6.47703	1942.9126	163.768	190.97	425.85	2
20806	C18H37Cl	2-chloro-6-methylheptadecane	---	6.47703	1942.9126	163.768	190.97	425.85	2
20807	C18H37Cl	2-chloro-7-methylheptadecane	---	6.47703	1942.9126	163.768	190.97	425.85	2
20808	C18H37Cl	2-chloro-8-methylheptadecane	---	6.47703	1942.9126	163.768	190.97	425.85	2
20809	C18H37Cl	2-chloro-9-methylheptadecane	---	6.47703	1942.9126	163.768	190.97	425.85	2
20810	C18H37Cl	2-chloro-10-methylheptadecane	---	6.47703	1942.9126	163.768	190.97	425.85	2
20811	C18H37Cl	2-chloro-11-methylheptadecane	---	6.47703	1942.9126	163.768	190.97	425.85	2
20812	C18H37Cl	2-chloro-12-methylheptadecane	---	6.47703	1942.9126	163.768	190.97	425.85	2
20813	C18H37Cl	2-chloro-13-methylheptadecane	---	6.47703	1942.9126	163.768	190.97	425.85	2
20814	C18H37Cl	2-chloro-14-methylheptadecane	---	6.47703	1942.9126	163.768	190.97	425.85	2
20815	C18H37Cl	2-chloro-15-methylheptadecane	---	6.47703	1942.9126	163.768	190.97	425.85	2
20816	C18H37Cl	2-chloro-16-methylheptadecane	---	6.47703	1942.9126	163.768	190.97	425.85	2
20817	C18H37Cl	3-chloro-2-methylheptadecane	---	6.47703	1942.9126	163.768	190.97	425.85	2
20818	C18H37Cl	3-chloro-3-methylheptadecane	---	6.47703	1942.9126	163.768	190.97	425.85	2
20819	C18H37Cl	3-chloro-4-methylheptadecane	---	6.47703	1942.9126	163.768	190.97	425.85	2
20820	C18H37Cl	3-chloro-5-methylheptadecane	---	6.47703	1942.9126	163.768	190.97	425.85	2
20821	C18H37Cl	3-chloro-6-methylheptadecane	---	6.47703	1942.9126	163.768	190.97	425.85	2
20822	C18H37Cl	3-chloro-7-methylheptadecane	---	6.47703	1942.9126	163.768	190.97	425.85	2
20823	C18H37Cl	3-chloro-8-methylheptadecane	---	6.47703	1942.9126	163.768	190.97	425.85	2
20824	C18H37Cl	3-chloro-9-methylheptadecane	---	6.47703	1942.9126	163.768	190.97	425.85	2
20825	C18H37Cl	3-chloro-10-methylheptadecane	---	6.47703	1942.9126	163.768	190.97	425.85	2
20826	C18H37Cl	3-chloro-11-methylheptadecane	---	6.47703	1942.9126	163.768	190.97	425.85	2
20827	C18H37Cl	3-chloro-12-methylheptadecane	---	6.47703	1942.9126	163.768	190.97	425.85	2
20828	C18H37Cl	3-chloro-13-methylheptadecane	---	6.47703	1942.9126	163.768	190.97	425.85	2
20829	C18H37Cl	3-chloro-14-methylheptadecane	---	6.47703	1942.9126	163.768	190.97	425.85	2
20830	C18H37Cl	3-chloro-15-methylheptadecane	---	6.47703	1942.9126	163.768	190.97	425.85	2
20831	C18H37Cl	3-chloro-16-methylheptadecane	---	6.47703	1942.9126	163.768	190.97	425.85	2
20832	C18H37F	1-fluorooctadecane	1649-73-6	6.36582	1831.8188	168.216	173.17	407.11	3
20833	C18H37F	1-fluorooctadecane	---	6.20763	1756.0665	170.440	166.77	409.93	3
20834	C18H37F	2-fluorooctadecane	---	6.20763	1756.0665	170.440	166.77	409.93	3
20835	C18H37F	3-fluorooctadecane	---	6.20763	1756.0665	170.440	166.77	409.93	3
20836	C18H37F	4-fluorooctadecane	---	6.20763	1756.0665	170.440	166.77	409.93	3
20837	C18H37F	5-fluorooctadecane	---	6.20763	1756.0665	170.440	166.77	409.93	3
20838	C18H37F	6-fluorooctadecane	---	6.20763	1756.0665	170.440	166.77	409.93	3
20839	C18H37F	7-fluorooctadecane	---	6.20763	1756.0665	170.440	166.77	409.93	3
20840	C18H37F	8-fluorooctadecane	---	6.20763	1756.0665	170.440	166.77	409.93	3
20841	C18H37F	9-fluorooctadecane	---	6.20763	1756.0665	170.440	166.77	409.93	3
20842	C18H37F	1-fluoro-2-methylheptadecane	---	6.20763	1756.0665	170.440	166.77	409.93	3
20843	C18H37F	1-fluoro-3-methylheptadecane	---	6.20763	1756.0665	170.440	166.77	409.93	3
20844	C18H37F	1-fluoro-4-methylheptadecane	---	6.20763	1756.0665	170.440	166.77	409.93	3
20845	C18H37F	1-fluoro-5-methylheptadecane	---	6.20763	1756.0665	170.440	166.77	409.93	3
20846	C18H37F	1-fluoro-6-methylheptadecane	---	6.20763	1756.0665	170.440	166.77	409.93	3
20847	C18H37F	1-fluoro-7-methylheptadecane	---	6.20763	1756.0665	170.440	166.77	409.93	3
20848	C18H37F	1-fluoro-8-methylheptadecane	---	6.20763	1756.0665	170.440	167	410	3
20849	C18H37F	1-fluoro-9-methylheptadecane	---	6.20763	1756.0665	170.440	166.77	409.93	3
20850	C18H37F	1-fluoro-10-methylheptadecane	---	6.20763	1756.0665	170.440	166.77	409.93	3
20851	C18H37F	1-fluoro-11-methylheptadecane	---	6.20763	1756.0665	170.440	166.77	409.93	3
20852	C18H37F	1-fluoro-12-methylheptadecane	---	6.20763	1756.0665	170.440	166.77	409.93	3
20853	C18H37F	1-fluoro-13-methylheptadecane	---	6.20763	1756.0665	170.440	166.77	409.93	3
20854	C18H37F	1-fluoro-14-methylheptadecane	---	6.20763	1756.0665	170.440	166.77	409.93	3
20855	C18H37F	1-fluoro-15-methylheptadecane	---	6.20763	1756.0665	170.440	166.77	409.93	3
20856	C18H37F	1-fluoro-16-methylheptadecane	---	6.20763	1756.0665	170.440	166.77	409.93	3
20857	C18H37F	2-fluoro-2-methylheptadecane	---	6.05971	1685.0578	172.664	160.37	412.86	3
20858	C18H37F	2-fluoro-3-methylheptadecane	---	6.05971	1685.0578	172.664	160.37	412.86	3
20859	C18H37F	2-fluoro-4-methylheptadecane	---	6.05971	1685.0578	172.664	160.37	412.86	3
20860	C18H37F	2-fluoro-5-methylheptadecane	---	6.05971	1685.0578	172.664	160.37	412.86	3
20861	C18H37F	2-fluoro-6-methylheptadecane	---	6.05971	1685.0578	172.664	160.37	412.86	3
20862	C18H37F	2-fluoro-7-methylheptadecane	---	6.05971	1685.0578	172.664	160.37	412.86	3
20863	C18H37F	2-fluoro-8-methylheptadecane	---	6.05971	1685.0578	172.664	160.37	412.86	3
20864	C18H37F	2-fluoro-9-methylheptadecane	---	6.05971	1685.0578	172.664	160.37	412.86	3
20865	C18H37F	2-fluoro-10-methylheptadecane	---	6.05971	1685.0578	172.664	160.37	412.86	3
20866	C18H37F	2-fluoro-11-methylheptadecane	---	6.05971	1685.0578	172.664	160.37	412.86	3
20867	C18H37F	2-fluoro-12-methylheptadecane	---	6.05971	1685.0578	172.664	160.37	412.86	3
20868	C18H37F	2-fluoro-13-methylheptadecane	---	6.05971	1685.0578	172.664	160.37	412.86	3
20869	C18H37F	2-fluoro-14-methylheptadecane	---	6.05971	1685.0578	172.664	160.37	412.86	3
20870	C18H37F	2-fluoro-15-methylheptadecane	---	6.05971	1685.0578	172.664	160.37	412.86	3
20871	C18H37F	2-fluoro-16-methylheptadecane	---	6.05971	1685.0578	172.664	160.37	412.86	3
20872	C18H37F	3-fluoro-2-methylheptadecane	---	6.05971	1685.0578	172.664	160.37	412.86	3
20873	C18H37F	3-fluoro-3-methylheptadecane	---	6.05971	1685.0578	172.664	160.37	412.86	3
20874	C18H37F	3-fluoro-4-methylheptadecane	---	6.05971	1685.0578	172.664	160.37	412.86	3
20875	C18H37F	3-fluoro-5-methylheptadecane	---	6.05971	1685.0578	172.664	160.37	412.86	3
20876	C18H37F	3-fluoro-6-methylheptadecane	---	6.05971	1685.0578	172.664	160.37	412.86	3
20877	C18H37F	3-fluoro-7-methylheptadecane	---	6.05971	1685.0578	172.664	160.37	412.86	3
20878	C18H37F	3-fluoro-8-methylheptadecane	---	6.05971	1685.0578	172.664	160.37	412.86	3
20879	C18H37F	3-fluoro-9-methylheptadecane	---	6.05971	1685.0578	172.664	160.37	412.86	3
20880	C18H37F	3-fluoro-10-methylheptadecane	---	6.05971	1685.0578	172.664	160.37	412.86	3

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mm Hg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
20881	C18H37F	3-fluoro-11-methylheptadecane	---	6.05971	1685.0578	172.664	160.37	412.86	3
20882	C18H37F	3-fluoro-12-methylheptadecane	---	6.05971	1685.0578	172.664	160.37	412.86	3
20883	C18H37F	3-fluoro-13-methylheptadecane	---	6.05971	1685.0578	172.664	160.37	412.86	3
20884	C18H37F	3-fluoro-14-methylheptadecane	---	6.05971	1685.0578	172.664	160.37	412.86	3
20885	C18H37F	3-fluoro-15-methylheptadecane	---	6.05971	1685.0578	172.664	160.37	412.86	3
20886	C18H37F	3-fluoro-16-methylheptadecane	---	6.05971	1685.0578	172.664	160.37	412.86	3
20887	C18H37I	1-iodooctadecane	629-93-6	7.97855	2626.4509	149.590	226.77	397.96	3
20888	C18H37I	1-iodooctadecane	---	7.63401	2462.1471	152.370	218.77	400.65	3
20889	C18H37I	2-iodooctadecane	---	7.63401	2462.1471	152.370	218.77	400.65	3
20890	C18H37I	3-iodooctadecane	---	7.63401	2462.1471	152.370	218.77	400.65	3
20891	C18H37I	4-iodooctadecane	---	7.63401	2462.1471	152.370	218.77	400.65	3
20892	C18H37I	5-iodooctadecane	---	7.63401	2462.1471	152.370	218.77	400.65	3
20893	C18H37I	6-iodooctadecane	---	7.63401	2462.1471	152.370	218.77	400.65	3
20894	C18H37I	7-iodooctadecane	---	7.63401	2462.1471	152.370	218.77	400.65	3
20895	C18H37I	8-iodooctadecane	---	7.63401	2462.1471	152.370	218.77	400.65	3
20896	C18H37I	9-iodooctadecane	---	7.63401	2462.1471	152.370	218.77	400.65	3
20897	C18H37I	1-iodo-2-methylheptadecane	---	7.63401	2462.1471	152.370	218.77	400.65	3
20898	C18H37I	1-iodo-3-methylheptadecane	---	7.63401	2462.1471	152.370	218.77	400.65	3
20899	C18H37I	1-iodo-4-methylheptadecane	---	7.63401	2462.1471	152.370	218.77	400.65	3
20900	C18H37I	1-iodo-5-methylheptadecane	---	7.63401	2462.1471	152.370	218.77	400.65	3
20901	C18H37I	1-iodo-6-methylheptadecane	---	7.63401	2462.1471	152.370	218.77	400.65	3
20902	C18H37I	1-iodo-7-methylheptadecane	---	7.63401	2462.1471	152.370	218.77	400.65	3
20903	C18H37I	1-iodo-8-methylheptadecane	---	7.63401	2462.1471	152.370	218.77	400.65	3
20904	C18H37I	1-iodo-9-methylheptadecane	---	7.63401	2462.1471	152.370	218.77	400.65	3
20905	C18H37I	1-iodo-10-methylheptadecane	---	7.63401	2462.1471	152.370	218.77	400.65	3
20906	C18H37I	1-iodo-11-methylheptadecane	---	7.63401	2462.1471	152.370	218.77	400.65	3
20907	C18H37I	1-iodo-12-methylheptadecane	---	7.63401	2462.1471	152.370	218.77	400.65	3
20908	C18H37I	1-iodo-13-methylheptadecane	---	7.63401	2462.1471	152.370	218.77	400.65	3
20909	C18H37I	1-iodo-14-methylheptadecane	---	7.63401	2462.1471	152.370	218.77	400.65	3
20910	C18H37I	1-iodo-15-methylheptadecane	---	7.63401	2462.1471	152.370	218.77	400.65	3
20911	C18H37I	1-iodo-16-methylheptadecane	---	7.63401	2462.1471	152.370	218.77	400.65	3
20912	C18H37I	2-iodo-2-methylheptadecane	---	7.32506	2314.4667	155.150	210.77	403.47	3
20913	C18H37I	2-iodo-3-methylheptadecane	---	7.32506	2314.4667	155.150	210.77	403.47	3
20914	C18H37I	2-iodo-4-methylheptadecane	---	7.32506	2314.4667	155.150	210.77	403.47	3
20915	C18H37I	2-iodo-5-methylheptadecane	---	7.32506	2314.4667	155.150	210.77	403.47	3
20916	C18H37I	2-iodo-6-methylheptadecane	---	7.32506	2314.4667	155.150	210.77	403.47	3
20917	C18H37I	2-iodo-7-methylheptadecane	---	7.32506	2314.4667	155.150	210.77	403.47	3
20918	C18H37I	2-iodo-8-methylheptadecane	---	7.32506	2314.4667	155.150	210.77	403.47	3
20919	C18H37I	2-iodo-9-methylheptadecane	---	7.32506	2314.4667	155.150	210.77	403.47	3
20920	C18H37I	2-iodo-10-methylheptadecane	---	7.32506	2314.4667	155.150	210.77	403.47	3
20921	C18H37I	2-iodo-11-methylheptadecane	---	7.32506	2314.4667	155.150	210.77	403.47	3
20922	C18H37I	2-iodo-12-methylheptadecane	---	7.32506	2314.4667	155.150	210.77	403.47	3
20923	C18H37I	2-iodo-13-methylheptadecane	---	7.32506	2314.4667	155.150	210.77	403.47	3
20924	C18H37I	2-iodo-14-methylheptadecane	---	7.32506	2314.4667	155.150	210.77	403.47	3
20925	C18H37I	2-iodo-15-methylheptadecane	---	7.32506	2314.4667	155.150	210.77	403.47	3
20926	C18H37I	2-iodo-16-methylheptadecane	---	7.32506	2314.4667	155.150	210.77	403.47	3
20927	C18H37I	3-iodo-2-methylheptadecane	---	7.32506	2314.4667	155.150	210.77	403.47	3
20928	C18H37I	3-iodo-3-methylheptadecane	---	7.32506	2314.4667	155.150	210.77	403.47	3
20929	C18H37I	3-iodo-4-methylheptadecane	---	7.32506	2314.4667	155.150	210.77	403.47	3
20930	C18H37I	3-iodo-5-methylheptadecane	---	7.32506	2314.4667	155.150	210.77	403.47	3
20931	C18H37I	3-iodo-6-methylheptadecane	---	7.32506	2314.4667	155.150	210.77	403.47	3
20932	C18H37I	3-iodo-7-methylheptadecane	---	7.32506	2314.4667	155.150	210.77	403.47	3
20933	C18H37I	3-iodo-8-methylheptadecane	---	7.32506	2314.4667	155.150	210.77	403.47	3
20934	C18H37I	3-iodo-9-methylheptadecane	---	7.32506	2314.4667	155.150	210.77	403.47	3
20935	C18H37I	3-iodo-10-methylheptadecane	---	7.32506	2314.4667	155.150	210.77	403.47	3
20936	C18H37I	3-iodo-11-methylheptadecane	---	7.32506	2314.4667	155.150	210.77	403.47	3
20937	C18H37I	3-iodo-12-methylheptadecane	---	7.32506	2314.4667	155.150	210.77	403.47	3
20938	C18H37I	3-iodo-13-methylheptadecane	---	7.32506	2314.4667	155.150	210.77	403.47	3
20939	C18H37I	3-iodo-14-methylheptadecane	---	7.32506	2314.4667	155.150	210.77	403.47	3
20940	C18H37I	3-iodo-15-methylheptadecane	---	7.32506	2314.4667	155.150	210.77	403.47	3
20941	C18H37I	3-iodo-16-methylheptadecane	---	7.32506	2314.4667	155.150	210.77	403.47	3
20942	C18H37NO2	1-nitrooctadecane	66292-30-6	7.00828	2241.9303	152.370	220.77	433.54	3
20943	C18H38	octadecane	593-45-3	7.41111	2195.8987	168.564	173.95	350.65	1,2
20944	C18H38	2-methylheptadecane	1560-89-0	7.09221	1913.4484	143.300	170.78	346.03	1,2
20945	C18H38	3-methylheptadecane	6418-44-6	7.06540	1909.4272	143.300	171.51	348.37	1,2
20946	C18H38	4-methylheptadecane	26429-11-8	8.24216	3118.3430	274.454	156.13	341.78	1,2
20947	C18H38	5-methylheptadecane	26730-95-0	8.40495	3219.7480	275.111	159.70	341.33	1,2
20948	C18H38	9-methylheptadecane	18869-72-2	8.10098	2434.1738	170.129	172.66	324.71	2
20949	C18H38	2,2-dimethylhexadecane	19486-08-9	6.97664	1836.1626	143.300	164	341	1,2
20950	C18H38	2,3-dimethylhexadecane	61868-02-8	7.03013	1893.3365	143.300	171	349	1,2
20951	C18H38	2,4-dimethylhexadecane	61868-08-4	7.00229	1806.4432	143.300	158	330	1,2
20952	C18H38	4,9-dipropyldodecane	900000-07-9	6.51614	1746.0115	184.118	132	340	2
20953	C18H38	2,4,6-trimethylpentadecane	101882-67-1	8.97977	3348.5500	272.484	147.15	305.06	1,2
20954	C18H38	2,2,5,5-tetramethyl-3,4-di-tert-butylhexane	62850-21-9	4.52021	616.0460	63.035	112	397	1,2
20955	C18H38O	1-octadecanol	112-92-5	7.96326	2561.9497	160.474	207	375	2
20956	C18H38O	2-octadecanol	593-32-8	7.52940	2359.4915	163.968	197	379	2
20957	C18H38O	3-octadecanol, (±)	111897-18-8	7.52940	2359.4915	163.968	197	379	2
20958	C18H38O	3-octadecanol	---	7.53960	2364.2579	163.880	197.65	378.66	2
20959	C18H38O	4-octadecanol	---	7.53960	2364.2579	163.880	197.65	378.66	2
20960	C18H38O	5-octadecanol	26762-44-7	7.53960	2364.2579	163.880	197.65	378.66	2

Table 1 Vapor Pressure – Organic Compounds

NO	FORMULA	NAME	$\log_{10} P = A - B/(T + C) \quad (P - \text{mm Hg}, T - ^\circ\text{C})$						
			CAS No	A	B	C	TMIN	TMAX	code
20961	C18H38O	6-octadecanol	---	7.53960	2364.2579	163.880	197.65	378.66	2
20962	C18H38O	7-octadecanol	---	7.53960	2364.2579	163.880	197.65	378.66	2
20963	C18H38O	8-octadecanol	---	7.53960	2364.2579	163.880	197.65	378.66	2
20964	C18H38O	9-octadecanol	---	7.53960	2364.2579	163.880	197.65	378.66	2
20965	C18H38O	1-methoxy-heptadecane	---	8.18501	2536.7962	164.658	188.41	342.38	3
20966	C18H38O	2-methoxy-heptadecane	---	7.65220	2300.4114	168.522	177.29	346.07	3
20967	C18H38O	3-methoxy-heptadecane	---	7.65220	2300.4114	168.522	177.29	346.07	3
20968	C18H38O	4-methoxy-heptadecane	---	7.65220	2300.4114	168.522	177.29	346.07	3
20969	C18H38O	5-methoxy-heptadecane	---	7.65220	2300.4114	168.522	177.29	346.07	3
20970	C18H38O	6-methoxy-heptadecane	---	7.65220	2300.4114	168.522	177	346	3
20971	C18H38O	7-methoxy-heptadecane	---	7.65220	2300.4114	168.522	177	346	3
20972	C18H38O	8-methoxy-heptadecane	---	7.65220	2300.4114	168.522	177.29	346.07	3
20973	C18H38O	9-methoxy-heptadecane	---	7.65220	2300.4114	168.522	177.29	346.07	3
20974	C18H38O	1-ethoxy-hexadecane	---	7.82981	2379.3005	167.160	181.21	344.74	3
20975	C18H38O	2-ethoxy-hexadecane	---	7.64868	2298.8476	168.550	177.21	346.10	3
20976	C18H38O	3-ethoxy-hexadecane	---	7.64868	2298.8476	168.550	177.21	346.10	3
20977	C18H38O	4-ethoxy-hexadecane	---	7.64868	2298.8476	168.550	177.21	346.10	3
20978	C18H38O	5-ethoxy-hexadecane	---	7.64868	2298.8476	168.550	177.21	346.10	3
20979	C18H38O	6-ethoxy-hexadecane	---	7.64868	2298.8476	168.550	177.21	346.10	3
20980	C18H38O	7-ethoxy-hexadecane	---	7.64868	2298.8476	168.550	177.21	346.10	3
20981	C18H38O	8-ethoxy-hexadecane	---	7.64868	2298.8476	168.550	177.21	346.10	3
20982	C18H38O	1-propoxy-pentadecane	---	7.82981	2379.3005	167.160	181.21	344.74	3
20983	C18H38O	2-propoxy-pentadecane	---	7.51125	2237.7347	169.662	174.01	347.21	3
20984	C18H38O	3-propoxy-pentadecane	---	7.51125	2237.7347	169.662	174.01	347.21	3
20985	C18H38O	4-propoxy-pentadecane	---	7.51125	2237.7347	169.662	174.01	347.21	3
20986	C18H38O	5-propoxy-pentadecane	---	7.51125	2237.7347	169.662	174.01	347.21	3
20987	C18H38O	6-propoxy-pentadecane	---	7.51125	2237.7347	169.662	174.01	347.21	3
20988	C18H38O	7-propoxy-pentadecane	---	7.51125	2237.7347	169.662	174.01	347.21	3
20989	C18H38O	8-propoxy-pentadecane	---	7.51125	2237.7347	169.662	174.01	347.21	3
20990	C18H38O	1-isopropoxy-pentadecane	---	7.34840	2165.2296	171.049	170.02	348.62	3
20991	C18H38O	2-isopropoxy-pentadecane	---	7.34840	2165.2296	171.049	170.02	348.62	3
20992	C18H38O	3-isopropoxy-pentadecane	---	7.34840	2165.2296	171.049	170.02	348.62	3
20993	C18H38O	4-isopropoxy-pentadecane	---	7.34840	2165.2296	171.049	170.02	348.62	3
20994	C18H38O	5-isopropoxy-pentadecane	---	7.34840	2165.2296	171.049	170.02	348.62	3
20995	C18H38O	6-isopropoxy-pentadecane	---	7.34840	2165.2296	171.049	170.02	348.62	3
20996	C18H38O	7-isopropoxy-pentadecane	---	7.34840	2165.2296	171.049	170.02	348.62	3
20997	C18H38O	8-isopropoxy-pentadecane	---	7.34840	2165.2296	171.049	170.02	348.62	3
20998	C18H38O	dinonyl ether	2456-27-1	7.77812	2357.1062	167.702	180.05	345.13	3
20999	C18H38O2	1,2-octadecanediol	20294-76-2	12.40457	4482.6593	147.088	245.97	338.96	3
21000	C18H38O2	1,3-octadecanediol	---	13.77922	5096.3556	144.030	254.77	336.88	3
21001	C18H38O2	1,4-octadecanediol	---	17.69494	6840.9574	138.192	271.57	333.17	3
21002	C18H38O2	1,18-octadecanediol	3155-43-9	15.02240	5650.6943	141.806	261.17	335.43	3
21003	C18H38S	1-octadecanethiol	2885-00-9	7.67256	2467.2422	155.982	213.78	393.43	2
21004	C18H38S	2-octadecanethiol	62155-06-0	7.47956	2375.5501	157.652	208.97	395.10	2
21005	C18H38S	3-octadecanethiol	---	7.44690	2359.3173	157.791	208.17	395.38	2
21006	C18H38S	4-octadecanethiol	---	7.43157	2352.0278	157.930	207.77	395.52	2
21007	C18H38S	5-octadecanethiol	---	7.41632	2344.7758	158.069	207.37	395.67	2
21008	C18H38S	6-octadecanethiol	---	7.40115	2337.5611	158.208	206.97	395.81	2
21009	C18H38S	7-octadecanethiol	---	7.38606	2330.3833	158.347	206.57	395.95	2
21010	C18H38S	8-octadecanethiol	---	7.37105	2323.2423	158.486	206.17	396.09	2
21011	C18H38S	9-octadecanethiol	---	7.35611	2316.1377	158.625	205.77	396.24	2
21012	C18H38S	2-methyl-1-heptadecanethiol	---	7.43188	2352.1732	157.928	207.78	395.52	2
21013	C18H38S	3-methyl-1-heptadecanethiol	---	7.41662	2344.9204	158.067	207.38	395.66	2
21014	C18H38S	4-methyl-1-heptadecanethiol	---	7.40145	2337.7050	158.206	206.98	395.80	2
21015	C18H38S	5-methyl-1-heptadecanethiol	---	7.38636	2330.5265	158.345	206.58	395.95	2
21016	C18H38S	6-methyl-1-heptadecanethiol	---	7.37135	2323.3848	158.484	206.18	396.09	2
21017	C18H38S	7-methyl-1-heptadecanethiol	---	7.35641	2316.2794	158.623	205.78	396.23	2
21018	C18H38S	8-methyl-1-heptadecanethiol	---	7.34155	2309.2102	158.762	205.38	396.38	2
21019	C18H38S	9-methyl-1-heptadecanethiol	---	7.32677	2302.1769	158.901	205	397	2
21020	C18H38S	10-methyl-1-heptadecanethiol	---	7.31207	2295.1791	159.040	204.58	396.66	2
21021	C18H38S	11-methyl-1-heptadecanethiol	---	7.29744	2288.2166	159.179	204.18	396.81	2
21022	C18H38S	12-methyl-1-heptadecanethiol	---	7.28289	2281.2892	159.318	203.78	396.95	2
21023	C18H38S	13-methyl-1-heptadecanethiol	---	7.26841	2274.3965	159.457	203.38	397.10	2
21024	C18H38S	14-methyl-1-heptadecanethiol	---	7.25401	2267.5383	159.596	202.98	397.24	2
21025	C18H38S	15-methyl-1-heptadecanethiol	---	7.23968	2260.7143	159.735	202.58	397.39	2
21026	C18H38S	16-methyl-1-heptadecanethiol	---	7.22542	2253.9243	159.874	202.18	397.53	2
21027	C18H38S	2-methyl-2-heptadecanethiol	---	7.22542	2253.9243	159.874	202.18	397.53	2
21028	C18H38S	3-methyl-2-heptadecanethiol	---	7.21124	2247.1679	160.013	201.78	397.68	2
21029	C18H38S	4-methyl-2-heptadecanethiol	---	7.19713	2240.4451	160.152	201.38	397.83	2
21030	C18H38S	5-methyl-2-heptadecanethiol	---	7.18309	2233.7554	160.291	200.98	397.97	2
21031	C18H38S	6-methyl-2-heptadecanethiol	---	7.16912	2227.0986	160.430	200.58	398.12	2
21032	C18H38S	7-methyl-2-heptadecanethiol	---	7.15522	2220.4745	160.569	200.18	398.27	2
21033	C18H38S	8-methyl-2-heptadecanethiol	---	7.14139	2213.8829	160.708	199.78	398.42	2
21034	C18H38S	9-methyl-2-heptadecanethiol	---	7.12763	2207.3235	160.847	199.38	398.57	2
21035	C18H38S	10-methyl-2-heptadecanethiol	---	7.11394	2200.7960	160.986	198.98	398.71	2
21036	C18H38S	11-methyl-2-heptadecanethiol	---	7.10032	2194.3003	161.125	198.58	398.86	2
21037	C18H38S	12-methyl-2-heptadecanethiol	---	7.08676	2187.8360	161.264	198.18	399.01	2
21038	C18H38S	13-methyl-2-heptadecanethiol	---	7.07328	2181.4030	161.403	197.78	399.16	2
21039	C18H38S	14-methyl-2-heptadecanethiol	---	7.05986	2175.0010	161.542	197.38	399.31	2
21040	C18H38S	15-methyl-2-heptadecanethiol	---	7.04650	2168.6298	161.681	196.98	399.46	2

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mm Hg, } T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
21041	C18H38S	16-methyl-2-heptadecanethiol	---	7.03321	2162.2891	161.820	196.58	399.61	2
21042	C18H38S	2-thianonadecane	62155-11-7	7.78830	2443.0004	158.898	200.99	371.44	2
21043	C18H38S	3-thianonadecane	66292-31-7	7.75293	2426.7436	159.176	200.19	371.71	2
21044	C18H38S	4-thianonadecane	66292-32-8	7.71796	2410.6694	159.454	199.39	371.99	2
21045	C18H38S	5-thianonadecane	66292-33-9	7.68338	2394.7746	159.732	198.59	372.26	2
21046	C18H38S	6-thianonadecane	---	7.64920	2379.0560	160.010	197.79	372.53	2
21047	C18H38S	7-thianonadecane	---	7.61541	2363.5109	160.288	196.99	372.81	2
21048	C18H38S	8-thianonadecane	---	7.58199	2348.1362	160.566	196.19	373.08	2
21049	C18H38S	9-thianonadecane	---	7.54895	2332.9291	160.844	195.39	373.36	2
21050	C18H38S	10-thianonadecane	929-98-6	7.51627	2317.8867	161.122	194.59	373.64	2
21051	C18H38S	3-methyl-2-thiooctadecane	---	7.45199	2288.2857	161.678	192.99	374.20	2
21052	C18H38S	4-methyl-2-thiooctadecane	---	7.42037	2273.7216	161.956	192.19	374.49	2
21053	C18H38S	5-methyl-2-thiooctadecane	---	7.38910	2259.3119	162.234	191.39	374.77	2
21054	C18H38S	6-methyl-2-thiooctadecane	---	7.35817	2245.0539	162.512	190.59	375.06	2
21055	C18H38S	7-methyl-2-thiooctadecane	---	7.32756	2230.9452	162.790	189.79	375.34	2
21056	C18H38S	8-methyl-2-thiooctadecane	---	7.29729	2216.9834	163.068	188.99	375.63	2
21057	C18H38S	9-methyl-2-thiooctadecane	---	7.26733	2203.1662	163.346	188.19	375.92	2
21058	C18H38S	10-methyl-2-thiooctadecane	---	7.23769	2189.4913	163.624	187.39	376.21	2
21059	C18H38S	11-methyl-2-thiooctadecane	---	7.20837	2175.9565	163.902	186.59	376.50	2
21060	C18H38S	2-methyl-3-thiooctadecane	---	7.42037	2273.7216	161.956	192.19	374.49	2
21061	C18H38S	4-methyl-3-thiooctadecane	---	7.38910	2259.3119	162.234	191.39	374.77	2
21062	C18H38S	5-methyl-3-thiooctadecane	---	7.35817	2245.0539	162.512	190.59	375.06	2
21063	C18H38S	6-methyl-3-thiooctadecane	---	7.32756	2230.9452	162.790	189.79	375.34	2
21064	C18H38S	7-methyl-3-thiooctadecane	---	7.29729	2216.9834	163.068	188.99	375.63	2
21065	C18H38S	8-methyl-3-thiooctadecane	---	7.26733	2203.1662	163.346	188.19	375.92	2
21066	C18H38S	9-methyl-3-thiooctadecane	---	7.23769	2189.4913	163.624	187.39	376.21	2
21067	C18H38S	10-methyl-3-thiooctadecane	---	7.20837	2175.9565	163.902	186.59	376.50	2
21068	C18H38S	11-methyl-3-thiooctadecane	---	7.17935	2162.5595	164.180	185.79	376.80	2
21069	C18H38S2	1,18-octadecanedithiol	---	6.64127	2155.5665	145.465	236.64	477.64	2
21070	C18H38S2	1,17-octadecanedithiol	---	6.63085	2150.1163	145.604	236.24	477.80	2
21071	C18H38S2	1,16-octadecanedithiol	---	6.62048	2144.6881	145.743	235.84	477.96	2
21072	C18H38S2	1,15-octadecanedithiol	---	6.61015	2139.2817	145.882	235.44	478.12	2
21073	C18H38S2	1,14-octadecanedithiol	---	6.59986	2133.8971	146.021	235.04	478.29	2
21074	C18H38S2	1,12-octadecanedithiol	---	6.58961	2128.5341	146.160	234.64	478.45	2
21075	C18H38S2	1,11-octadecanedithiol	---	6.57941	2123.1926	146.299	234.24	478.62	2
21076	C18H38S2	1,10-octadecanedithiol	---	6.56925	2117.8724	146.438	233.84	478.78	2
21077	C18H38S2	1,9-octadecanedithiol	---	6.55913	2112.5734	146.577	233.44	478.95	2
21078	C18H38S2	1,8-octadecanedithiol	---	6.54905	2107.2954	146.716	233.04	479.11	2
21079	C18H38S2	1,7-octadecanedithiol	---	6.53902	2102.0384	146.855	232.64	479.28	2
21080	C18H38S2	1,6-octadecanedithiol	---	6.52902	2096.8022	146.994	232.24	479.45	2
21081	C18H38S2	1,5-octadecanedithiol	---	6.51907	2091.5867	147.133	231.84	479.61	2
21082	C18H38S2	1,4-octadecanedithiol	---	6.50915	2086.3918	147.272	231.44	479.78	2
21083	C18H38S2	1,3-octadecanedithiol	---	6.49928	2081.2173	147.411	231.04	479.95	2
21084	C18H38S2	1,2-octadecanedithiol	---	6.48945	2076.0631	147.550	230.64	480.11	2
21085	C18H38S2	2,3-dithiaicosane	---	7.34640	2362.3442	151.256	220.98	415.99	2
21086	C18H38S2	3,4-dithiaicosane	---	7.31750	2348.2883	151.534	220.18	416.28	2
21087	C18H38S2	4,5-dithiaicosane	---	7.28889	2334.3709	151.812	219.38	416.57	2
21088	C18H38S2	5,6-dithiaicosane	---	7.26057	2320.5900	152.090	218.58	416.86	2
21089	C18H38S2	6,7-dithiaicosane	---	7.23253	2306.9434	152.368	217.78	417.15	2
21090	C18H38S2	7,8-dithiaicosane	---	7.20477	2293.4293	152.646	216.98	417.44	2
21091	C18H38S2	8,9-dithiaicosane	---	7.17729	2280.0457	152.924	216.18	417.74	2
21092	C18H38S2	9,10-dithiaicosane	---	7.15007	2266.7905	153.202	215.38	418.03	2
21093	C18H38S2	10,11-dithiaicosane	4485-77-2	7.17993	2283.8408	153.480	216.08	417.75	2
21094	C18H38S2	2,4-dithiaicosane	---	7.65252	2511.0159	148.476	228.98	413.19	2
21095	C18H38S2	3,5-dithiaicosane	---	7.62043	2495.4495	148.754	228.18	413.46	2
21096	C18H38S2	4,6-dithiaicosane	---	7.58869	2480.0451	149.032	227.38	413.74	2
21097	C18H38S2	5,7-dithiaicosane	---	7.55728	2464.8001	149.310	226.58	414.02	2
21098	C18H38S2	6,8-dithiaicosane	---	7.52620	2449.7121	149.588	225.78	414.30	2
21099	C18H38S2	7,9-dithiaicosane	---	7.49545	2434.7785	149.866	224.98	414.58	2
21100	C18H38S2	8,10-dithiaicosane	---	7.46502	2419.9969	150.144	224.18	414.86	2
21101	C18H38S2	9,11-dithiaicosane	---	7.43491	2405.3650	150.422	223.38	415.14	2
21102	C18H39N	octadecylamine	124-30-1	7.99932	2588.2672	156.818	212.97	380.45	1,2
21103	C18H39N	methylheptadecylamine	66292-34-0	7.75438	2416.5985	163.212	194.57	365.29	2
21104	C18H39N	ethylhexadecylamine	5877-76-9	7.47676	2320.6509	162.934	195.37	377.39	1,2
21105	C18H39N	dinonylamine	2044-21-5	7.63880	2375.2446	163.212	194.57	369.72	1,2
21106	C18H39N	dimethylhexadecylamine	112-69-6	8.39712	2631.1143	164.324	191.37	340.18	2
21107	C18H39N	diethyltetradecylamine	7307-58-6	7.40986	2192.9572	171.552	170.57	347.12	2
21108	C18H39N	triethylamine	102-86-3	7.71516	2157.1941	182.672	138.57	293.18	1,2
21109	C19H14	1-methylchrysene	3351-28-8	6.97049	2429.9179	129.018	277.97	512.35	3
21110	C19H14	5-methylchrysene	3697-24-3	6.97049	2429.9179	129.018	277.97	512.35	3
21111	C19H14	2-methylchrysene	3351-32-4	6.97049	2429.9179	129.018	277.97	512.35	3
21112	C19H14	3-methylchrysene	3351-31-3	6.97049	2429.9179	129.018	277.97	512.35	3
21113	C19H14	4-methylchrysene	3351-30-2	6.97049	2429.9179	129.018	277.97	512.35	3
21114	C19H14	6-methylchrysene	1705-85-7	6.97049	2429.9179	129.018	277.97	512.35	3
21115	C19H16	triphenylmethane	519-73-3	8.53702	2725.4235	159.594	202.01	349.34	3
21116	C19H22	1,1-diphenyl-1-heptene	1530-20-7	6.76133	1998.6878	161.544	185.37	396.83	2
21117	C19H24	1,1-diphenylheptane	1530-05-8	6.71440	1969.6525	163.212	181.47	394.36	2
21118	C19H26	1-nonylnaphthalene	26438-26-6	7.02018	2160.6893	154.358	204.55	408.57	2
21119	C19H26	2-nonylnaphthalene	61886-67-7	7.10441	2200.9577	153.482	207.07	407.62	2
21120	C19H30	1-nonyl-[1,2,3,4-tetrahydronaphthalene]	33425-49-9	6.75663	2019.3689	159.320	191.47	405.57	2

Table 1 Vapor Pressure – Organic Compounds

NO	FORMULA	NAME	$\log_{10} P = A - B/(T + C)$ (P - mm Hg, T - C)						
			CAS No	A	B	C	TMIN	TMAX	code
21121	C19H30	2-nonyl-[1,2,3,4-tetrahydronaphthalene]	26437-45-6	6.82960	2054.0972	158.486	193.87	404.63	2
21122	C19H31Cl	dodecylbenzyl chloride	28061-21-4	5.40206	1459.7664	170.760	160.85	486.73	2
21123	C19H32	tridecylbenzene	123-02-4	7.66318	2417.5652	166.800	196.02	372.67	2
21124	C19H32	(1-hexylheptyl)benzene	2400-01-3	7.33909	2228.7140	161.188	190.39	374.91	2
21125	C19H34	tricyclohexylmethane	1610-24-8	7.05534	2178.4563	181.122	178.64	381.28	3
21126	C19H34O	2-nonadecynal	---	6.78087	2195.0343	151.536	228.17	458.36	3
21127	C19H34O2	2-nonadecynoic acid	---	7.71836	2791.1482	132.500	283	483	3
21128	C19H34O2	3-nonadecynoic acid	---	7.71836	2791.1482	132.500	283	483	3
21129	C19H34O2	4-nonadecynoic acid	---	7.71836	2791.1482	132.500	283	483	3
21130	C19H34O2	5-nonadecynoic acid	---	7.71836	2791.1482	132.500	283	483	3
21131	C19H34O2	6-nonadecynoic acid	---	7.71836	2791.1482	132.500	283	483	3
21132	C19H34O2	7-nonadecynoic acid	---	7.71836	2791.1482	132.500	283	483	3
21133	C19H34O2	8-nonadecynoic acid	---	7.71836	2791.1482	132.500	283	483	3
21134	C19H34O2	9-nonadecynoic acid	---	7.71836	2791.1482	132.500	283	483	3
21135	C19H34O2	10-nonadecynoic acid	---	7.71836	2791.1482	132.500	283	483	3
21136	C19H34O2	11-nonadecynoic acid	---	7.71836	2791.1482	132.500	283	483	3
21137	C19H34O2	12-nonadecynoic acid	---	7.71836	2791.1482	132.500	283	483	3
21138	C19H34O2	13-nonadecynoic acid	---	7.71836	2791.1482	132.500	283	483	3
21139	C19H34O2	14-nonadecynoic acid	---	7.71836	2791.1482	132.500	283	483	3
21140	C19H34O2	15-nonadecynoic acid	---	7.71836	2791.1482	132.500	283	483	3
21141	C19H34O2	16-nonadecynoic acid	---	7.71836	2791.1482	132.500	283	483	3
21142	C19H34O2	17-nonadecynoic acid	---	7.71836	2791.1482	132.500	283	483	3
21143	C19H34O2	18-nonadecynoic acid	---	7.71836	2791.1482	132.500	283	483	3
21144	C19H34O2	4-methyl-2-octadecynoic acid	---	7.71836	2791.1482	132.500	283	483	3
21145	C19H34O2	5-methyl-2-octadecynoic acid	---	7.71836	2791.1482	132.500	283	483	3
21146	C19H34O2	6-methyl-2-octadecynoic acid	---	7.71836	2791.1482	132.500	283	483	3
21147	C19H34O2	7-methyl-2-octadecynoic acid	---	7.71836	2791.1482	132.500	283	483	3
21148	C19H34O2	8-methyl-2-octadecynoic acid	---	7.71836	2791.1482	132.500	283	483	3
21149	C19H34O2	9-methyl-2-octadecynoic acid	---	7.71836	2791.1482	132.500	283	483	3
21150	C19H34O2	10-methyl-2-octadecynoic acid	---	7.71836	2791.1482	132.500	283	483	3
21151	C19H34O2	11-methyl-2-octadecynoic acid	---	7.71836	2791.1482	132.500	283	483	3
21152	C19H34O2	12-methyl-2-octadecynoic acid	---	7.71836	2791.1482	132.500	283	483	3
21153	C19H34O2	13-methyl-2-octadecynoic acid	---	7.71836	2791.1482	132.500	283	483	3
21154	C19H34O2	14-methyl-2-octadecynoic acid	---	7.71836	2791.1482	132.500	283	483	3
21155	C19H34O2	15-methyl-2-octadecynoic acid	---	7.71836	2791.1482	132.500	283	483	3
21156	C19H34O2	16-methyl-2-octadecynoic acid	---	7.71836	2791.1482	132.500	283	483	3
21157	C19H34O2	17-methyl-2-octadecynoic acid	---	7.71836	2791.1482	132.500	283	483	3
21158	C19H34O2	2-methyl-3-octadecynoic acid	---	7.71836	2791.1482	132.500	283	483	3
21159	C19H34O2	5-methyl-3-octadecynoic acid	---	7.71836	2791.1482	132.500	283	483	3
21160	C19H34O2	6-methyl-3-octadecynoic acid	---	7.71836	2791.1482	132.500	283	483	3
21161	C19H34O2	7-methyl-3-octadecynoic acid	---	7.71836	2791.1482	132.500	283	483	3
21162	C19H34O2	8-methyl-3-octadecynoic acid	---	7.71836	2791.1482	132.500	283	483	3
21163	C19H34O2	9-methyl-3-octadecynoic acid	---	7.71836	2791.1482	132.500	283	483	3
21164	C19H34O2	10-methyl-3-octadecynoic acid	---	7.71836	2791.1482	132.500	283	483	3
21165	C19H34O2	11-methyl-3-octadecynoic acid	---	7.71836	2791.1482	132.500	283	483	3
21166	C19H34O2	12-methyl-3-octadecynoic acid	---	7.71836	2791.1482	132.500	283	483	3
21167	C19H34O2	13-methyl-3-octadecynoic acid	---	7.71836	2791.1482	132.500	283	483	3
21168	C19H34O2	14-methyl-3-octadecynoic acid	---	7.71836	2791.1482	132.500	283	483	3
21169	C19H34O2	15-methyl-3-octadecynoic acid	---	7.71836	2791.1482	132.500	283	483	3
21170	C19H34O2	16-methyl-3-octadecynoic acid	---	7.71836	2791.1482	132.500	283	483	3
21171	C19H34O2	17-methyl-3-octadecynoic acid	---	7.71836	2791.1482	132.500	283	483	3
21172	C19H34O2	2-methyl-4-octadecynoic acid	---	7.71836	2791.1482	132.500	283	483	3
21173	C19H34O2	3-methyl-4-octadecynoic acid	---	7.71836	2791.1482	132.500	283	483	3
21174	C19H34O2	6-methyl-4-octadecynoic acid	---	7.71836	2791.1482	132.500	283	483	3
21175	C19H34O2	7-methyl-4-octadecynoic acid	---	7.71836	2791.1482	132.500	283	483	3
21176	C19H34O2	8-methyl-4-octadecynoic acid	---	7.71836	2791.1482	132.500	283	483	3
21177	C19H34O2	9-methyl-4-octadecynoic acid	---	7.71836	2791.1482	132.500	283	483	3
21178	C19H34O2	10-methyl-4-octadecynoic acid	---	7.71836	2791.1482	132.500	283	483	3
21179	C19H34O2	11-methyl-4-octadecynoic acid	---	7.71836	2791.1482	132.500	283	483	3
21180	C19H34O2	12-methyl-4-octadecynoic acid	---	7.71836	2791.1482	132.500	283	483	3
21181	C19H34O2	13-methyl-4-octadecynoic acid	---	7.71836	2791.1482	132.500	283	483	3
21182	C19H34O2	14-methyl-4-octadecynoic acid	---	7.71836	2791.1482	132.500	283	483	3
21183	C19H34O2	15-methyl-4-octadecynoic acid	---	7.71836	2791.1482	132.500	283	483	3
21184	C19H34O2	16-methyl-4-octadecynoic acid	---	7.71836	2791.1482	132.500	283	483	3
21185	C19H34O2	17-methyl-4-octadecynoic acid	---	7.71836	2791.1482	132.500	283	483	3
21186	C19H34O2	4-ethyl-2-heptadecynoic acid	---	7.71836	2791.1482	132.500	283	483	3
21187	C19H34O2	5-ethyl-2-heptadecynoic acid	---	7.71836	2791.1482	132.500	283	483	3
21188	C19H34O2	6-ethyl-2-heptadecynoic acid	---	7.71836	2791.1482	132.500	283	483	3
21189	C19H34O2	7-ethyl-2-heptadecynoic acid	---	7.71836	2791.1482	132.500	283	483	3
21190	C19H34O2	8-ethyl-2-heptadecynoic acid	---	7.71836	2791.1482	132.500	283	483	3
21191	C19H34O2	9-ethyl-2-heptadecynoic acid	---	7.71836	2791.1482	132.500	283	483	3
21192	C19H34O2	10-ethyl-2-heptadecynoic acid	---	7.71836	2791.1482	132.500	283	483	3
21193	C19H34O2	11-ethyl-2-heptadecynoic acid	---	7.71836	2791.1482	132.500	283	483	3
21194	C19H34O2	12-ethyl-2-heptadecynoic acid	---	7.71836	2791.1482	132.500	283	483	3
21195	C19H34O2	13-ethyl-2-heptadecynoic acid	---	7.71836	2791.1482	132.500	283	483	3
21196	C19H34O2	14-ethyl-2-heptadecynoic acid	---	7.71836	2791.1482	132.500	283	483	3
21197	C19H34O2	15-ethyl-2-heptadecynoic acid	---	7.71836	2791.1482	132.500	283	483	3
21198	C19H34O2	16-ethyl-2-heptadecynoic acid	---	7.71836	2791.1482	132.500	283	483	3
21199	C19H34S	2-pentadecylthiophene	---	7.16873	2226.0302	157.847	203.01	400.49	2
21200	C19H34S	3-pentadecylthiophene	---	7.22505	2252.8523	157.291	204.61	399.90	2

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mm Hg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
21201	C19H34S	2-isopentadecylthiophene	---	7.03279	2161.2300	159.237	199.01	401.98	2
21202	C19H34S	3-isopentadecylthiophene	---	7.08636	2186.7731	158.681	200.61	401.38	2
21203	C19H34S	2-sec-pentadecylthiophene	---	6.90340	2099.4653	160.627	195.01	403.51	2
21204	C19H34S	3-sec-pentadecylthiophene	---	6.95440	2123.8211	160.071	196.61	402.89	2
21205	C19H34S	2-tert-pentadecylthiophene	---	6.78008	2040.5223	162.017	191.01	405.07	2
21206	C19H34S	3-tert-pentadecylthiophene	---	6.82870	2063.7738	161.461	192.61	404.44	2
21207	C19H34S	2-methyl-3-tetradecylthiophene	---	7.19675	2239.3748	157.569	203.81	400.20	2
21208	C19H34S	2-methyl-4-tetradecyl thiophene	---	7.22505	2252.8523	157.291	204.61	399.90	2
21209	C19H34S	2-methyl-5-tetradecyl thiophene	---	7.25365	2266.4646	157.013	205.41	399.61	2
21210	C19H34S	3-methyl-2-tetradecylthiophene	---	7.25365	2266.4646	157.013	205.41	399.61	2
21211	C19H34S	3-methyl-4-tetradecyl thiophene	---	7.28253	2280.2137	156.735	206.21	399.32	2
21212	C19H34S	3-methyl-5-tetradecylthiophene	---	7.31172	2294.1020	156.457	207.01	399.03	2
21213	C19H36	1-nonadecyne	26186-01-6	7.58657	2319.3528	165.156	186.98	361.40	2
21214	C19H36	2-nonadecyne	61847-98-1	8.02050	2516.0921	161.822	196.57	358.18	2
21215	C19H36	3-nonadecyne	61886-65-5	7.58623	2319.1997	165.158	186.97	361.41	2
21216	C19H36	4-nonadecyne	---	7.62015	2334.5972	164.880	187.77	361.13	2
21217	C19H36	5-nonadecyne	---	7.65445	2350.1677	164.602	188.57	360.86	2
21218	C19H36	6-nonadecyne	---	7.68915	2365.9144	164.324	189.37	360.58	2
21219	C19H36	7-nonadecyne	---	7.72425	2381.8403	164.046	190.17	360.31	2
21220	C19H36	8-nonadecyne	---	7.75977	2397.9485	163.768	190.97	360.04	2
21221	C19H36	9-nonadecyne	---	7.79570	2414.2423	163.490	191.77	359.77	2
21222	C19H36	3-methyl-1-octadecyne	---	7.55271	2303.9725	165.436	186.17	361.68	2
21223	C19H36	4-methyl-1-octadecyne	---	7.55271	2303.9725	165.436	186.17	361.68	2
21224	C19H36	5-methyl-1-octadecyne	---	7.55271	2303.9725	165.436	186.17	361.68	2
21225	C19H36	6-methyl-1-octadecyne	---	7.55271	2303.9725	165.436	186.17	361.68	2
21226	C19H36	7-methyl-1-octadecyne	---	7.55271	2303.9725	165.436	186.17	361.68	2
21227	C19H36	8-methyl-1-octadecyne	---	7.55271	2303.9725	165.436	186.17	361.68	2
21228	C19H36	9-methyl-1-octadecyne	---	7.55271	2303.9725	165.436	186.17	361.68	2
21229	C19H36	10-methyl-1-octadecyne	---	7.55271	2303.9725	165.436	186.17	361.68	2
21230	C19H36	11-methyl-1-octadecyne	---	7.55271	2303.9725	165.436	186.17	361.68	2
21231	C19H36	12-methyl-1-octadecyne	---	7.55271	2303.9725	165.436	186.17	361.68	2
21232	C19H36	13-methyl-1-octadecyne	---	7.55271	2303.9725	165.436	186.17	361.68	2
21233	C19H36	14-methyl-1-octadecyne	---	7.55271	2303.9725	165.436	186.17	361.68	2
21234	C19H36	15-methyl-1-octadecyne	---	7.55271	2303.9725	165.436	186.17	361.68	2
21235	C19H36	16-methyl-1-octadecyne	---	7.55271	2303.9725	165.436	186.17	361.68	2
21236	C19H36	17-methyl-1-octadecyne	---	7.55271	2303.9725	165.436	186.17	361.68	2
21237	C19H36	4-methyl-2-octadecyne	---	7.55271	2303.9725	165.436	186.17	361.68	2
21238	C19H36	5-methyl-2-octadecyne	---	7.55271	2303.9725	165.436	186.17	361.68	2
21239	C19H36	6-methyl-2-octadecyne	---	7.55271	2303.9725	165.436	186.17	361.68	2
21240	C19H36	7-methyl-2-octadecyne	---	7.55271	2303.9725	165.436	186.17	361.68	2
21241	C19H36	8-methyl-2-octadecyne	---	7.55271	2303.9725	165.436	186.17	361.68	2
21242	C19H36	9-methyl-2-octadecyne	---	7.55271	2303.9725	165.436	186.17	361.68	2
21243	C19H36	10-methyl-2-octadecyne	---	7.55271	2303.9725	165.436	186.17	361.68	2
21244	C19H36	11-methyl-2-octadecyne	---	7.55271	2303.9725	165.436	186.17	361.68	2
21245	C19H36	12-methyl-2-octadecyne	---	7.55271	2303.9725	165.436	186.17	361.68	2
21246	C19H36	13-methyl-2-octadecyne	---	7.55271	2303.9725	165.436	186.17	361.68	2
21247	C19H36	14-methyl-2-octadecyne	---	7.55271	2303.9725	165.436	186.17	361.68	2
21248	C19H36	15-methyl-2-octadecyne	---	7.55271	2303.9725	165.436	186.17	361.68	2
21249	C19H36	16-methyl-2-octadecyne	---	7.55271	2303.9725	165.436	186.17	361.68	2
21250	C19H36	17-methyl-2-octadecyne	---	7.55271	2303.9725	165.436	186.17	361.68	2
21251	C19H36	5-methyl-3-octadecyne	---	7.55271	2303.9725	165.436	186.17	361.68	2
21252	C19H36	6-methyl-3-octadecyne	---	7.55271	2303.9725	165.436	186.17	361.68	2
21253	C19H36	7-methyl-3-octadecyne	---	7.55271	2303.9725	165.436	186.17	361.68	2
21254	C19H36	8-methyl-3-octadecyne	---	7.55271	2303.9725	165.436	186.17	361.68	2
21255	C19H36	9-methyl-3-octadecyne	---	7.55271	2303.9725	165.436	186.17	361.68	2
21256	C19H36	10-methyl-3-octadecyne	---	7.55271	2303.9725	165.436	186.17	361.68	2
21257	C19H36	11-methyl-3-octadecyne	---	7.55271	2303.9725	165.436	186.17	361.68	2
21258	C19H36	12-methyl-3-octadecyne	---	7.55271	2303.9725	165.436	186.17	361.68	2
21259	C19H36	13-methyl-3-octadecyne	---	7.55271	2303.9725	165.436	186.17	361.68	2
21260	C19H36	14-methyl-3-octadecyne	---	7.55271	2303.9725	165.436	186.17	361.68	2
21261	C19H36	15-methyl-3-octadecyne	---	7.55271	2303.9725	165.436	186.17	361.68	2
21262	C19H36	16-methyl-3-octadecyne	---	7.55271	2303.9725	165.436	186.17	361.68	2
21263	C19H36	17-methyl-3-octadecyne	---	7.55271	2303.9725	165.436	186.17	361.68	2
21264	C19H36	3,3-dimethyl-1-heptadecyne	---	7.32821	2201.9137	167.382	180.57	363.66	2
21265	C19H36	3,4-dimethyl-1-heptadecyne	---	7.32821	2201.9137	167.382	180.57	363.66	2
21266	C19H36	3,5-dimethyl-1-heptadecyne	---	7.32821	2201.9137	167.382	180.57	363.66	2
21267	C19H36	3,6-dimethyl-1-heptadecyne	---	7.32821	2201.9137	167.382	180.57	363.66	2
21268	C19H36	3,7-dimethyl-1-heptadecyne	---	7.32821	2201.9137	167.382	180.57	363.66	2
21269	C19H36	3,8-dimethyl-1-heptadecyne	---	7.32821	2201.9137	167.382	180.57	363.66	2
21270	C19H36	3,9-dimethyl-1-heptadecyne	---	7.32821	2201.9137	167.382	180.57	363.66	2
21271	C19H36	3,10-dimethyl-1-heptadecyne	---	7.32821	2201.9137	167.382	180.57	363.66	2
21272	C19H36	3,11-dimethyl-1-heptadecyne	---	7.32821	2201.9137	167.382	180.57	363.66	2
21273	C19H36	3,12-dimethyl-1-heptadecyne	---	7.32821	2201.9137	167.382	180.57	363.66	2
21274	C19H36	3,13-dimethyl-1-heptadecyne	---	7.32821	2201.9137	167.382	180.57	363.66	2
21275	C19H36	3,14-dimethyl-1-heptadecyne	---	7.32821	2201.9137	167.382	180.57	363.66	2
21276	C19H36	3,15-dimethyl-1-heptadecyne	---	7.32821	2201.9137	167.382	180.57	363.66	2
21277	C19H36	3,16-dimethyl-1-heptadecyne	---	7.32821	2201.9137	167.382	180.57	363.66	2
21278	C19H36	4,4-dimethyl-2-heptadecyne	---	7.32821	2201.9137	167.382	180.57	363.66	2
21279	C19H36	4,5-dimethyl-2-heptadecyne	---	7.32821	2201.9137	167.382	180.57	363.66	2
21280	C19H36	4,6-dimethyl-2-heptadecyne	---	7.32821	2201.9137	167.382	180.57	363.66	2

Table 1 Vapor Pressure – Organic Compounds

NO	FORMULA	NAME	$\log_{10} P = A - B/(T + C) \quad (P - \text{mm Hg}, T - ^\circ\text{C})$						
			CAS No	A	B	C	TMIN	TMAX	code
21281	C19H36	4,7-dimethyl-2-heptadecyne	---	7.32821	2201.9137	167.382	180.57	363.66	2
21282	C19H36	4,8-dimethyl-2-heptadecyne	---	7.32821	2201.9137	167.382	180.57	363.66	2
21283	C19H36	4,9-dimethyl-2-heptadecyne	---	7.32821	2201.9137	167.382	180.57	363.66	2
21284	C19H36	4,10-dimethyl-2-heptadecyne	---	7.32821	2201.9137	167.382	180.57	363.66	2
21285	C19H36	4,11-dimethyl-2-heptadecyne	---	7.32821	2201.9137	167.382	180.57	363.66	2
21286	C19H36	4,12-dimethyl-2-heptadecyne	---	7.32821	2201.9137	167.382	180.57	363.66	2
21287	C19H36	4,13-dimethyl-2-heptadecyne	---	7.32821	2201.9137	167.382	180.57	363.66	2
21288	C19H36	4,14-dimethyl-2-heptadecyne	---	7.32821	2201.9137	167.382	180.57	363.66	2
21289	C19H36	4,15-dimethyl-2-heptadecyne	---	7.32821	2201.9137	167.382	180.57	363.66	2
21290	C19H36	4,16-dimethyl-2-heptadecyne	---	7.32821	2201.9137	167.382	180.57	363.66	2
21291	C19H36	3-ethyl-1-heptadecyne	---	7.55271	2303.9725	165.436	186.17	361.68	2
21292	C19H36	4-ethyl-1-heptadecyne	---	7.55271	2303.9725	165.436	186.17	361.68	2
21293	C19H36	5-ethyl-1-heptadecyne	---	7.55271	2303.9725	165.436	186.17	361.68	2
21294	C19H36	6-ethyl-1-heptadecyne	---	7.55271	2303.9725	165.436	186.17	361.68	2
21295	C19H36	7-ethyl-1-heptadecyne	---	7.55271	2303.9725	165.436	186.17	361.68	2
21296	C19H36	8-ethyl-1-heptadecyne	---	7.55271	2303.9725	165.436	186.17	361.68	2
21297	C19H36	9-ethyl-1-heptadecyne	---	7.55271	2303.9725	165.436	186.17	361.68	2
21298	C19H36	10-ethyl-1-heptadecyne	---	7.55271	2303.9725	165.436	186.17	361.68	2
21299	C19H36	11-ethyl-1-heptadecyne	---	7.55271	2303.9725	165.436	186.17	361.68	2
21300	C19H36	12-ethyl-1-heptadecyne	---	7.55271	2303.9725	165.436	186.17	361.68	2
21301	C19H36	13-ethyl-1-heptadecyne	---	7.55271	2303.9725	165.436	186.17	361.68	2
21302	C19H36	14-ethyl-1-heptadecyne	---	7.55271	2303.9725	165.436	186.17	361.68	2
21303	C19H36	15-ethyl-1-heptadecyne	---	7.55271	2303.9725	165.436	186.17	361.68	2
21304	C19H36	16-ethyl-1-heptadecyne	---	7.55271	2303.9725	165.436	186.17	361.68	2
21305	C19H36	1,1-dicyclohexylheptane	2090-15-5	6.60125	1902.9586	163.768	175.97	392.75	2
21306	C19H36	1-tetradecylcyclopentene	62184-79-6	7.21277	2189.1540	177.630	174.73	365.46	2
21307	C19H36O	2-nonadecenal	---	7.54680	2449.7087	151.814	222.37	409.41	3
21308	C19H36O2	2-nonadecenoic acid	---	7.57536	2594.5271	143.613	250.97	446.92	2
21309	C19H36O2	3-nonadecenoic acid	---	7.57536	2594.5271	143.613	250.97	446.92	2
21310	C19H36O2	4-nonadecenoic acid	---	7.57536	2594.5271	143.613	250.97	446.92	2
21311	C19H36O2	5-nonadecenoic acid	---	7.57536	2594.5271	143.613	250.97	446.92	2
21312	C19H36O2	6-nonadecenoic acid	---	7.57536	2594.5271	143.613	250.97	446.92	2
21313	C19H36O2	7-nonadecenoic acid	---	7.57536	2594.5271	143.613	250.97	446.92	2
21314	C19H36O2	8-nonadecenoic acid	---	7.57536	2594.5271	143.613	250.97	446.92	2
21315	C19H36O2	9-nonadecenoic acid	---	7.57536	2594.5271	143.613	250.97	446.92	2
21316	C19H36O2	10-nonadecenoic acid	---	7.57536	2594.5271	143.613	250.97	446.92	2
21317	C19H36O2	11-nonadecenoic acid	---	7.57536	2594.5271	143.613	250.97	446.92	2
21318	C19H36O2	12-nonadecenoic acid	---	7.57536	2594.5271	143.613	250.97	446.92	2
21319	C19H36O2	13-nonadecenoic acid	---	7.57536	2594.5271	143.613	250.97	446.92	2
21320	C19H36O2	14-nonadecenoic acid	---	7.57536	2594.5271	143.613	250.97	446.92	2
21321	C19H36O2	15-nonadecenoic acid	---	7.57536	2594.5271	143.613	250.97	446.92	2
21322	C19H36O2	16-nonadecenoic acid	---	7.57536	2594.5271	143.613	250.97	446.92	2
21323	C19H36O2	17-nonadecenoic acid	---	7.57536	2594.5271	143.613	250.97	446.92	2
21324	C19H36O2	18-nonadecenoic acid	---	7.57536	2594.5271	143.613	250.97	446.92	2
21325	C19H36O2	2-methyl-2-octadecenoic acid	---	7.34495	2477.1137	145.837	244.57	449.18	2
21326	C19H36O2	3-methyl-2-octadecenoic acid	---	7.34495	2477.1137	145.837	244.57	449.18	2
21327	C19H36O2	4-methyl-2-octadecenoic acid	---	7.34495	2477.1137	145.837	244.57	449.18	2
21328	C19H36O2	5-methyl-2-octadecenoic acid	---	7.34495	2477.1137	145.837	244.57	449.18	2
21329	C19H36O2	6-methyl-2-octadecenoic acid	---	7.34495	2477.1137	145.837	244.57	449.18	2
21330	C19H36O2	7-methyl-2-octadecenoic acid	---	7.34495	2477.1137	145.837	244.57	449.18	2
21331	C19H36O2	8-methyl-2-octadecenoic acid	---	7.34495	2477.1137	145.837	244.57	449.18	2
21332	C19H36O2	9-methyl-2-octadecenoic acid	---	7.34495	2477.1137	145.837	244.57	449.18	2
21333	C19H36O2	10-methyl-2-octadecenoic acid	---	7.34495	2477.1137	145.837	244.57	449.18	2
21334	C19H36O2	11-methyl-2-octadecenoic acid	---	7.34495	2477.1137	145.837	244.57	449.18	2
21335	C19H36O2	12-methyl-2-octadecenoic acid	---	7.34495	2477.1137	145.837	244.57	449.18	2
21336	C19H36O2	13-methyl-2-octadecenoic acid	---	7.34495	2477.1137	145.837	244.57	449.18	2
21337	C19H36O2	14-methyl-2-octadecenoic acid	---	7.34495	2477.1137	145.837	244.57	449.18	2
21338	C19H36O2	15-methyl-2-octadecenoic acid	---	7.34495	2477.1137	145.837	244.57	449.18	2
21339	C19H36O2	16-methyl-2-octadecenoic acid	---	7.34495	2477.1137	145.837	244.57	449.18	2
21340	C19H36O2	17-methyl-2-octadecenoic acid	---	7.34495	2477.1137	145.837	244.57	449.18	2
21341	C19H36O2	2-methyl-3-octadecenoic acid	---	7.34495	2477.1137	145.837	244.57	449.18	2
21342	C19H36O2	3-methyl-3-octadecenoic acid	---	7.34495	2477.1137	145.837	244.57	449.18	2
21343	C19H36O2	4-methyl-3-octadecenoic acid	---	7.34495	2477.1137	145.837	244.57	449.18	2
21344	C19H36O2	5-methyl-3-octadecenoic acid	---	7.34495	2477.1137	145.837	244.57	449.18	2
21345	C19H36O2	6-methyl-3-octadecenoic acid	---	7.34495	2477.1137	145.837	244.57	449.18	2
21346	C19H36O2	7-methyl-3-octadecenoic acid	---	7.34495	2477.1137	145.837	244.57	449.18	2
21347	C19H36O2	8-methyl-3-octadecenoic acid	---	7.34495	2477.1137	145.837	244.57	449.18	2
21348	C19H36O2	9-methyl-3-octadecenoic acid	---	7.34495	2477.1137	145.837	244.57	449.18	2
21349	C19H36O2	10-methyl-3-octadecenoic acid	---	7.34495	2477.1137	145.837	244.57	449.18	2
21350	C19H36O2	11-methyl-3-octadecenoic acid	---	7.34495	2477.1137	145.837	244.57	449.18	2
21351	C19H36O2	12-methyl-3-octadecenoic acid	---	7.34495	2477.1137	145.837	244.57	449.18	2
21352	C19H36O2	13-methyl-3-octadecenoic acid	---	7.34495	2477.1137	145.837	244.57	449.18	2
21353	C19H36O2	14-methyl-3-octadecenoic acid	---	7.34495	2477.1137	145.837	244.57	449.18	2
21354	C19H36O2	15-methyl-3-octadecenoic acid	---	7.34495	2477.1137	145.837	244.57	449.18	2
21355	C19H36O2	16-methyl-3-octadecenoic acid	---	7.34495	2477.1137	145.837	244.57	449.18	2
21356	C19H36O2	17-methyl-3-octadecenoic acid	---	7.34495	2477.1137	145.837	244.57	449.18	2
21357	C19H36O2	2-methyl-4-octadecenoic acid	---	7.34495	2477.1137	145.837	244.57	449.18	2
21358	C19H36O2	3-methyl-4-octadecenoic acid	---	7.34495	2477.1137	145.837	244.57	449.18	2
21359	C19H36O2	4-methyl-4-octadecenoic acid	---	7.34495	2477.1137	145.837	244.57	449.18	2
21360	C19H36O2	5-methyl-4-octadecenoic acid	---	7.34495	2477.1137	145.837	244.57	449.18	2

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mm Hg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
21361	C19H36O2	6-methyl-4-octadecenoic acid	---	7.34495	2477.1137	145.837	244.57	449.18	2
21362	C19H36O2	7-methyl-4-octadecenoic acid	---	7.34495	2477.1137	145.837	244.57	449.18	2
21363	C19H36O2	8-methyl-4-octadecenoic acid	---	7.34495	2477.1137	145.837	244.57	449.18	2
21364	C19H36O2	9-methyl-4-octadecenoic acid	---	7.34495	2477.1137	145.837	244.57	449.18	2
21365	C19H36O2	10-methyl-4-octadecenoic acid	---	7.34495	2477.1137	145.837	244.57	449.18	2
21366	C19H36O2	11-methyl-4-octadecenoic acid	---	7.34495	2477.1137	145.837	244.57	449.18	2
21367	C19H36O2	12-methyl-4-octadecenoic acid	---	7.34495	2477.1137	145.837	244.57	449.18	2
21368	C19H36O2	13-methyl-4-octadecenoic acid	---	7.34495	2477.1137	145.837	244.57	449.18	2
21369	C19H36O2	14-methyl-4-octadecenoic acid	---	7.34495	2477.1137	145.837	244.57	449.18	2
21370	C19H36O2	15-methyl-4-octadecenoic acid	---	7.34495	2477.1137	145.837	244.57	449.18	2
21371	C19H36O2	16-methyl-4-octadecenoic acid	---	7.34495	2477.1137	145.837	244.57	449.18	2
21372	C19H36O2	17-methyl-4-octadecenoic acid	---	7.34495	2477.1137	145.837	244.57	449.18	2
21373	C19H36O2	2,3-dimethyl-2-heptadecenoic acid	---	7.13179	2368.2907	148.061	238.17	451.51	2
21374	C19H36O2	2,4-dimethyl-2-heptadecenoic acid	---	7.13179	2368.2907	148.061	238.17	451.51	2
21375	C19H36O2	2,5-dimethyl-2-heptadecenoic acid	---	7.13179	2368.2907	148.061	238.17	451.51	2
21376	C19H36O2	2,6-dimethyl-2-heptadecenoic acid	---	7.13179	2368.2907	148.061	238.17	451.51	2
21377	C19H36O2	2,7-dimethyl-2-heptadecenoic acid	---	7.13179	2368.2907	148.061	238.17	451.51	2
21378	C19H36O2	2,8-dimethyl-2-heptadecenoic acid	---	7.13179	2368.2907	148.061	238.17	451.51	2
21379	C19H36O2	2,9-dimethyl-2-heptadecenoic acid	---	7.13179	2368.2907	148.061	238.17	451.51	2
21380	C19H36O2	2,10-dimethyl-2-heptadecenoic acid	---	7.13179	2368.2907	148.061	238.17	451.51	2
21381	C19H36O2	2,11-dimethyl-2-heptadecenoic acid	---	7.13179	2368.2907	148.061	238.17	451.51	2
21382	C19H36O2	2,12-dimethyl-2-heptadecenoic acid	---	7.13179	2368.2907	148.061	238.17	451.51	2
21383	C19H36O2	2,13-dimethyl-2-heptadecenoic acid	---	7.13179	2368.2907	148.061	238.17	451.51	2
21384	C19H36O2	2,14-dimethyl-2-heptadecenoic acid	---	7.13179	2368.2907	148.061	238.17	451.51	2
21385	C19H36O2	2,15-dimethyl-2-heptadecenoic acid	---	7.13179	2368.2907	148.061	238.17	451.51	2
21386	C19H36O2	2,16-dimethyl-2-heptadecenoic acid	---	7.13179	2368.2907	148.061	238.17	451.51	2
21387	C19H36O2	2-ethyl-2-heptadecenoic acid	---	7.22305	2414.9067	147.088	240.97	450.48	2
21388	C19H36O2	3-ethyl-2-heptadecenoic acid	---	7.22305	2414.9067	147.088	240.97	450.48	2
21389	C19H36O2	4-ethyl-2-heptadecenoic acid	---	7.22305	2414.9067	147.088	240.97	450.48	2
21390	C19H36O2	5-ethyl-2-heptadecenoic acid	---	7.22305	2414.9067	147.088	240.97	450.48	2
21391	C19H36O2	6-ethyl-2-heptadecenoic acid	---	7.22305	2414.9067	147.088	240.97	450.48	2
21392	C19H36O2	7-ethyl-2-heptadecenoic acid	---	7.22305	2414.9067	147.088	240.97	450.48	2
21393	C19H36O2	8-ethyl-2-heptadecenoic acid	---	7.22305	2414.9067	147.088	240.97	450.48	2
21394	C19H36O2	9-ethyl-2-heptadecenoic acid	---	7.22305	2414.9067	147.088	240.97	450.48	2
21395	C19H36O2	10-ethyl-2-heptadecenoic acid	---	7.22305	2414.9067	147.088	240.97	450.48	2
21396	C19H36O2	11-ethyl-2-heptadecenoic acid	---	7.22305	2414.9067	147.088	240.97	450.48	2
21397	C19H36O2	12-ethyl-2-heptadecenoic acid	---	7.22305	2414.9067	147.088	240.97	450.48	2
21398	C19H36O2	13-ethyl-2-heptadecenoic acid	---	7.22305	2414.9067	147.088	240.97	450.48	2
21399	C19H36O2	14-ethyl-2-heptadecenoic acid	---	7.22305	2414.9067	147.088	240.97	450.48	2
21400	C19H36O2	15-ethyl-2-heptadecenoic acid	---	7.22305	2414.9067	147.088	240.97	450.48	2
21401	C19H36O2	16-ethyl-2-heptadecenoic acid	---	7.22305	2414.9067	147.088	240.97	450.48	2
21402	C19H36O2	methyl oleate	112-62-9	7.06038	2296.2868	171.334	207.57	420.72	3
21403	C19H37Br	1-bromo-1-nonadecene	66359-51-1	7.52090	2433.0680	152.648	220.47	408.09	2
21404	C19H37Br	cis-1-bromo-1-nonadecene	---	7.63050	2490.5390	152.648	222.97	407.19	2
21405	C19H37Br	trans-1-bromo-1-nonadecene	66359-52-2	7.52712	2436.0679	152.593	220.63	408.03	2
21406	C19H37Br	2-bromo-1-nonadecene	---	7.64339	2496.7666	152.537	223.29	407.08	2
21407	C19H37Br	3-bromo-1-nonadecene	---	7.64986	2499.8902	152.482	223.45	407.03	2
21408	C19H37Br	4-bromo-1-nonadecene	---	7.65633	2503.0204	152.426	223.61	406.97	2
21409	C19H37Br	5-bromo-1-nonadecene	---	7.66283	2506.1573	152.370	223.77	406.92	2
21410	C19H37Br	6-bromo-1-nonadecene	---	7.66933	2509.3008	152.315	223.93	406.86	2
21411	C19H37Br	7-bromo-1-nonadecene	---	7.67585	2512.4510	152.259	224.09	406.81	2
21412	C19H37Br	8-bromo-1-nonadecene	---	7.68239	2515.6078	152.204	224.25	406.75	2
21413	C19H37Br	9-bromo-1-nonadecene	---	7.68894	2518.7714	152.148	224.41	406.70	2
21414	C19H37Br	10-bromo-1-nonadecene	---	7.69550	2521.9417	152.092	224.57	406.64	2
21415	C19H37Br	11-bromo-1-nonadecene	---	7.70208	2525.1188	152.037	224.73	406.59	2
21416	C19H37Br	12-bromo-1-nonadecene	---	7.70867	2528.3026	151.981	224.89	406.53	2
21417	C19H37Br	13-bromo-1-nonadecene	---	7.71527	2531.4932	151.926	225.05	406.48	2
21418	C19H37Br	14-bromo-1-nonadecene	---	7.72189	2534.6907	151.870	225.21	406.43	2
21419	C19H37Br	15-bromo-1-nonadecene	---	7.72853	2537.8950	151.814	225.37	406.37	2
21420	C19H37Br	16-bromo-1-nonadecene	---	7.73518	2541.1061	151.759	225.53	406.32	2
21421	C19H37Br	17-bromo-1-nonadecene	---	7.74184	2544.3242	151.703	225.69	406.26	2
21422	C19H37Br	18-bromo-1-nonadecene	---	7.74852	2547.5491	151.648	225.85	406.21	2
21423	C19H37Br	19-bromo-1-nonadecene	---	7.75521	2550.7810	151.592	226.01	406.15	2
21424	C19H37Br	1-bromo-2-nonadecene	---	7.76192	2554.0199	151.536	226.17	406.10	2
21425	C19H37Br	2-bromo-2-nonadecene	---	7.76864	2557.2657	151.481	226.33	406.05	2
21426	C19H37Br	3-bromo-2-nonadecene	---	7.77538	2560.5185	151.425	226.49	405.99	2
21427	C19H37Br	4-bromo-2-nonadecene	---	7.78213	2563.7784	151.370	226.65	405.94	2
21428	C19H37Br	5-bromo-2-nonadecene	---	7.78890	2567.0453	151.314	226.81	405.88	2
21429	C19H37Br	6-bromo-2-nonadecene	---	7.79568	2570.3193	151.258	226.97	405.83	2
21430	C19H37Br	7-bromo-2-nonadecene	---	7.80248	2573.6003	151.203	227.13	405.78	2
21431	C19H37Br	8-bromo-2-nonadecene	---	7.80929	2576.8885	151.147	227.29	405.72	2
21432	C19H37Br	9-bromo-2-nonadecene	---	7.81612	2580.1838	151.092	227.45	405.67	2
21433	C19H37Br	10-bromo-2-nonadecene	---	7.82296	2583.4863	151.036	227.61	405.62	2
21434	C19H37Br	11-bromo-2-nonadecene	---	7.82982	2586.7960	150.980	227.77	405.56	2
21435	C19H37Br	12-bromo-2-nonadecene	---	7.83669	2590.1129	150.925	227.93	405.51	2
21436	C19H37Br	13-bromo-2-nonadecene	---	7.84358	2593.4371	150.869	228.09	405.46	2
21437	C19H37Br	14-bromo-2-nonadecene	---	7.85048	2596.7685	150.814	228.25	405.40	2
21438	C19H37Br	15-bromo-2-nonadecene	---	7.85740	2600.1071	150.758	228.41	405.35	2
21439	C19H37Br	16-bromo-2-nonadecene	---	7.86434	2603.4531	150.702	228.57	405.29	2
21440	C19H37Br	17-bromo-2-nonadecene	---	7.87129	2606.8065	150.647	228.73	405.24	2

Table 1 Vapor Pressure – Organic Compounds

NO	FORMULA	NAME	$\log_{10} P = A - B/(T + C) \quad (P - \text{mm Hg}, T - ^\circ\text{C})$						
			CAS No	A	B	C	TMIN	TMAX	code
21441	C19H37Br	18-bromo-2-nonadecene	---	7.87825	2610.1672	150.591	228.89	405.19	2
21442	C19H37Br	19-bromo-2-nonadecene	---	7.88523	2613.5353	150.536	229.05	405.13	2
21443	C19H37Br3	1,1,1-tribromononadecane	62127-75-7	7.92676	2772.5202	138.192	262.07	446.12	3
21444	C19H37Cl	1-chloro-1-nonadecene	---	6.67835	2118.5714	152.926	220.17	452.98	3
21445	C19H37Cl	cis-1-chloro-1-nonadecene	66359-53-3	6.67835	2118.5714	152.926	220.17	452.98	3
21446	C19H37Cl	trans-1-chloro-1-nonadecene	66359-54-4	6.67835	2118.5714	152.926	220.17	452.98	3
21447	C19H37Cl	2-chloro-1-nonadecene	---	6.68707	2123.0110	152.815	220.49	452.86	3
21448	C19H37Cl	3-chloro-1-nonadecene	---	6.69144	2125.2365	152.760	220.65	452.79	3
21449	C19H37Cl	4-chloro-1-nonadecene	---	6.69581	2127.4656	152.704	220.81	452.73	3
21450	C19H37Cl	5-chloro-1-nonadecene	---	6.70020	2129.6986	152.648	220.97	452.66	3
21451	C19H37Cl	6-chloro-1-nonadecene	---	6.70459	2131.9353	152.593	221.13	452.60	3
21452	C19H37Cl	7-chloro-1-nonadecene	---	6.70899	2134.1757	152.537	221.29	452.53	3
21453	C19H37Cl	8-chloro-1-nonadecene	---	6.71340	2136.4200	152.482	221.45	452.47	3
21454	C19H37Cl	9-chloro-1-nonadecene	---	6.71781	2138.6681	152.426	221.61	452.41	3
21455	C19H37Cl	10-chloro-1-nonadecene	---	6.72224	2140.9200	152.370	221.77	452.34	3
21456	C19H37Cl	11-chloro-1-nonadecene	---	6.72667	2143.1756	152.315	221.93	452.28	3
21457	C19H37Cl	12-chloro-1-nonadecene	---	6.73111	2145.4352	152.259	222.09	452.21	3
21458	C19H37Cl	13-chloro-1-nonadecene	---	6.73555	2147.6985	152.204	222.25	452.15	3
21459	C19H37Cl	14-chloro-1-nonadecene	---	6.74001	2149.9657	152.148	222.41	452.09	3
21460	C19H37Cl	15-chloro-1-nonadecene	---	6.74447	2152.2368	152.092	222.57	452.02	3
21461	C19H37Cl	16-chloro-1-nonadecene	---	6.74894	2154.5117	152.037	222.73	451.96	3
21462	C19H37Cl	17-chloro-1-nonadecene	---	6.75342	2156.7905	151.981	222.89	451.90	3
21463	C19H37Cl	18-chloro-1-nonadecene	---	6.75790	2159.0732	151.926	223.05	451.83	3
21464	C19H37Cl	19-chloro-1-nonadecene	---	6.76240	2161.3598	151.870	223.21	451.77	3
21465	C19H37Cl	1-chloro-2-nonadecene	---	6.76690	2163.6503	151.814	223.37	451.70	3
21466	C19H37Cl	2-chloro-2-nonadecene	---	6.77141	2165.9447	151.759	223.53	451.64	3
21467	C19H37Cl	3-chloro-2-nonadecene	---	6.77593	2168.2431	151.703	223.69	451.58	3
21468	C19H37Cl	4-chloro-2-nonadecene	---	6.78045	2170.5454	151.648	223.85	451.51	3
21469	C19H37Cl	5-chloro-2-nonadecene	---	6.78499	2172.8516	151.592	224.01	451.45	3
21470	C19H37Cl	6-chloro-2-nonadecene	---	6.78953	2175.1619	151.536	224.17	451.39	3
21471	C19H37Cl	7-chloro-2-nonadecene	---	6.79408	2177.4760	151.481	224.33	451.33	3
21472	C19H37Cl	8-chloro-2-nonadecene	---	6.79863	2179.7942	151.425	224.49	451.26	3
21473	C19H37Cl	9-chloro-2-nonadecene	---	6.80320	2182.1164	151.370	224.65	451.20	3
21474	C19H37Cl	10-chloro-2-nonadecene	---	6.80777	2184.4425	151.314	224.81	451.14	3
21475	C19H37Cl	11-chloro-2-nonadecene	---	6.81236	2186.7727	151.258	224.97	451.07	3
21476	C19H37Cl	12-chloro-2-nonadecene	---	6.81695	2189.1069	151.203	225.13	451.01	3
21477	C19H37Cl	13-chloro-2-nonadecene	---	6.82154	2191.4451	151.147	225.29	450.95	3
21478	C19H37Cl	14-chloro-2-nonadecene	---	6.82615	2193.7874	151.092	225.45	450.89	3
21479	C19H37Cl	15-chloro-2-nonadecene	---	6.83077	2196.1337	151.036	225.61	450.82	3
21480	C19H37Cl	16-chloro-2-nonadecene	---	6.83539	2198.4842	150.980	225.77	450.76	3
21481	C19H37Cl	17-chloro-2-nonadecene	---	6.84002	2200.8386	150.925	225.93	450.70	3
21482	C19H37Cl	18-chloro-2-nonadecene	---	6.84466	2203.1972	150.869	226.09	450.63	3
21483	C19H37Cl	19-chloro-2-nonadecene	---	6.84931	2205.5599	150.814	226.25	450.57	3
21484	C19H37Cl3	1,1,1-trichlorononadecane	62108-63-8	7.05111	2330.4304	146.254	238.87	456.04	3
21485	C19H37F	1-fluoro-1-nonadecene	---	6.22759	1846.0094	165.158	187.97	440.94	3
21486	C19H37F	cis-1-fluoro-1-nonadecene	66359-55-5	6.22759	1846.0094	165.158	187.97	440.94	3
21487	C19H37F	trans-1-fluoro-1-nonadecene	66359-56-6	6.22759	1846.0094	165.158	187.97	440.94	3
21488	C19H37F	2-fluoro-1-nonadecene	---	6.23128	1847.8588	165.103	188.13	440.86	3
21489	C19H37F	3-fluoro-1-nonadecene	---	6.23498	1849.7112	165.047	188.29	440.79	3
21490	C19H37F	4-fluoro-1-nonadecene	---	6.23868	1851.5664	164.992	188.45	440.72	3
21491	C19H37F	5-fluoro-1-nonadecene	---	6.24239	1853.4245	164.936	188.61	440.65	3
21492	C19H37F	6-fluoro-1-nonadecene	---	6.24610	1855.2855	164.880	188.77	440.58	3
21493	C19H37F	7-fluoro-1-nonadecene	---	6.24982	1857.1494	164.825	188.93	440.51	3
21494	C19H37F	8-fluoro-1-nonadecene	---	6.25355	1859.0162	164.769	189.09	440.44	3
21495	C19H37F	9-fluoro-1-nonadecene	---	6.25728	1860.8860	164.714	189.25	440.37	3
21496	C19H37F	10-fluoro-1-nonadecene	---	6.26102	1862.7586	164.658	189.41	440.30	3
21497	C19H37F	11-fluoro-1-nonadecene	---	6.26477	1864.6342	164.602	189.57	440.22	3
21498	C19H37F	12-fluoro-1-nonadecene	---	6.26852	1866.5128	164.547	189.73	440.15	3
21499	C19H37F	13-fluoro-1-nonadecene	---	6.27227	1868.3943	164.491	189.89	440.08	3
21500	C19H37F	14-fluoro-1-nonadecene	---	6.27604	1870.2787	164.436	190.05	440.01	3
21501	C19H37F	15-fluoro-1-nonadecene	---	6.27981	1872.1661	164.380	190.21	439.94	3
21502	C19H37F	16-fluoro-1-nonadecene	---	6.28358	1874.0565	164.324	190.37	439.87	3
21503	C19H37F	17-fluoro-1-nonadecene	---	6.28736	1875.9498	164.269	190.53	439.80	3
21504	C19H37F	18-fluoro-1-nonadecene	---	6.29115	1877.8462	164.213	190.69	439.73	3
21505	C19H37F	19-fluoro-1-nonadecene	---	6.29495	1879.7455	164.158	190.85	439.66	3
21506	C19H37F	1-fluoro-2-nonadecene	---	6.29875	1881.6478	164.102	191.01	439.59	3
21507	C19H37F	2-fluoro-2-nonadecene	---	6.30255	1883.5532	164.046	191.17	439.52	3
21508	C19H37F	3-fluoro-2-nonadecene	---	6.30637	1885.4615	163.991	191.33	439.45	3
21509	C19H37F	4-fluoro-2-nonadecene	---	6.31018	1887.3729	163.935	191.49	439.38	3
21510	C19H37F	5-fluoro-2-nonadecene	---	6.31401	1889.2873	163.880	191.65	439.31	3
21511	C19H37F	6-fluoro-2-nonadecene	---	6.31784	1891.2047	163.824	191.81	439.24	3
21512	C19H37F	7-fluoro-2-nonadecene	---	6.32168	1893.1252	163.768	191.97	439.17	3
21513	C19H37F	8-fluoro-2-nonadecene	---	6.32552	1895.0487	163.713	192.13	439.10	3
21514	C19H37F	9-fluoro-2-nonadecene	---	6.32937	1896.9753	163.657	192.29	439.03	3
21515	C19H37F	10-fluoro-2-nonadecene	---	6.33323	1898.9049	163.602	192.45	438.96	3
21516	C19H37F	11-fluoro-2-nonadecene	---	6.33709	1900.8376	163.546	192.61	438.89	3
21517	C19H37F	12-fluoro-2-nonadecene	---	6.34096	1902.7734	163.490	192.77	438.82	3
21518	C19H37F	13-fluoro-2-nonadecene	---	6.34484	1904.7123	163.435	192.93	438.75	3
21519	C19H37F	14-fluoro-2-nonadecene	---	6.34872	1906.6543	163.379	193.09	438.68	3
21520	C19H37F	15-fluoro-2-nonadecene	---	6.35261	1908.5994	163.324	193.25	438.61	3

Table 1 Vapor Pressure – Organic Compounds

NO	FORMULA	NAME	$\log_{10} P = A - B/(T + C) \quad (P - \text{mm Hg}, T - ^\circ\text{C})$						
			CAS No	A	B	C	TMIN	TMAX	code
21521	C19H37F	16-fluoro-2-nonadecene	---	6.35651	1910.5476	163.268	193.41	438.54	3
21522	C19H37F	17-fluoro-2-nonadecene	---	6.36041	1912.4989	163.212	193.57	438.47	3
21523	C19H37F	18-fluoro-2-nonadecene	---	6.36432	1914.4534	163.157	193.73	438.40	3
21524	C19H37F	19-fluoro-2-nonadecene	---	6.36823	1916.4109	163.101	193.89	438.34	3
21525	C19H37F3	1,1,1-trifluorononadecane	62126-85-6	6.85613	2057.2496	169.328	181.97	390.58	3
21526	C19H37I	1-iodo-1-nonadecene	---	8.83643	3012.3592	149.034	235.37	383.69	3
21527	C19H37I	cis-1-iodo-1-nonadecene	66359-57-7	8.83643	3012.3592	149.034	235.37	383.69	3
21528	C19H37I	trans-1-iodo-1-nonadecene	66359-58-8	8.83643	3012.3592	149.034	235.37	383.69	3
21529	C19H37I	2-iodo-1-nonadecene	---	8.84117	3014.5893	149.007	235.45	383.67	3
21530	C19H37I	3-iodo-1-nonadecene	---	8.84591	3016.8223	148.979	235.53	383.65	3
21531	C19H37I	4-iodo-1-nonadecene	---	8.85066	3019.0581	148.951	235.61	383.62	3
21532	C19H37I	5-iodo-1-nonadecene	---	8.85542	3021.2969	148.923	235.69	383.60	3
21533	C19H37I	6-iodo-1-nonadecene	---	8.86018	3023.5386	148.895	235.77	383.57	3
21534	C19H37I	7-iodo-1-nonadecene	---	8.86495	3025.7833	148.868	235.85	383.55	3
21535	C19H37I	8-iodo-1-nonadecene	---	8.86972	3028.0308	148.840	235.93	383.53	3
21536	C19H37I	9-iodo-1-nonadecene	---	8.87450	3030.2813	148.812	236.01	383.50	3
21537	C19H37I	10-iodo-1-nonadecene	---	8.87929	3032.5347	148.784	236.09	383.48	3
21538	C19H37I	11-iodo-1-nonadecene	---	8.88408	3034.7911	148.756	236.17	383.45	3
21539	C19H37I	12-iodo-1-nonadecene	---	8.88888	3037.0504	148.729	236.25	383.43	3
21540	C19H37I	13-iodo-1-nonadecene	---	8.89369	3039.3127	148.701	236.33	383.41	3
21541	C19H37I	14-iodo-1-nonadecene	---	8.89850	3041.5779	148.673	236.41	383.38	3
21542	C19H37I	15-iodo-1-nonadecene	---	8.90332	3043.8461	148.645	236.49	383.36	3
21543	C19H37I	16-iodo-1-nonadecene	---	8.90815	3046.1173	148.617	236.57	383.33	3
21544	C19H37I	17-iodo-1-nonadecene	---	8.91298	3048.3915	148.590	236.65	383.31	3
21545	C19H37I	18-iodo-1-nonadecene	---	8.91782	3050.6686	148.562	236.73	383.29	3
21546	C19H37I	19-iodo-1-nonadecene	---	8.92266	3052.9487	148.534	236.81	383.26	3
21547	C19H37I	1-iodo-2-nonadecene	---	8.92751	3055.2319	148.506	236.89	383.24	3
21548	C19H37I	2-iodo-2-nonadecene	---	8.93237	3057.5180	148.478	236.97	383.22	3
21549	C19H37I	3-iodo-2-nonadecene	---	8.93723	3059.8071	148.451	237.05	383.19	3
21550	C19H37I	4-iodo-2-nonadecene	---	8.94210	3062.0993	148.423	237.13	383.17	3
21551	C19H37I	5-iodo-2-nonadecene	---	8.94698	3064.3945	148.395	237.21	383.14	3
21552	C19H37I	6-iodo-2-nonadecene	---	8.95186	3066.6927	148.367	237.29	383.12	3
21553	C19H37I	7-iodo-2-nonadecene	---	8.95675	3068.9940	148.339	237.37	383.10	3
21554	C19H37I	8-iodo-2-nonadecene	---	8.96165	3071.2982	148.312	237.45	383.07	3
21555	C19H37I	9-iodo-2-nonadecene	---	8.96655	3073.6056	148.284	237.53	383.05	3
21556	C19H37I	10-iodo-2-nonadecene	---	8.97146	3075.9160	148.256	237.61	383.03	3
21557	C19H37I	11-iodo-2-nonadecene	---	8.97638	3078.2294	148.228	237.69	383.00	3
21558	C19H37I	12-iodo-2-nonadecene	---	8.98130	3080.5459	148.200	237.77	382.98	3
21559	C19H37I	13-iodo-2-nonadecene	---	8.98623	3082.8655	148.173	237.85	382.95	3
21560	C19H37I	14-iodo-2-nonadecene	---	8.99117	3085.1881	148.145	237.93	382.93	3
21561	C19H37I	15-iodo-2-nonadecene	---	8.99611	3087.5139	148.117	238.01	382.91	3
21562	C19H37I	16-iodo-2-nonadecene	---	9.00106	3089.8427	148.089	238.09	382.88	3
21563	C19H37I	17-iodo-2-nonadecene	---	9.00602	3092.1746	148.061	238.17	382.86	3
21564	C19H37I	18-iodo-2-nonadecene	---	9.01098	3094.5097	148.034	238.25	382.84	3
21565	C19H37I	19-iodo-2-nonadecene	---	9.01595	3096.8478	148.006	238.33	382.81	3
21566	C19H37N	nonadecanenitrile	28623-46-3	6.99561	2219.3494	152.092	218.07	429.84	2
21567	C19H38	1-nonadecene	18435-45-5	7.73938	2352.1805	164.424	184.60	351.68	2
21568	C19H38	2-nonadecene	---	8.39883	2655.5446	161.544	197.37	347.47	2
21569	C19H38	3-nonadecene	---	7.90802	2436.1170	164.880	187.77	350.57	2
21570	C19H38	4-nonadecene	---	7.94618	2453.1985	164.602	188.57	350.31	2
21571	C19H38	5-nonadecene	---	7.98480	2470.4854	164.324	189.37	350.04	2
21572	C19H38	6-nonadecene	---	8.02391	2487.9817	164.046	190.17	349.78	2
21573	C19H38	7-nonadecene	---	8.06349	2505.6912	163.768	190.97	349.52	2
21574	C19H38	8-nonadecene	---	8.10357	2523.6179	163.490	191.77	349.26	2
21575	C19H38	9-nonadecene	---	8.14416	2541.7659	163.212	192.57	349.00	2
21576	C19H38	2-methyl-1-octadecene	61868-20-0	7.60352	2343.3871	176.490	178.38	353.49	2
21577	C19H38	3-methyl-1-octadecene	---	7.87033	2419.2374	165.158	186.97	350.84	2
21578	C19H38	4-methyl-1-octadecene	---	7.87033	2419.2374	165.158	186.97	350.84	2
21579	C19H38	5-methyl-1-octadecene	---	7.87033	2419.2374	165.158	186.97	350.84	2
21580	C19H38	6-methyl-1-octadecene	---	7.87033	2419.2374	165.158	186.97	350.84	2
21581	C19H38	7-methyl-1-octadecene	---	7.87033	2419.2374	165.158	186.97	350.84	2
21582	C19H38	8-methyl-1-octadecene	---	7.87033	2419.2374	165.158	186.97	350.84	2
21583	C19H38	9-methyl-1-octadecene	---	7.87033	2419.2374	165.158	186.97	350.84	2
21584	C19H38	10-methyl-1-octadecene	---	7.87033	2419.2374	165.158	186.97	350.84	2
21585	C19H38	11-methyl-1-octadecene	---	7.87033	2419.2374	165.158	186.97	350.84	2
21586	C19H38	12-methyl-1-octadecene	---	7.87033	2419.2374	165.158	186.97	350.84	2
21587	C19H38	13-methyl-1-octadecene	---	7.87033	2419.2374	165.158	186.97	350.84	2
21588	C19H38	14-methyl-1-octadecene	---	7.87033	2419.2374	165.158	186.97	350.84	2
21589	C19H38	15-methyl-1-octadecene	---	7.87033	2419.2374	165.158	186.97	350.84	2
21590	C19H38	16-methyl-1-octadecene	---	7.87033	2419.2374	165.158	186.97	350.84	2
21591	C19H38	17-methyl-1-octadecene	---	7.87033	2419.2374	165.158	186.97	350.84	2
21592	C19H38	3-methyl-2-octadecene	---	7.87033	2419.2374	165.158	186.97	350.84	2
21593	C19H38	4-methyl-2-octadecene	---	7.87033	2419.2374	165.158	186.97	350.84	2
21594	C19H38	5-methyl-2-octadecene	---	7.87033	2419.2374	165.158	186.97	350.84	2
21595	C19H38	6-methyl-2-octadecene	---	7.87033	2419.2374	165.158	186.97	350.84	2
21596	C19H38	7-methyl-2-octadecene	---	7.87033	2419.2374	165.158	186.97	350.84	2
21597	C19H38	8-methyl-2-octadecene	---	7.87033	2419.2374	165.158	186.97	350.84	2
21598	C19H38	9-methyl-2-octadecene	---	7.87033	2419.2374	165.158	186.97	350.84	2
21599	C19H38	10-methyl-2-octadecene	---	7.87033	2419.2374	165.158	186.97	350.84	2
21600	C19H38	11-methyl-2-octadecene	---	7.87033	2419.2374	165.158	186.97	350.84	2

Table 1 Vapor Pressure – Organic Compounds

NO	FORMULA	NAME	$\log_{10} P = A - B/(T + C) \quad (P - \text{mm Hg}, T - ^\circ\text{C})$						
			CAS No	A	B	C	TMIN	TMAX	code
21601	C19H38	12-methyl-2-octadecene	---	7.87033	2419.2374	165.158	186.97	350.84	2
21602	C19H38	13-methyl-2-octadecene	---	7.87033	2419.2374	165.158	186.97	350.84	2
21603	C19H38	14-methyl-2-octadecene	---	7.87033	2419.2374	165.158	186.97	350.84	2
21604	C19H38	15-methyl-2-octadecene	---	7.87033	2419.2374	165.158	186.97	350.84	2
21605	C19H38	16-methyl-2-octadecene	---	7.87033	2419.2374	165.158	186.97	350.84	2
21606	C19H38	17-methyl-2-octadecene	---	7.87033	2419.2374	165.158	186.97	350.84	2
21607	C19H38	4-methyl-3-octadecene	---	7.87033	2419.2374	165.158	186.97	350.84	2
21608	C19H38	5-methyl-3-octadecene	---	7.87033	2419.2374	165.158	186.97	350.84	2
21609	C19H38	6-methyl-3-octadecene	---	7.87033	2419.2374	165.158	186.97	350.84	2
21610	C19H38	7-methyl-3-octadecene	---	7.87033	2419.2374	165.158	186.97	350.84	2
21611	C19H38	8-methyl-3-octadecene	---	7.87033	2419.2374	165.158	186.97	350.84	2
21612	C19H38	9-methyl-3-octadecene	---	7.87033	2419.2374	165.158	186.97	350.84	2
21613	C19H38	10-methyl-3-octadecene	---	7.87033	2419.2374	165.158	186.97	350.84	2
21614	C19H38	11-methyl-3-octadecene	---	7.87033	2419.2374	165.158	186.97	350.84	2
21615	C19H38	12-methyl-3-octadecene	---	7.87033	2419.2374	165.158	186.97	350.84	2
21616	C19H38	13-methyl-3-octadecene	---	7.87033	2419.2374	165.158	186.97	350.84	2
21617	C19H38	14-methyl-3-octadecene	---	7.87033	2419.2374	165.158	186.97	350.84	2
21618	C19H38	15-methyl-3-octadecene	---	7.87033	2419.2374	165.158	186.97	350.84	2
21619	C19H38	16-methyl-3-octadecene	---	7.87033	2419.2374	165.158	186.97	350.84	2
21620	C19H38	17-methyl-3-octadecene	---	7.87033	2419.2374	165.158	186.97	350.84	2
21621	C19H38	2,3-dimethyl-1-heptadecene	---	7.61867	2306.4357	167.104	181.37	352.73	2
21622	C19H38	3,3-dimethyl-1-heptadecene	---	7.61867	2306.4357	167.104	181.37	352.73	2
21623	C19H38	3,4-dimethyl-1-heptadecene	---	7.61867	2306.4357	167.104	181.37	352.73	2
21624	C19H38	3,5-dimethyl-1-heptadecene	---	7.61867	2306.4357	167.104	181.37	352.73	2
21625	C19H38	3,6-dimethyl-1-heptadecene	---	7.61867	2306.4357	167.104	181.37	352.73	2
21626	C19H38	3,7-dimethyl-1-heptadecene	---	7.61867	2306.4357	167.104	181.37	352.73	2
21627	C19H38	3,8-dimethyl-1-heptadecene	---	7.61867	2306.4357	167.104	181.37	352.73	2
21628	C19H38	3,9-dimethyl-1-heptadecene	---	7.61867	2306.4357	167.104	181.37	352.73	2
21629	C19H38	3,10-dimethyl-1-heptadecene	---	7.61867	2306.4357	167.104	181.37	352.73	2
21630	C19H38	3,11-dimethyl-1-heptadecene	---	7.61867	2306.4357	167.104	181.37	352.73	2
21631	C19H38	3,12-dimethyl-1-heptadecene	---	7.61867	2306.4357	167.104	181.37	352.73	2
21632	C19H38	3,13-dimethyl-1-heptadecene	---	7.61867	2306.4357	167.104	181.37	352.73	2
21633	C19H38	3,14-dimethyl-1-heptadecene	---	7.61867	2306.4357	167.104	181.37	352.73	2
21634	C19H38	3,15-dimethyl-1-heptadecene	---	7.61867	2306.4357	167.104	181.37	352.73	2
21635	C19H38	3,16-dimethyl-1-heptadecene	---	7.61867	2306.4357	167.104	181.37	352.73	2
21636	C19H38	3,4-dimethyl-2-heptadecene	---	7.61867	2306.4357	167.104	181.37	352.73	2
21637	C19H38	4,4-dimethyl-2-heptadecene	---	7.61867	2306.4357	167.104	181.37	352.73	2
21638	C19H38	4,5-dimethyl-2-heptadecene	---	7.61867	2306.4357	167.104	181.37	352.73	2
21639	C19H38	4,6-dimethyl-2-heptadecene	---	7.61867	2306.4357	167.104	181.37	352.73	2
21640	C19H38	4,7-dimethyl-2-heptadecene	---	7.61867	2306.4357	167.104	181.37	352.73	2
21641	C19H38	4,8-dimethyl-2-heptadecene	---	7.61867	2306.4357	167.104	181.37	352.73	2
21642	C19H38	4,9-dimethyl-2-heptadecene	---	7.61867	2306.4357	167.104	181.37	352.73	2
21643	C19H38	4,10-dimethyl-2-heptadecene	---	7.61867	2306.4357	167.104	181.37	352.73	2
21644	C19H38	4,11-dimethyl-2-heptadecene	---	7.61867	2306.4357	167.104	181.37	352.73	2
21645	C19H38	4,12-dimethyl-2-heptadecene	---	7.61867	2306.4357	167.104	181.37	352.73	2
21646	C19H38	4,13-dimethyl-2-heptadecene	---	7.61867	2306.4357	167.104	181.37	352.73	2
21647	C19H38	4,14-dimethyl-2-heptadecene	---	7.61867	2306.4357	167.104	181.37	352.73	2
21648	C19H38	4,15-dimethyl-2-heptadecene	---	7.61867	2306.4357	167.104	181.37	352.73	2
21649	C19H38	4,16-dimethyl-2-heptadecene	---	7.61867	2306.4357	167.104	181.37	352.73	2
21650	C19H38	2-ethyl-1-heptadecene	---	7.87033	2419.2374	165.158	186.97	350.84	2
21651	C19H38	3-ethyl-1-heptadecene	---	7.87033	2419.2374	165.158	186.97	350.84	2
21652	C19H38	4-ethyl-1-heptadecene	---	7.87033	2419.2374	165.158	186.97	350.84	2
21653	C19H38	5-ethyl-1-heptadecene	---	7.87033	2419.2374	165.158	186.97	350.84	2
21654	C19H38	6-ethyl-1-heptadecene	---	7.87033	2419.2374	165.158	186.97	350.84	2
21655	C19H38	7-ethyl-1-heptadecene	---	7.87033	2419.2374	165.158	186.97	350.84	2
21656	C19H38	8-ethyl-1-heptadecene	---	7.87033	2419.2374	165.158	186.97	350.84	2
21657	C19H38	9-ethyl-1-heptadecene	---	7.87033	2419.2374	165.158	186.97	350.84	2
21658	C19H38	10-ethyl-1-heptadecene	---	7.87033	2419.2374	165.158	186.97	350.84	2
21659	C19H38	11-ethyl-1-heptadecene	---	7.87033	2419.2374	165.158	186.97	350.84	2
21660	C19H38	12-ethyl-1-heptadecene	---	7.87033	2419.2374	165.158	186.97	350.84	2
21661	C19H38	13-ethyl-1-heptadecene	---	7.87033	2419.2374	165.158	186.97	350.84	2
21662	C19H38	14-ethyl-1-heptadecene	---	7.87033	2419.2374	165.158	186.97	350.84	2
21663	C19H38	15-ethyl-1-heptadecene	---	7.87033	2419.2374	165.158	186.97	350.84	2
21664	C19H38	16-ethyl-1-heptadecene	---	7.87033	2419.2374	165.158	186.97	350.84	2
21665	C19H38	tetradecylcyclopentane	1795-22-8	7.84785	2416.5892	161.820	191.08	356.09	2
21666	C19H38	tridecylcyclohexane	6006-33-3	7.58732	2235.7659	148.187	191.22	359.31	1,2
21667	C19H38	7-cyclohexyltridecane	13151-92-3	6.36714	1740.8359	174.626	149.72	371.90	2
21668	C19H38	7-(cyclopentyl-methyl)tridecane	55044-77-4	6.51989	1816.6157	174.491	154.61	369.72	2
21669	C19H38	cyclononadecane	296-44-6	6.53700	1900.0344	174.970	168.18	391.33	3
21670	C19H38Br2	1,1-dibromononadecane	62168-36-9	7.85282	2688.5125	143.752	248.57	431.83	3
21671	C19H38Br2	1,2-dibromononadecane	---	7.88641	2705.2886	143.474	249.37	431.56	3
21672	C19H38Br2	1,3-dibromononadecane	---	7.92038	2722.2438	143.196	250.17	431.29	3
21673	C19H38Br2	1,4-dibromononadecane	---	7.95472	2739.3811	142.918	250.97	431.03	3
21674	C19H38Br2	1,5-dibromononadecane	---	7.98943	2756.7034	142.640	251.77	430.77	3
21675	C19H38Br2	1,6-dibromononadecane	---	8.02453	2774.2139	142.362	252.57	430.50	3
21676	C19H38Br2	1,7-dibromononadecane	---	8.06002	2791.9157	142.084	253.37	430.24	3
21677	C19H38Br2	1,8-dibromononadecane	---	8.09591	2809.8120	141.806	254.17	429.98	3
21678	C19H38Br2	1,9-dibromononadecane	---	8.13220	2827.9061	141.528	254.97	429.72	3
21679	C19H38Br2	1,10-dibromononadecane	---	8.16891	2846.2013	141.250	255.77	429.47	3
21680	C19H38Br2	1,11-dibromononadecane	---	8.20603	2864.7011	140.972	256.57	429.21	3

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mm Hg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
21681	C19H38Br2	1,12-dibromononadecane	---	8.24358	2883.4091	140.694	257.37	428.95	3
21682	C19H38Br2	1,13-dibromononadecane	---	8.28156	2902.3287	140.416	258.17	428.70	3
21683	C19H38Br2	1,14-dibromononadecane	---	8.31998	2921.4637	140.138	258.97	428.45	3
21684	C19H38Br2	1,15-dibromononadecane	---	8.35885	2940.8179	139.860	259.77	428.19	3
21685	C19H38Br2	1,16-dibromononadecane	---	8.39817	2960.3951	139.582	260.57	427.94	3
21686	C19H38Br2	1,17-dibromononadecane	---	8.43796	2980.1993	139.304	261.37	427.69	3
21687	C19H38Br2	1,18-dibromononadecane	---	8.47822	3000.2345	139.026	262.17	427.44	3
21688	C19H38Br2	1,19-dibromononadecane	---	8.51896	3020.5048	138.748	262.97	427.19	3
21689	C19H38Br2	2,2-dibromononadecane	---	7.53574	2529.9984	146.532	240.57	434.56	3
21690	C19H38Br2	2,3-dibromononadecane	---	7.56598	2545.1322	146.254	241.37	434.28	3
21691	C19H38Br2	2,4-dibromononadecane	---	7.59653	2560.4188	145.976	242.17	434.00	3
21692	C19H38Br2	2,5-dibromononadecane	---	7.62740	2575.8607	145.698	242.97	433.73	3
21693	C19H38Br2	2,6-dibromononadecane	---	7.65859	2591.4603	145.420	243.77	433.45	3
21694	C19H38Br2	2,7-dibromononadecane	---	7.69012	2607.2201	145.142	244.57	433.18	3
21695	C19H38Br2	2,8-dibromononadecane	---	7.72197	2623.1426	144.864	245.37	432.90	3
21696	C19H38Br2	2,9-dibromononadecane	---	7.75416	2639.2305	144.586	246.17	432.63	3
21697	C19H38Br2	2,10-dibromononadecane	---	7.78669	2655.4862	144.308	246.97	432.36	3
21698	C19H38Br2	2,11-dibromononadecane	---	7.81958	2671.9127	144.030	247.77	432.09	3
21699	C19H38Br2	2,12-dibromononadecane	---	7.85282	2688.5125	143.752	248.57	431.83	3
21700	C19H38Br2	2,13-dibromononadecane	---	7.88641	2705.2886	143.474	249.37	431.56	3
21701	C19H38Br2	2,14-dibromononadecane	---	7.92038	2722.2438	143.196	250.17	431.29	3
21702	C19H38Br2	2,15-dibromononadecane	---	7.95472	2739.3811	142.918	250.97	431.03	3
21703	C19H38Br2	2,16-dibromononadecane	---	7.98943	2756.7034	142.640	251.77	430.77	3
21704	C19H38Br2	2,17-dibromononadecane	---	8.02453	2774.2139	142.362	252.57	430.50	3
21705	C19H38Br2	2,18-dibromononadecane	---	8.06002	2791.9157	142.084	253.37	430.24	3
21706	C19H38Cl2	1,1-dichlorononadecane	62017-21-4	6.86006	2247.2685	151.119	232.37	459.85	3
21707	C19H38Cl2	1,2-dichlorononadecane	---	6.72453	2169.6600	150.841	228.17	461.59	3
21708	C19H38Cl2	1,3-dichlorononadecane	---	6.74649	2180.9862	150.563	228.97	461.27	3
21709	C19H38Cl2	1,4-dichlorononadecane	---	6.76865	2192.4079	150.285	229.77	460.96	3
21710	C19H38Cl2	1,5-dichlorononadecane	---	6.79101	2203.9265	150.007	230.57	460.64	3
21711	C19H38Cl2	1,6-dichlorononadecane	---	6.81356	2215.5432	149.729	231.37	460.32	3
21712	C19H38Cl2	1,7-dichlorononadecane	---	6.83631	2227.2593	149.451	232.17	460.01	3
21713	C19H38Cl2	1,8-dichlorononadecane	---	6.85926	2239.0762	149.173	232.97	459.70	3
21714	C19H38Cl2	1,9-dichlorononadecane	---	6.88241	2250.9952	148.895	233.77	459.39	3
21715	C19H38Cl2	1,10-dichlorononadecane	---	6.90577	2263.0176	148.617	234.57	459.08	3
21716	C19H38Cl2	1,11-dichlorononadecane	---	6.92935	2275.1449	148.339	235.37	458.77	3
21717	C19H38Cl2	1,12-dichlorononadecane	---	6.95313	2287.3784	148.061	236.17	458.46	3
21718	C19H38Cl2	1,13-dichlorononadecane	---	6.97713	2299.7197	147.783	236.97	458.16	3
21719	C19H38Cl2	1,14-dichlorononadecane	---	7.00135	2312.1701	147.505	237.77	457.85	3
21720	C19H38Cl2	1,15-dichlorononadecane	---	7.02578	2324.7312	147.227	238.57	457.55	3
21721	C19H38Cl2	1,16-dichlorononadecane	---	7.05045	2337.4045	146.949	239.37	457.25	3
21722	C19H38Cl2	1,17-dichlorononadecane	---	7.07534	2350.1915	146.671	240.17	456.95	3
21723	C19H38Cl2	1,18-dichlorononadecane	---	7.10046	2363.0939	146.393	240.97	456.65	3
21724	C19H38Cl2	1,19-dichlorononadecane	---	7.12581	2376.1132	146.115	241.77	456.35	3
21725	C19H38Cl2	2,2-dichlorononadecane	---	6.49481	2051.0439	153.899	219.37	465.20	3
21726	C19H38Cl2	2,3-dichlorononadecane	---	6.51483	2061.3954	153.621	220.17	464.86	3
21727	C19H38Cl2	2,4-dichlorononadecane	---	6.53502	2071.8300	153.343	220.97	464.53	3
21728	C19H38Cl2	2,5-dichlorononadecane	---	6.55537	2082.3488	153.065	221.77	464.20	3
21729	C19H38Cl2	2,6-dichlorononadecane	---	6.57589	2092.9528	152.787	222.57	463.87	3
21730	C19H38Cl2	2,7-dichlorononadecane	---	6.59659	2103.6431	152.509	223.37	463.54	3
21731	C19H38Cl2	2,8-dichlorononadecane	---	6.61746	2114.4208	152.231	224.17	463.21	3
21732	C19H38Cl2	2,9-dichlorononadecane	---	6.63851	2125.2871	151.953	224.97	462.88	3
21733	C19H38Cl2	2,10-dichlorononadecane	---	6.65974	2136.2429	151.675	225.77	462.56	3
21734	C19H38Cl2	2,11-dichlorononadecane	---	6.68115	2147.2896	151.397	226.57	462.24	3
21735	C19H38Cl2	2,12-dichlorononadecane	---	6.70275	2158.4282	151.119	227.37	461.91	3
21736	C19H38Cl2	2,13-dichlorononadecane	---	6.72453	2169.6600	150.841	228.17	461.59	3
21737	C19H38Cl2	2,14-dichlorononadecane	---	6.74649	2180.9862	150.563	228.97	461.27	3
21738	C19H38Cl2	2,15-dichlorononadecane	---	6.76865	2192.4079	150.285	229.77	460.96	3
21739	C19H38Cl2	2,16-dichlorononadecane	---	6.79101	2203.9265	150.007	230.57	460.64	3
21740	C19H38Cl2	2,17-dichlorononadecane	---	6.81356	2215.5432	149.729	231.37	460.32	3
21741	C19H38Cl2	2,18-dichlorononadecane	---	6.83631	2227.2593	149.451	232.17	460.01	3
21742	C19H38F2	1,1-difluorononadecane	62127-08-6	6.21021	1836.2348	167.660	184.77	438.69	3
21743	C19H38F2	1,2-difluorononadecane	---	6.22859	1845.4430	167.382	185.57	438.33	3
21744	C19H38F2	1,3-difluorononadecane	---	6.24712	1854.7231	167.104	186.37	437.97	3
21745	C19H38F2	1,4-difluorononadecane	---	6.26581	1864.0758	166.826	187.17	437.62	3
21746	C19H38F2	1,5-difluorononadecane	---	6.28464	1873.5022	166.548	187.97	437.26	3
21747	C19H38F2	1,6-difluorononadecane	---	6.30363	1883.0031	166.270	188.77	436.91	3
21748	C19H38F2	1,7-difluorononadecane	---	6.32278	1892.5794	165.992	189.57	436.56	3
21749	C19H38F2	1,8-difluorononadecane	---	6.34208	1902.2321	165.714	190.37	436.21	3
21750	C19H38F2	1,9-difluorononadecane	---	6.36155	1911.9621	165.436	191.17	435.87	3
21751	C19H38F2	1,10-difluorononadecane	---	6.38118	1921.7704	165.158	191.97	435.52	3
21752	C19H38F2	1,11-difluorononadecane	---	6.40097	1931.6580	164.880	192.77	435.18	3
21753	C19H38F2	1,12-difluorononadecane	---	6.42093	1941.6258	164.602	193.57	434.83	3
21754	C19H38F2	1,13-difluorononadecane	---	6.44105	1951.6749	164.324	194.37	434.49	3
21755	C19H38F2	1,14-difluorononadecane	---	6.46135	1961.8063	164.046	195.17	434.16	3
21756	C19H38F2	1,15-difluorononadecane	---	6.48182	1972.0211	163.768	195.97	433.82	3
21757	C19H38F2	1,16-difluorononadecane	---	6.50247	1982.3203	163.490	196.77	433.48	3
21758	C19H38F2	1,17-difluorononadecane	---	6.52329	1992.7051	163.212	197.57	433.15	3
21759	C19H38F2	1,18-difluorononadecane	---	6.54429	2003.1765	162.934	198.37	432.82	3
21760	C19H38F2	1,19-difluorononadecane	---	6.56548	2013.7356	162.656	199.17	432.48	3

Table 1 Vapor Pressure – Organic Compounds

log ₁₀ P = A - B/(T + C) (P - mm Hg, T - C)									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
21761	C19H38F2	2,2-difluorononadecane	---	6.03418	1747.9205	170.440	176.77	442.36	3
21762	C19H38F2	2,3-difluorononadecane	---	6.05117	1756.4556	170.162	177.57	441.99	3
21763	C19H38F2	2,4-difluorononadecane	---	6.06829	1765.0545	169.884	178.37	441.61	3
21764	C19H38F2	2,5-difluorononadecane	---	6.08555	1773.7179	169.606	179.17	441.24	3
21765	C19H38F2	2,6-difluorononadecane	---	6.10294	1782.4467	169.328	179.97	440.87	3
21766	C19H38F2	2,7-difluorononadecane	---	6.12046	1791.2415	169.050	180.77	440.50	3
21767	C19H38F2	2,8-difluorononadecane	---	6.13813	1800.1032	168.772	181.57	440.14	3
21768	C19H38F2	2,9-difluorononadecane	---	6.15593	1809.0326	168.494	182.37	439.77	3
21769	C19H38F2	2,10-difluorononadecane	---	6.17388	1818.0304	168.216	183.17	439.41	3
21770	C19H38F2	2,11-difluorononadecane	---	6.19197	1827.0975	167.938	183.97	439.05	3
21771	C19H38F2	2,12-difluorononadecane	---	6.21021	1836.2348	167.660	184.77	438.69	3
21772	C19H38F2	2,13-difluorononadecane	---	6.22859	1845.4430	167.382	185.57	438.33	3
21773	C19H38F2	2,14-difluorononadecane	---	6.24712	1854.7231	167.104	186.37	437.97	3
21774	C19H38F2	2,15-difluorononadecane	---	6.26581	1864.0758	166.826	187.17	437.62	3
21775	C19H38F2	2,16-difluorononadecane	---	6.28464	1873.5022	166.548	187.97	437.26	3
21776	C19H38F2	2,17-difluorononadecane	---	6.30363	1883.0031	166.270	188.77	436.91	3
21777	C19H38F2	2,18-difluorononadecane	---	6.32278	1892.5794	165.992	189.57	436.56	3
21778	C19H38I2	1,1-diiodononadecane	66359-60-2	9.87720	3933.0384	119.400	323.65	468.03	3
21779	C19H38I2	1,2-diiodononadecane	---	9.93281	3962.3394	119.122	324.45	467.81	3
21780	C19H38I2	1,3-diiodononadecane	---	9.98918	3992.0348	118.844	325.25	467.59	3
21781	C19H38I2	1,4-diiodononadecane	---	10.04632	4022.1326	118.566	326.05	467.37	3
21782	C19H38I2	1,5-diiodononadecane	---	10.10425	4052.6412	118.288	326.85	467.15	3
21783	C19H38I2	1,6-diiodononadecane	---	10.16298	4083.5692	118.010	327.65	466.93	3
21784	C19H38I2	1,7-diiodononadecane	---	10.22254	4114.9253	117.732	328.45	466.72	3
21785	C19H38I2	1,8-diiodononadecane	---	10.28293	4146.7186	117.454	329.25	466.50	3
21786	C19H38I2	1,9-diiodononadecane	---	10.34419	4178.9584	117.176	330.05	466.29	3
21787	C19H38I2	1,10-diiodononadecane	---	10.40632	4211.6543	116.898	330.85	466.07	3
21788	C19H38I2	1,11-diiodononadecane	---	10.46934	4244.8162	116.620	331.65	465.86	3
21789	C19H38I2	1,12-diiodononadecane	---	10.53328	4278.4541	116.342	332.45	465.65	3
21790	C19H38I2	1,13-diiodononadecane	---	10.59815	4312.5785	116.064	333.25	465.44	3
21791	C19H38I2	1,14-diiodononadecane	---	10.66398	4347.2002	115.786	334.05	465.23	3
21792	C19H38I2	1,15-diiodononadecane	---	10.73078	4382.3302	115.508	334.85	465.02	3
21793	C19H38I2	1,16-diiodononadecane	---	10.79858	4417.9799	115.230	335.65	464.81	3
21794	C19H38I2	1,17-diiodononadecane	---	10.86740	4454.1611	114.952	336.45	464.60	3
21795	C19H38I2	1,18-diiodononadecane	---	10.93727	4490.8858	114.674	337.25	464.39	3
21796	C19H38I2	1,19-diiodononadecane	---	11.00820	4528.1664	114.396	338.05	464.18	3
21797	C19H38I2	2,2-diiodononadecane	---	9.35960	3660.0782	122.180	315.65	470.28	3
21798	C19H38I2	2,3-diiodononadecane	---	9.40841	3685.8376	121.902	316.45	470.05	3
21799	C19H38I2	2,4-diiodononadecane	---	9.45784	3711.9211	121.624	317.25	469.82	3
21800	C19H38I2	2,5-diiodononadecane	---	9.50790	3738.3349	121.346	318.05	469.60	3
21801	C19H38I2	2,6-diiodononadecane	---	9.55862	3765.0854	121.068	318.85	469.37	3
21802	C19H38I2	2,7-diiodononadecane	---	9.60999	3792.1791	120.790	319.65	469.14	3
21803	C19H38I2	2,8-diiodononadecane	---	9.66203	3819.6227	120.512	320.45	468.92	3
21804	C19H38I2	2,9-diiodononadecane	---	9.71476	3847.4233	120.234	321.25	468.70	3
21805	C19H38I2	2,10-diiodononadecane	---	9.76819	3875.5879	119.956	322.05	468.47	3
21806	C19H38I2	2,11-diiodononadecane	---	9.82233	3904.1238	119.678	322.85	468.25	3
21807	C19H38I2	2,12-diiodononadecane	---	9.87720	3933.0384	119.400	323.65	468.03	3
21808	C19H38I2	2,13-diiodononadecane	---	9.93281	3962.3394	119.122	324.45	467.81	3
21809	C19H38I2	2,14-diiodononadecane	---	9.98918	3992.0348	118.844	325.25	467.59	3
21810	C19H38I2	2,15-diiodononadecane	---	10.04632	4022.1326	118.566	326.05	467.37	3
21811	C19H38I2	2,16-diiodononadecane	---	10.10425	4052.6412	118.288	326.85	467.15	3
21812	C19H38I2	2,17-diiodononadecane	---	10.16298	4083.5692	118.010	327.65	466.93	3
21813	C19H38I2	2,18-diiodononadecane	---	10.22254	4114.9253	117.732	328.45	466.72	3
21814	C19H38O	nonadecanal	17352-32-8	7.56424	2406.6756	158.764	207.87	390.40	2
21815	C19H38O	2-methyloctadecanal	---	7.50401	2377.2662	159.098	206.41	390.92	2
21816	C19H38O	3-methyloctadecanal	---	7.50401	2377.2662	159.098	206.41	390.92	2
21817	C19H38O	4-methyloctadecanal	---	7.50401	2377.2662	159.098	206.41	390.92	2
21818	C19H38O	5-methyloctadecanal	---	7.50401	2377.2662	159.098	206.41	390.92	2
21819	C19H38O	6-methyloctadecanal	---	7.50401	2377.2662	159.098	206.41	390.92	2
21820	C19H38O	7-methyloctadecanal	---	7.50401	2377.2662	159.098	206.41	390.92	2
21821	C19H38O	8-methyloctadecanal	---	7.50401	2377.2662	159.098	206.41	390.92	2
21822	C19H38O	9-methyloctadecanal	---	7.50401	2377.2662	159.098	206.41	390.92	2
21823	C19H38O	10-methyloctadecanal	---	7.50401	2377.2662	159.098	206.41	390.92	2
21824	C19H38O	11-methyloctadecanal	---	7.50401	2377.2662	159.098	206.41	390.92	2
21825	C19H38O	12-methyloctadecanal	---	7.50401	2377.2662	159.098	206.41	390.92	2
21826	C19H38O	13-methyloctadecanal	---	7.50401	2377.2662	159.098	206.41	390.92	2
21827	C19H38O	14-methyloctadecanal	---	7.50401	2377.2662	159.098	206.41	390.92	2
21828	C19H38O	15-methyloctadecanal	---	7.50401	2377.2662	159.098	206.41	390.92	2
21829	C19H38O	16-methyloctadecanal	---	7.50401	2377.2662	159.098	206.41	390.92	2
21830	C19H38O	17-methyloctadecanal	---	7.50401	2377.2662	159.098	206.41	390.92	2
21831	C19H38O	2,2-dimethylheptadecanal	---	7.44789	2350.6980	159.598	204.97	391.43	2
21832	C19H38O	2,3-dimethylheptadecanal	---	7.44789	2350.6980	159.598	204.97	391.43	2
21833	C19H38O	2,4-dimethylheptadecanal	---	7.44789	2350.6980	159.598	204.97	391.43	2
21834	C19H38O	2,5-dimethylheptadecanal	---	7.44789	2350.6980	159.598	204.97	391.43	2
21835	C19H38O	2,6-dimethylheptadecanal	---	7.44789	2350.6980	159.598	204.97	391.43	2
21836	C19H38O	2,7-dimethylheptadecanal	---	7.44789	2350.6980	159.598	204.97	391.43	2
21837	C19H38O	2,8-dimethylheptadecanal	---	7.44789	2350.6980	159.598	204.97	391.43	2
21838	C19H38O	2,9-dimethylheptadecanal	---	7.44789	2350.6980	159.598	204.97	391.43	2
21839	C19H38O	2,10-dimethylheptadecanal	---	7.44789	2350.6980	159.598	204.97	391.43	2
21840	C19H38O	2,11-dimethylheptadecanal	---	7.44789	2350.6980	159.598	204.97	391.43	2

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mm Hg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
21841	C19H38O	2,12-dimethylheptadecanal	---	7.44789	2350.6980	159.598	204.97	391.43	2
21842	C19H38O	2,13-dimethylheptadecanal	---	7.44789	2350.6980	159.598	204.97	391.43	2
21843	C19H38O	2,14-dimethylheptadecanal	---	7.44789	2350.6980	159.598	204.97	391.43	2
21844	C19H38O	2,15-dimethylheptadecanal	---	7.44789	2350.6980	159.598	204.97	391.43	2
21845	C19H38O	2,16-dimethylheptadecanal	---	7.44789	2350.6980	159.598	204.97	391.43	2
21846	C19H38O	2-nonadecanone	629-66-3	7.28614	2250.3145	160.710	197.27	387.57	2
21847	C19H38O	3-nonadecanone	27372-42-5	7.21047	2215.6336	161.628	195.13	388.34	2
21848	C19H38O	4-nonadecanone	---	7.21047	2215.6336	161.628	195.13	388.34	2
21849	C19H38O	5-nonadecanone	---	7.21047	2215.6336	161.628	195.13	388.34	2
21850	C19H38O	6-nonadecanone	---	7.21047	2215.6336	161.628	195.13	388.34	2
21851	C19H38O	7-nonadecanone	---	7.21047	2215.6336	161.628	195.13	388.34	2
21852	C19H38O	8-nonadecanone	---	7.21047	2215.6336	161.628	195.13	388.34	2
21853	C19H38O	9-nonadecanone	---	7.21047	2215.6336	161.628	195.13	388.34	2
21854	C19H38O	10-nonadecanone	504-57-4	7.21047	2215.6336	161.628	195.13	388.34	2
21855	C19H38O	3-methyl-2-octadecanone	---	7.15369	2188.9511	162.184	193.53	388.93	2
21856	C19H38O	4-methyl-2-octadecanone	---	7.15369	2188.9511	162.184	193.53	388.93	2
21857	C19H38O	5-methyl-2-octadecanone	---	7.15369	2188.9511	162.184	193.53	388.93	2
21858	C19H38O	6-methyl-2-octadecanone	---	7.15369	2188.9511	162.184	193.53	388.93	2
21859	C19H38O	7-methyl-2-octadecanone	---	7.15369	2188.9511	162.184	193.53	388.93	2
21860	C19H38O	8-methyl-2-octadecanone	---	7.15369	2188.9511	162.184	193.53	388.93	2
21861	C19H38O	9-methyl-2-octadecanone	---	7.15369	2188.9511	162.184	193.53	388.93	2
21862	C19H38O	10-methyl-2-octadecanone	---	7.15369	2188.9511	162.184	193.53	388.93	2
21863	C19H38O	2-methyl-3-octadecanone	---	7.15369	2188.9511	162.184	193.53	388.93	2
21864	C19H38O	4-methyl-3-octadecanone	---	7.15369	2188.9511	162.184	193.53	388.93	2
21865	C19H38O	5-methyl-3-octadecanone	---	7.15369	2188.9511	162.184	193.53	388.93	2
21866	C19H38O	6-methyl-3-octadecanone	---	7.15369	2188.9511	162.184	193.53	388.93	2
21867	C19H38O	7-methyl-3-octadecanone	---	7.15369	2188.9511	162.184	193.53	388.93	2
21868	C19H38O	8-methyl-3-octadecanone	---	7.15369	2188.9511	162.184	193.53	388.93	2
21869	C19H38O	9-methyl-3-octadecanone	---	7.15369	2188.9511	162.184	193.53	388.93	2
21870	C19H38O	10-methyl-3-octadecanone	---	7.15369	2188.9511	162.184	193.53	388.93	2
21871	C19H38O	2-methyl-4-octadecanone	---	7.15369	2188.9511	162.184	193.53	388.93	2
21872	C19H38O	3-methyl-4-octadecanone	---	7.15369	2188.9511	162.184	193.53	388.93	2
21873	C19H38O	5-methyl-4-octadecanone	---	7.15369	2188.9511	162.184	193.53	388.93	2
21874	C19H38O	6-methyl-4-octadecanone	---	7.15369	2188.9511	162.184	193.53	388.93	2
21875	C19H38O	7-methyl-4-octadecanone	---	7.15369	2188.9511	162.184	193.53	388.93	2
21876	C19H38O	8-methyl-4-octadecanone	---	7.15369	2188.9511	162.184	193.53	388.93	2
21877	C19H38O	9-methyl-4-octadecanone	---	7.15369	2188.9511	162.184	193.53	388.93	2
21878	C19H38O	10-methyl-4-octadecanone	---	7.15369	2188.9511	162.184	193.53	388.93	2
21879	C19H38O	2-methyl-5-octadecanone	---	7.15369	2188.9511	162.184	193.53	388.93	2
21880	C19H38O	3-methyl-5-octadecanone	---	7.15369	2188.9511	162.184	193.53	388.93	2
21881	C19H38O	4-methyl-5-octadecanone	---	7.15369	2188.9511	162.184	193.53	388.93	2
21882	C19H38O	6-methyl-5-octadecanone	---	7.15369	2188.9511	162.184	193.53	388.93	2
21883	C19H38O	7-methyl-5-octadecanone	---	7.15369	2188.9511	162.184	193.53	388.93	2
21884	C19H38O	8-methyl-5-octadecanone	---	7.15369	2188.9511	162.184	193.53	388.93	2
21885	C19H38O	9-methyl-5-octadecanone	---	7.15369	2188.9511	162.184	193.53	388.93	2
21886	C19H38O	10-methyl-5-octadecanone	---	7.15369	2188.9511	162.184	193.53	388.93	2
21887	C19H38O	2-nonadecen-1-ol	---	7.51621	2504.2867	150.146	234.17	427.63	3
21888	C19H38O2	nonadecanoic acid	646-30-0	8.73579	3064.5267	142.779	253.37	409.00	2
21889	C19H38O2	2-methyloctadecanoic acid	7217-83-6	8.39666	2899.2945	145.003	246.97	410.97	2
21890	C19H38O2	3-methyloctadecanoic acid	---	8.39666	2899.2945	145.003	246.97	410.97	2
21891	C19H38O2	4-methyloctadecanoic acid	---	8.39666	2899.2945	145.003	246.97	410.97	2
21892	C19H38O2	5-methyloctadecanoic acid	---	8.39666	2899.2945	145.003	246.97	410.97	2
21893	C19H38O2	6-methyloctadecanoic acid	---	8.39666	2899.2945	145.003	246.97	410.97	2
21894	C19H38O2	7-methyloctadecanoic acid	---	8.39666	2899.2945	145.003	246.97	410.97	2
21895	C19H38O2	8-methyloctadecanoic acid	---	8.39666	2899.2945	145.003	246.97	410.97	2
21896	C19H38O2	9-methyloctadecanoic acid	---	8.39666	2899.2945	145.003	246.97	410.97	2
21897	C19H38O2	10-methyloctadecanoic acid	86073-38-3	8.39666	2899.2945	145.003	246.97	410.97	2
21898	C19H38O2	11-methyloctadecanoic acid	542-47-2	8.39666	2899.2945	145.003	246.97	410.97	2
21899	C19H38O2	12-methyloctadecanoic acid	---	8.39666	2899.2945	145.003	246.97	410.97	2
21900	C19H38O2	13-methyloctadecanoic acid	---	8.39666	2899.2945	145.003	246.97	410.97	2
21901	C19H38O2	14-methyloctadecanoic acid	94434-64-7	8.39666	2899.2945	145.003	246.97	410.97	2
21902	C19H38O2	15-methyloctadecanoic acid	---	8.39666	2899.2945	145.003	246.97	410.97	2
21903	C19H38O2	16-methyloctadecanoic acid	---	8.39666	2899.2945	145.003	246.97	410.97	2
21904	C19H38O2	17-methyloctadecanoic acid	---	8.39666	2899.2945	145.003	246.97	410.97	2
21905	C19H38O2	2,2-dimethylheptadecanoic acid	2724-59-6	8.39666	2899.2945	145.003	246.97	410.97	2
21906	C19H38O2	2,3-dimethylheptadecanoic acid	---	8.08853	2748.9137	147.227	240.57	413.01	2
21907	C19H38O2	2,4-dimethylheptadecanoic acid	---	8.08853	2748.9137	147.227	240.57	413.01	2
21908	C19H38O2	2,5-dimethylheptadecanoic acid	---	8.08853	2748.9137	147.227	240.57	413.01	2
21909	C19H38O2	2,6-dimethylheptadecanoic acid	---	8.08853	2748.9137	147.227	240.57	413.01	2
21910	C19H38O2	2,7-dimethylheptadecanoic acid	---	8.08853	2748.9137	147.227	240.57	413.01	2
21911	C19H38O2	2,8-dimethylheptadecanoic acid	---	8.08853	2748.9137	147.227	240.57	413.01	2
21912	C19H38O2	2,9-dimethylheptadecanoic acid	---	8.08853	2748.9137	147.227	240.57	413.01	2
21913	C19H38O2	2,10-dimethylheptadecanoic acid	---	8.08853	2748.9137	147.227	240.57	413.01	2
21914	C19H38O2	2,11-dimethylheptadecanoic acid	---	8.08853	2748.9137	147.227	240.57	413.01	2
21915	C19H38O2	2,12-dimethylheptadecanoic acid	---	8.08853	2748.9137	147.227	240.57	413.01	2
21916	C19H38O2	2,13-dimethylheptadecanoic acid	---	8.08853	2748.9137	147.227	240.57	413.01	2
21917	C19H38O2	2,14-dimethylheptadecanoic acid	---	8.08853	2748.9137	147.227	240.57	413.01	2
21918	C19H38O2	2,15-dimethylheptadecanoic acid	---	8.08853	2748.9137	147.227	240.57	413.01	2
21919	C19H38O2	2,16-dimethylheptadecanoic acid	---	8.08853	2748.9137	147.227	240.57	413.01	2
21920	C19H38O2	2,17-dimethylheptadecanoic acid	---	8.08853	2748.9137	147.227	240.57	413.01	2

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C)$ (P - mm Hg, T - C)									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
21921	C19H38O2	2-ethylheptadecanoic acid	69868-08-2	8.23900	2822.3779	146.115	243.77	411.98	2
21922	C19H38O2	3-ethylheptadecanoic acid	---	8.23900	2822.3779	146.115	243.77	411.98	2
21923	C19H38O2	4-ethylheptadecanoic acid	---	8.23900	2822.3779	146.115	243.77	411.98	2
21924	C19H38O2	5-ethylheptadecanoic acid	---	8.23900	2822.3779	146.115	243.77	411.98	2
21925	C19H38O2	6-ethylheptadecanoic acid	---	8.23900	2822.3779	146.115	243.77	411.98	2
21926	C19H38O2	7-ethylheptadecanoic acid	---	8.23900	2822.3779	146.115	243.77	411.98	2
21927	C19H38O2	8-ethylheptadecanoic acid	---	8.23900	2822.3779	146.115	243.77	411.98	2
21928	C19H38O2	9-ethylheptadecanoic acid	---	8.23900	2822.3779	146.115	243.77	411.98	2
21929	C19H38O2	10-ethylheptadecanoic acid	---	8.23900	2822.3779	146.115	243.77	411.98	2
21930	C19H38O2	11-ethylheptadecanoic acid	---	8.23900	2822.3779	146.115	243.77	411.98	2
21931	C19H38O2	12-ethylheptadecanoic acid	---	8.23900	2822.3779	146.115	243.77	411.98	2
21932	C19H38O2	13-ethylheptadecanoic acid	---	8.23900	2822.3779	146.115	243.77	411.98	2
21933	C19H38O2	14-ethylheptadecanoic acid	---	8.23900	2822.3779	146.115	243.77	411.98	2
21934	C19H38O2	15-ethylheptadecanoic acid	---	8.23900	2822.3779	146.115	243.77	411.98	2
21935	C19H38O2	octadecyl formate	5451-75-2	12.36697	4548.5209	139.582	260.57	355.62	2
21936	C19H38O2	heptadecyl acetate	822-20-8	11.29731	4061.3656	142.640	251.77	357.81	2
21937	C19H38O2	hexadecyl propanoate	6221-96-1	9.86616	3402.8093	147.227	236.57	361.85	2
21938	C19H38O2	pentadecyl butanoate	125164-51-4	9.30355	3145.7009	149.868	228.97	363.99	2
21939	C19H38O2	pentadecyl isobutanoate	---	8.78899	2910.1105	152.648	220.97	366.35	2
21940	C19H38O2	tetradecyl pentanoate	---	9.28154	3135.6362	149.980	228.65	364.08	2
21941	C19H38O2	tetradecyl isopentanoate	---	8.76985	2901.3348	152.760	220.65	366.45	2
21942	C19H38O2	tetradecyl sec-pentanoate	---	8.76985	2901.3348	152.760	220.65	366.45	2
21943	C19H38O2	tetradecyl tert-pentanoate	---	8.32249	2696.0628	155.540	212.65	368.92	2
21944	C19H38O2	propyl palmitate	2239-78-3	8.83191	2967.0257	149.868	228.97	375.26	1,2
21945	C19H38O2	isopropyl palmitate	142-91-6	9.20395	3103.6877	150.146	228.17	365.24	1,2
21946	C19H38O2	ethyl heptadecanoate	14010-23-2	9.30355	3145.7009	149.868	228.97	363.99	2
21947	C19H38O2	methyl stearate	112-61-8	8.21038	2629.3334	153.441	211.22	369.44	2
21948	C19H38S	thiacycloicosane	66359-61-3	5.72099	1619.9775	170.410	172.73	467.59	3
21949	C19H39Br	1-bromononadecane	4434-66-6	7.47631	2439.3832	152.092	224.57	415.94	2
21950	C19H39Br	2-bromononadecane	---	7.18905	2298.8753	154.872	216.57	418.81	2
21951	C19H39Br	3-bromononadecane	---	7.18905	2298.8753	154.872	216.57	418.81	2
21952	C19H39Br	4-bromononadecane	---	7.18905	2298.8753	154.872	216.57	418.81	2
21953	C19H39Br	5-bromononadecane	---	7.18905	2298.8753	154.872	216.57	418.81	2
21954	C19H39Br	6-bromononadecane	---	7.18905	2298.8753	154.872	216.57	418.81	2
21955	C19H39Br	7-bromononadecane	---	7.18905	2298.8753	154.872	216.57	418.81	2
21956	C19H39Br	8-bromononadecane	---	7.18905	2298.8753	154.872	216.57	418.81	2
21957	C19H39Br	9-bromononadecane	---	7.18905	2298.8753	154.872	216.57	418.81	2
21958	C19H39Br	10-bromononadecane	---	7.18905	2298.8753	154.872	216.57	418.81	2
21959	C19H39Br	1-bromo-2-methyloctadecane	---	7.18905	2298.8753	154.872	216.57	418.81	2
21960	C19H39Br	1-bromo-3-methyloctadecane	---	7.18905	2298.8753	154.872	216.57	418.81	2
21961	C19H39Br	1-bromo-4-methyloctadecane	---	7.18905	2298.8753	154.872	216.57	418.81	2
21962	C19H39Br	1-bromo-5-methyloctadecane	---	7.18905	2298.8753	154.872	216.57	418.81	2
21963	C19H39Br	1-bromo-6-methyloctadecane	---	7.18905	2298.8753	154.872	216.57	418.81	2
21964	C19H39Br	1-bromo-7-methyloctadecane	---	7.18905	2298.8753	154.872	216.57	418.81	2
21965	C19H39Br	1-bromo-8-methyloctadecane	---	7.18905	2298.8753	154.872	216.57	418.81	2
21966	C19H39Br	1-bromo-9-methyloctadecane	---	7.18905	2298.8753	154.872	216.57	418.81	2
21967	C19H39Br	1-bromo-10-methyloctadecane	---	7.18905	2298.8753	154.872	216.57	418.81	2
21968	C19H39Br	1-bromo-11-methyloctadecane	---	7.18905	2298.8753	154.872	216.57	418.81	2
21969	C19H39Br	1-bromo-12-methyloctadecane	---	7.18905	2298.8753	154.872	216.57	418.81	2
21970	C19H39Br	1-bromo-13-methyloctadecane	---	7.18905	2298.8753	154.872	216.57	418.81	2
21971	C19H39Br	1-bromo-14-methyloctadecane	---	7.18905	2298.8753	154.872	216.57	418.81	2
21972	C19H39Br	1-bromo-15-methyloctadecane	---	7.18905	2298.8753	154.872	216.57	418.81	2
21973	C19H39Br	1-bromo-16-methyloctadecane	---	7.18905	2298.8753	154.872	216.57	418.81	2
21974	C19H39Br	1-bromo-17-methyloctadecane	---	7.18905	2298.8753	154.872	216.57	418.81	2
21975	C19H39Br	2-bromo-2-methyloctadecane	---	6.92880	2171.2587	157.652	208.57	421.82	2
21976	C19H39Br	2-bromo-3-methyloctadecane	---	6.92880	2171.2587	157.652	208.57	421.82	2
21977	C19H39Br	2-bromo-4-methyloctadecane	---	6.92880	2171.2587	157.652	208.57	421.82	2
21978	C19H39Br	2-bromo-5-methyloctadecane	---	6.92880	2171.2587	157.652	208.57	421.82	2
21979	C19H39Br	2-bromo-6-methyloctadecane	---	6.92880	2171.2587	157.652	208.57	421.82	2
21980	C19H39Br	2-bromo-7-methyloctadecane	---	6.92880	2171.2587	157.652	208.57	421.82	2
21981	C19H39Br	2-bromo-8-methyloctadecane	---	6.92880	2171.2587	157.652	208.57	421.82	2
21982	C19H39Br	2-bromo-9-methyloctadecane	---	6.92880	2171.2587	157.652	208.57	421.82	2
21983	C19H39Br	2-bromo-10-methyloctadecane	---	6.92880	2171.2587	157.652	208.57	421.82	2
21984	C19H39Br	2-bromo-11-methyloctadecane	---	6.92880	2171.2587	157.652	208.57	421.82	2
21985	C19H39Br	2-bromo-12-methyloctadecane	---	6.92880	2171.2587	157.652	208.57	421.82	2
21986	C19H39Br	2-bromo-13-methyloctadecane	---	6.92880	2171.2587	157.652	208.57	421.82	2
21987	C19H39Br	2-bromo-14-methyloctadecane	---	6.92880	2171.2587	157.652	208.57	421.82	2
21988	C19H39Br	2-bromo-15-methyloctadecane	---	6.92880	2171.2587	157.652	208.57	421.82	2
21989	C19H39Br	2-bromo-16-methyloctadecane	---	6.92880	2171.2587	157.652	208.57	421.82	2
21990	C19H39Br	2-bromo-17-methyloctadecane	---	6.92880	2171.2587	157.652	208.57	421.82	2
21991	C19H39Br	3-bromo-2-methyloctadecane	---	6.92880	2171.2587	157.652	208.57	421.82	2
21992	C19H39Br	3-bromo-3-methyloctadecane	---	6.92880	2171.2587	157.652	208.57	421.82	2
21993	C19H39Br	3-bromo-4-methyloctadecane	---	6.92880	2171.2587	157.652	208.57	421.82	2
21994	C19H39Br	3-bromo-5-methyloctadecane	---	6.92880	2171.2587	157.652	208.57	421.82	2
21995	C19H39Br	3-bromo-6-methyloctadecane	---	6.92880	2171.2587	157.652	208.57	421.82	2
21996	C19H39Br	3-bromo-7-methyloctadecane	---	6.92880	2171.2587	157.652	208.57	421.82	2
21997	C19H39Br	3-bromo-8-methyloctadecane	---	6.92880	2171.2587	157.652	208.57	421.82	2
21998	C19H39Br	3-bromo-9-methyloctadecane	---	6.92880	2171.2587	157.652	208.57	421.82	2
21999	C19H39Br	3-bromo-10-methyloctadecane	---	6.92880	2171.2587	157.652	208.57	421.82	2
22000	C19H39Br	3-bromo-11-methyloctadecane	---	6.92880	2171.2587	157.652	208.57	421.82	2

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mm Hg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
22001	C19H39Br	3-bromo-12-methyloctadecane	---	6.92880	2171.2587	157.652	208.57	421.82	2
22002	C19H39Br	3-bromo-13-methyloctadecane	---	6.92880	2171.2587	157.652	208.57	421.82	2
22003	C19H39Br	3-bromo-14-methyloctadecane	---	6.92880	2171.2587	157.652	208.57	421.82	2
22004	C19H39Br	3-bromo-15-methyloctadecane	---	6.92880	2171.2587	157.652	208.57	421.82	2
22005	C19H39Br	3-bromo-16-methyloctadecane	---	6.92880	2171.2587	157.652	208.57	421.82	2
22006	C19H39Br	3-bromo-17-methyloctadecane	---	6.92880	2171.2587	157.652	208.57	421.82	2
22007	C19H39Cl	1-chlorononadecane	62016-76-6	6.86878	2182.7201	155.150	216.77	436.86	2
22008	C19H39Cl	2-chlorononadecane	---	6.61071	2051.8384	157.930	207.77	440.47	2
22009	C19H39Cl	3-chlorononadecane	---	6.61071	2051.8384	157.930	207.77	440.47	2
22010	C19H39Cl	4-chlorononadecane	---	6.61071	2051.8384	157.930	207.77	440.47	2
22011	C19H39Cl	5-chlorononadecane	---	6.61071	2051.8384	157.930	207.77	440.47	2
22012	C19H39Cl	6-chlorononadecane	---	6.61071	2051.8384	157.930	207.77	440.47	2
22013	C19H39Cl	7-chlorononadecane	---	6.61071	2051.8384	157.930	207.77	440.47	2
22014	C19H39Cl	8-chlorononadecane	---	6.61071	2051.8384	157.930	207.77	440.47	2
22015	C19H39Cl	9-chlorononadecane	---	6.61071	2051.8384	157.930	207.77	440.47	2
22016	C19H39Cl	10-chlorononadecane	---	6.61071	2051.8384	157.930	207.77	440.47	2
22017	C19H39Cl	1-chloro-2-methyloctadecane	---	6.61071	2051.8384	157.930	207.77	440.47	2
22018	C19H39Cl	1-chloro-3-methyloctadecane	---	6.61071	2051.8384	157.930	207.77	440.47	2
22019	C19H39Cl	1-chloro-4-methyloctadecane	---	6.61071	2051.8384	157.930	207.77	440.47	2
22020	C19H39Cl	1-chloro-5-methyloctadecane	---	6.61071	2051.8384	157.930	207.77	440.47	2
22021	C19H39Cl	1-chloro-6-methyloctadecane	---	6.61071	2051.8384	157.930	207.77	440.47	2
22022	C19H39Cl	1-chloro-7-methyloctadecane	---	6.61071	2051.8384	157.930	207.77	440.47	2
22023	C19H39Cl	1-chloro-8-methyloctadecane	---	6.61071	2051.8384	157.930	207.77	440.47	2
22024	C19H39Cl	1-chloro-9-methyloctadecane	---	6.61071	2051.8384	157.930	207.77	440.47	2
22025	C19H39Cl	1-chloro-10-methyloctadecane	---	6.61071	2051.8384	157.930	207.77	440.47	2
22026	C19H39Cl	1-chloro-11-methyloctadecane	---	6.61071	2051.8384	157.930	207.77	440.47	2
22027	C19H39Cl	1-chloro-12-methyloctadecane	---	6.61071	2051.8384	157.930	207.77	440.47	2
22028	C19H39Cl	1-chloro-13-methyloctadecane	---	6.61071	2051.8384	157.930	207.77	440.47	2
22029	C19H39Cl	1-chloro-14-methyloctadecane	---	6.61071	2051.8384	157.930	207.77	440.47	2
22030	C19H39Cl	1-chloro-15-methyloctadecane	---	6.61071	2051.8384	157.930	207.77	440.47	2
22031	C19H39Cl	1-chloro-16-methyloctadecane	---	6.61071	2051.8384	157.930	207.77	440.47	2
22032	C19H39Cl	1-chloro-17-methyloctadecane	---	6.61071	2051.8384	157.930	207.77	440.47	2
22033	C19H39Cl	2-chloro-2-methyloctadecane	---	6.40460	1948.2514	160.710	199.77	443.82	2
22034	C19H39Cl	2-chloro-3-methyloctadecane	---	6.40460	1948.2514	160.710	199.77	443.82	2
22035	C19H39Cl	2-chloro-4-methyloctadecane	---	6.40460	1948.2514	160.710	199.77	443.82	2
22036	C19H39Cl	2-chloro-5-methyloctadecane	---	6.40460	1948.2514	160.710	199.77	443.82	2
22037	C19H39Cl	2-chloro-6-methyloctadecane	---	6.40460	1948.2514	160.710	199.77	443.82	2
22038	C19H39Cl	2-chloro-7-methyloctadecane	---	6.40460	1948.2514	160.710	199.77	443.82	2
22039	C19H39Cl	2-chloro-8-methyloctadecane	---	6.40460	1948.2514	160.710	199.77	443.82	2
22040	C19H39Cl	2-chloro-9-methyloctadecane	---	6.40460	1948.2514	160.710	199.77	443.82	2
22041	C19H39Cl	2-chloro-10-methyloctadecane	---	6.40460	1948.2514	160.710	199.77	443.82	2
22042	C19H39Cl	2-chloro-11-methyloctadecane	---	6.40460	1948.2514	160.710	199.77	443.82	2
22043	C19H39Cl	2-chloro-12-methyloctadecane	---	6.40460	1948.2514	160.710	199.77	443.82	2
22044	C19H39Cl	2-chloro-13-methyloctadecane	---	6.40460	1948.2514	160.710	199.77	443.82	2
22045	C19H39Cl	2-chloro-14-methyloctadecane	---	6.40460	1948.2514	160.710	199.77	443.82	2
22046	C19H39Cl	2-chloro-15-methyloctadecane	---	6.40460	1948.2514	160.710	199.77	443.82	2
22047	C19H39Cl	2-chloro-16-methyloctadecane	---	6.40460	1948.2514	160.710	199.77	443.82	2
22048	C19H39Cl	2-chloro-17-methyloctadecane	---	6.40460	1948.2514	160.710	199.77	443.82	2
22049	C19H39Cl	3-chloro-2-methyloctadecane	---	6.40460	1948.2514	160.710	199.77	443.82	2
22050	C19H39Cl	3-chloro-3-methyloctadecane	---	6.40460	1948.2514	160.710	199.77	443.82	2
22051	C19H39Cl	3-chloro-4-methyloctadecane	---	6.40460	1948.2514	160.710	199.77	443.82	2
22052	C19H39Cl	3-chloro-5-methyloctadecane	---	6.40460	1948.2514	160.710	199.77	443.82	2
22053	C19H39Cl	3-chloro-6-methyloctadecane	---	6.40460	1948.2514	160.710	199.77	443.82	2
22054	C19H39Cl	3-chloro-7-methyloctadecane	---	6.40460	1948.2514	160.710	199.77	443.82	2
22055	C19H39Cl	3-chloro-8-methyloctadecane	---	6.40460	1948.2514	160.710	199.77	443.82	2
22056	C19H39Cl	3-chloro-9-methyloctadecane	---	6.40460	1948.2514	160.710	199.77	443.82	2
22057	C19H39Cl	3-chloro-10-methyloctadecane	---	6.40460	1948.2514	160.710	199.77	443.82	2
22058	C19H39Cl	3-chloro-11-methyloctadecane	---	6.40460	1948.2514	160.710	199.77	443.82	2
22059	C19H39Cl	3-chloro-12-methyloctadecane	---	6.40460	1948.2514	160.710	199.77	443.82	2
22060	C19H39Cl	3-chloro-13-methyloctadecane	---	6.40460	1948.2514	160.710	199.77	443.82	2
22061	C19H39Cl	3-chloro-14-methyloctadecane	---	6.40460	1948.2514	160.710	199.77	443.82	2
22062	C19H39Cl	3-chloro-15-methyloctadecane	---	6.40460	1948.2514	160.710	199.77	443.82	2
22063	C19H39Cl	3-chloro-16-methyloctadecane	---	6.40460	1948.2514	160.710	199.77	443.82	2
22064	C19H39Cl	3-chloro-17-methyloctadecane	---	6.40460	1948.2514	160.710	199.77	443.82	2
22065	C19H39F	1-fluorononadecane	1480-63-3	6.32447	1853.8313	164.602	183.57	425.30	3
22066	C19H39F	1-fluorononadecane	---	6.17238	1779.2802	166.826	177.17	428.14	3
22067	C19H39F	2-fluorononadecane	---	6.17238	1779.2802	166.826	177.17	428.14	3
22068	C19H39F	3-fluorononadecane	---	6.17238	1779.2802	166.826	177.17	428.14	3
22069	C19H39F	4-fluorononadecane	---	6.17238	1779.2802	166.826	177.17	428.14	3
22070	C19H39F	5-fluorononadecane	---	6.17238	1779.2802	166.826	177.17	428.14	3
22071	C19H39F	6-fluorononadecane	---	6.17238	1779.2802	166.826	177.17	428.14	3
22072	C19H39F	7-fluorononadecane	---	6.17238	1779.2802	166.826	177.17	428.14	3
22073	C19H39F	8-fluorononadecane	---	6.17238	1779.2802	166.826	177.17	428.14	3
22074	C19H39F	9-fluorononadecane	---	6.17238	1779.2802	166.826	177.17	428.14	3
22075	C19H39F	10-fluorononadecane	---	6.17238	1779.2802	166.826	177.17	428.14	3
22076	C19H39F	1-fluoro-2-methyloctadecane	---	6.17238	1779.2802	166.826	177.17	428.14	3
22077	C19H39F	1-fluoro-3-methyloctadecane	---	6.17238	1779.2802	166.826	177.17	428.14	3
22078	C19H39F	1-fluoro-4-methyloctadecane	---	6.17238	1779.2802	166.826	177.17	428.14	3
22079	C19H39F	1-fluoro-5-methyloctadecane	---	6.17238	1779.2802	166.826	177.17	428.14	3
22080	C19H39F	1-fluoro-6-methyloctadecane	---	6.17238	1779.2802	166.826	177.17	428.14	3

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mm Hg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
22081	C19H39F	1-fluoro-7-methyloctadecane	---	6.17238	1779.2802	166.826	177.17	428.14	3
22082	C19H39F	1-fluoro-8-methyloctadecane	---	6.17238	1779.2802	166.826	177.17	428.14	3
22083	C19H39F	1-fluoro-9-methyloctadecane	---	6.17238	1779.2802	166.826	177.17	428.14	3
22084	C19H39F	1-fluoro-10-methyloctadecane	---	6.17238	1779.2802	166.826	177.17	428.14	3
22085	C19H39F	1-fluoro-11-methyloctadecane	---	6.17238	1779.2802	166.826	177.17	428.14	3
22086	C19H39F	1-fluoro-12-methyloctadecane	---	6.17238	1779.2802	166.826	177.17	428.14	3
22087	C19H39F	1-fluoro-13-methyloctadecane	---	6.17238	1779.2802	166.826	177.17	428.14	3
22088	C19H39F	1-fluoro-14-methyloctadecane	---	6.17238	1779.2802	166.826	177.17	428.14	3
22089	C19H39F	1-fluoro-15-methyloctadecane	---	6.17238	1779.2802	166.826	177.17	428.14	3
22090	C19H39F	1-fluoro-16-methyloctadecane	---	6.17238	1779.2802	166.826	177.17	428.14	3
22091	C19H39F	1-fluoro-17-methyloctadecane	---	6.17238	1779.2802	166.826	177.17	428.14	3
22092	C19H39F	2-fluoro-2-methyloctadecane	---	6.02989	1709.2586	169.050	170.77	431.10	3
22093	C19H39F	2-fluoro-3-methyloctadecane	---	6.02989	1709.2586	169.050	170.77	431.10	3
22094	C19H39F	2-fluoro-4-methyloctadecane	---	6.02989	1709.2586	169.050	170.77	431.10	3
22095	C19H39F	2-fluoro-5-methyloctadecane	---	6.02989	1709.2586	169.050	170.77	431.10	3
22096	C19H39F	2-fluoro-6-methyloctadecane	---	6.02989	1709.2586	169.050	170.77	431.10	3
22097	C19H39F	2-fluoro-7-methyloctadecane	---	6.02989	1709.2586	169.050	170.77	431.10	3
22098	C19H39F	2-fluoro-8-methyloctadecane	---	6.02989	1709.2586	169.050	170.77	431.10	3
22099	C19H39F	2-fluoro-9-methyloctadecane	---	6.02989	1709.2586	169.050	170.77	431.10	3
22100	C19H39F	2-fluoro-10-methyloctadecane	---	6.02989	1709.2586	169.050	170.77	431.10	3
22101	C19H39F	2-fluoro-11-methyloctadecane	---	6.02989	1709.2586	169.050	170.77	431.10	3
22102	C19H39F	2-fluoro-12-methyloctadecane	---	6.02989	1709.2586	169.050	170.77	431.10	3
22103	C19H39F	2-fluoro-13-methyloctadecane	---	6.02989	1709.2586	169.050	170.77	431.10	3
22104	C19H39F	2-fluoro-14-methyloctadecane	---	6.02989	1709.2586	169.050	170.77	431.10	3
22105	C19H39F	2-fluoro-15-methyloctadecane	---	6.02989	1709.2586	169.050	170.77	431.10	3
22106	C19H39F	2-fluoro-16-methyloctadecane	---	6.02989	1709.2586	169.050	170.77	431.10	3
22107	C19H39F	2-fluoro-17-methyloctadecane	---	6.02989	1709.2586	169.050	170.77	431.10	3
22108	C19H39F	3-fluoro-2-methyloctadecane	---	6.02989	1709.2586	169.050	170.77	431.10	3
22109	C19H39F	3-fluoro-3-methyloctadecane	---	6.02989	1709.2586	169.050	170.77	431.10	3
22110	C19H39F	3-fluoro-4-methyloctadecane	---	6.02989	1709.2586	169.050	170.77	431.10	3
22111	C19H39F	3-fluoro-5-methyloctadecane	---	6.02989	1709.2586	169.050	170.77	431.10	3
22112	C19H39F	3-fluoro-6-methyloctadecane	---	6.02989	1709.2586	169.050	170.77	431.10	3
22113	C19H39F	3-fluoro-7-methyloctadecane	---	6.02989	1709.2586	169.050	170.77	431.10	3
22114	C19H39F	3-fluoro-8-methyloctadecane	---	6.02989	1709.2586	169.050	170.77	431.10	3
22115	C19H39F	3-fluoro-9-methyloctadecane	---	6.02989	1709.2586	169.050	170.77	431.10	3
22116	C19H39F	3-fluoro-10-methyloctadecane	---	6.02989	1709.2586	169.050	170.77	431.10	3
22117	C19H39F	3-fluoro-11-methyloctadecane	---	6.02989	1709.2586	169.050	170.77	431.10	3
22118	C19H39F	3-fluoro-12-methyloctadecane	---	6.02989	1709.2586	169.050	170.77	431.10	3
22119	C19H39F	3-fluoro-13-methyloctadecane	---	6.02989	1709.2586	169.050	170.77	431.10	3
22120	C19H39F	3-fluoro-14-methyloctadecane	---	6.02989	1709.2586	169.050	170.77	431.10	3
22121	C19H39F	3-fluoro-15-methyloctadecane	---	6.02989	1709.2586	169.050	170.77	431.10	3
22122	C19H39F	3-fluoro-16-methyloctadecane	---	6.02989	1709.2586	169.050	170.77	431.10	3
22123	C19H39F	3-fluoro-17-methyloctadecane	---	6.02989	1709.2586	169.050	170.77	431.10	3
22124	C19H39I	1-iodononadecane	62127-51-9	7.94009	2655.4471	146.254	236.37	411.82	3
22125	C19H39I	1-iodononadecane	---	7.60535	2492.8880	149.034	228.37	414.52	3
22126	C19H39I	2-iodononadecane	---	7.60535	2492.8880	149.034	228.37	414.52	3
22127	C19H39I	3-iodononadecane	---	7.60535	2492.8880	149.034	228.37	414.52	3
22128	C19H39I	4-iodononadecane	---	7.60535	2492.8880	149.034	228.37	414.52	3
22129	C19H39I	5-iodononadecane	---	7.60535	2492.8880	149.034	228.37	414.52	3
22130	C19H39I	6-iodononadecane	---	7.60535	2492.8880	149.034	228.37	414.52	3
22131	C19H39I	7-iodononadecane	---	7.60535	2492.8880	149.034	228.37	414.52	3
22132	C19H39I	8-iodononadecane	---	7.60535	2492.8880	149.034	228.37	414.52	3
22133	C19H39I	9-iodononadecane	---	7.60535	2492.8880	149.034	228.37	414.52	3
22134	C19H39I	10-iodononadecane	---	7.60535	2492.8880	149.034	228.37	414.52	3
22135	C19H39I	1-iodo-2-methyloctadecane	---	7.60535	2492.8880	149.034	228.37	414.52	3
22136	C19H39I	1-iodo-3-methyloctadecane	---	7.60535	2492.8880	149.034	228.37	414.52	3
22137	C19H39I	1-iodo-4-methyloctadecane	---	7.60535	2492.8880	149.034	228.37	414.52	3
22138	C19H39I	1-iodo-5-methyloctadecane	---	7.60535	2492.8880	149.034	228.37	414.52	3
22139	C19H39I	1-iodo-6-methyloctadecane	---	7.60535	2492.8880	149.034	228.37	414.52	3
22140	C19H39I	1-iodo-7-methyloctadecane	---	7.60535	2492.8880	149.034	228.37	414.52	3
22141	C19H39I	1-iodo-8-methyloctadecane	---	7.60535	2492.8880	149.034	228.37	414.52	3
22142	C19H39I	1-iodo-9-methyloctadecane	---	7.60535	2492.8880	149.034	228.37	414.52	3
22143	C19H39I	1-iodo-10-methyloctadecane	---	7.60535	2492.8880	149.034	228.37	414.52	3
22144	C19H39I	1-iodo-11-methyloctadecane	---	7.60535	2492.8880	149.034	228.37	414.52	3
22145	C19H39I	1-iodo-12-methyloctadecane	---	7.60535	2492.8880	149.034	228.37	414.52	3
22146	C19H39I	1-iodo-13-methyloctadecane	---	7.60535	2492.8880	149.034	228.37	414.52	3
22147	C19H39I	1-iodo-14-methyloctadecane	---	7.60535	2492.8880	149.034	228.37	414.52	3
22148	C19H39I	1-iodo-15-methyloctadecane	---	7.60535	2492.8880	149.034	228.37	414.52	3
22149	C19H39I	1-iodo-16-methyloctadecane	---	7.60535	2492.8880	149.034	228.37	414.52	3
22150	C19H39I	1-iodo-17-methyloctadecane	---	7.60535	2492.8880	149.034	228.37	414.52	3
22151	C19H39I	2-iodo-2-methyloctadecane	---	7.30446	2346.4203	151.814	220.37	417.34	3
22152	C19H39I	2-iodo-3-methyloctadecane	---	7.30446	2346.4203	151.814	220.37	417.34	3
22153	C19H39I	2-iodo-4-methyloctadecane	---	7.30446	2346.4203	151.814	220.37	417.34	3
22154	C19H39I	2-iodo-5-methyloctadecane	---	7.30446	2346.4203	151.814	220.37	417.34	3
22155	C19H39I	2-iodo-6-methyloctadecane	---	7.30446	2346.4203	151.814	220.37	417.34	3
22156	C19H39I	2-iodo-7-methyloctadecane	---	7.30446	2346.4203	151.814	220.37	417.34	3
22157	C19H39I	2-iodo-8-methyloctadecane	---	7.30446	2346.4203	151.814	220.37	417.34	3
22158	C19H39I	2-iodo-9-methyloctadecane	---	7.30446	2346.4203	151.814	220.37	417.34	3
22159	C19H39I	2-iodo-10-methyloctadecane	---	7.30446	2346.4203	151.814	220.37	417.34	3
22160	C19H39I	2-iodo-11-methyloctadecane	---	7.30446	2346.4203	151.814	220.37	417.34	3

Table 1 Vapor Pressure – Organic Compounds

log ₁₀ P = A - B/(T + C) (P - mm Hg, T - C)									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
22161	C19H39I	2-iodo-12-methyloctadecane	---	7.30446	2346.4203	151.814	220.37	417.34	3
22162	C19H39I	2-iodo-13-methyloctadecane	---	7.30446	2346.4203	151.814	220.37	417.34	3
22163	C19H39I	2-iodo-14-methyloctadecane	---	7.30446	2346.4203	151.814	220.37	417.34	3
22164	C19H39I	2-iodo-15-methyloctadecane	---	7.30446	2346.4203	151.814	220.37	417.34	3
22165	C19H39I	2-iodo-16-methyloctadecane	---	7.30446	2346.4203	151.814	220.37	417.34	3
22166	C19H39I	2-iodo-17-methyloctadecane	---	7.30446	2346.4203	151.814	220.37	417.34	3
22167	C19H39I	3-iodo-2-methyloctadecane	---	7.30446	2346.4203	151.814	220.37	417.34	3
22168	C19H39I	3-iodo-3-methyloctadecane	---	7.30446	2346.4203	151.814	220.37	417.34	3
22169	C19H39I	3-iodo-4-methyloctadecane	---	7.30446	2346.4203	151.814	220.37	417.34	3
22170	C19H39I	3-iodo-5-methyloctadecane	---	7.30446	2346.4203	151.814	220.37	417.34	3
22171	C19H39I	3-iodo-6-methyloctadecane	---	7.30446	2346.4203	151.814	220.37	417.34	3
22172	C19H39I	3-iodo-7-methyloctadecane	---	7.30446	2346.4203	151.814	220.37	417.34	3
22173	C19H39I	3-iodo-8-methyloctadecane	---	7.30446	2346.4203	151.814	220.37	417.34	3
22174	C19H39I	3-iodo-9-methyloctadecane	---	7.30446	2346.4203	151.814	220.37	417.34	3
22175	C19H39I	3-iodo-10-methyloctadecane	---	7.30446	2346.4203	151.814	220.37	417.34	3
22176	C19H39I	3-iodo-11-methyloctadecane	---	7.30446	2346.4203	151.814	220.37	417.34	3
22177	C19H39I	3-iodo-12-methyloctadecane	---	7.30446	2346.4203	151.814	220.37	417.34	3
22178	C19H39I	3-iodo-13-methyloctadecane	---	7.30446	2346.4203	151.814	220.37	417.34	3
22179	C19H39I	3-iodo-14-methyloctadecane	---	7.30446	2346.4203	151.814	220.37	417.34	3
22180	C19H39I	3-iodo-15-methyloctadecane	---	7.30446	2346.4203	151.814	220.37	417.34	3
22181	C19H39I	3-iodo-16-methyloctadecane	---	7.30446	2346.4203	151.814	220.37	417.34	3
22182	C19H39I	3-iodo-17-methyloctadecane	---	7.30446	2346.4203	151.814	220.37	417.34	3
22183	C19H39NO2	1-nitrononadecane	66359-36-2	6.95816	2254.3294	149.590	228.77	447.38	3
22184	C19H40	7-hexyltridecane	7225-66-3	7.93106	2411.6255	167.386	180.56	340.41	2
22185	C19H40	2,6,10,14-tetramethylpentadecane	1921-70-6	7.48105	2161.0824	173.776	159.67	328.89	1,2
22186	C19H40	nonadecane	629-92-5	7.28977	2173.5162	163.227	182.34	365.88	1,2
22187	C19H40	2-methyloctadecane	1560-88-9	7.04321	1929.6888	137.600	181.71	362.14	1,2
22188	C19H40	3-methyloctadecane	6561-44-0	7.04474	1934.5602	137.600	182.44	363.21	1,2
22189	C19H40	4-methyloctadecane	10544-95-3	8.44669	3310.8800	272.260	172.35	356.61	1,2
22190	C19H40	5-methyloctadecane	25117-35-5	8.50577	3362.4130	275.187	172.79	356.38	1,2
22191	C19H40	2,2-dimethylheptadecane	53594-82-4	6.96397	1864.3698	137.600	175.01	355.34	1,2
22192	C19H40	2,3-dimethylheptadecane	61868-03-9	7.01361	1920.0980	137.600	181.69	363.50	1,2
22193	C19H40	2,4-dimethylheptadecane	61868-09-5	6.98404	1828.3976	137.600	167.95	343.28	1,2
22194	C19H40	2,4,6-trimethylhexadecane	102013-94-5	9.05898	3506.4930	272.506	162.60	324.13	1,2
22195	C19H40O	1-nonadecanol	1454-84-8	8.01863	2637.2798	156.304	219.45	388.95	2
22196	C19H40O	2-nonadecanol	26533-36-8	7.66879	2471.0147	159.084	211.45	391.63	2
22197	C19H40O	3-nonadecanol	---	7.53781	2408.6596	160.210	208.21	392.75	2
22198	C19H40O	4-nonadecanol	---	7.53781	2408.6596	160.210	208.21	392.75	2
22199	C19H40O	5-nonadecanol	---	7.53781	2408.6596	160.210	208.21	392.75	2
22200	C19H40O	6-nonadecanol	---	7.53781	2408.6596	160.210	208.21	392.75	2
22201	C19H40O	7-nonadecanol	---	7.53781	2408.6596	160.210	208.21	392.75	2
22202	C19H40O	8-nonadecanol	---	7.53781	2408.6596	160.210	208.21	392.75	2
22203	C19H40O	9-nonadecanol	---	7.53781	2408.6596	160.210	208.21	392.75	2
22204	C19H40O	10-nonadecanol	16840-84-9	7.53781	2408.6596	160.210	208.21	392.75	2
22205	C19H40O	1-methoxy-octadecane	---	8.09218	2545.8559	161.517	197.45	356.95	3
22206	C19H40O	2-methoxy-octadecane	---	7.63939	2340.8624	164.922	187.65	360.22	3
22207	C19H40O	3-methoxy-octadecane	---	7.63939	2340.8624	164.922	187.65	360.22	3
22208	C19H40O	4-methoxy-octadecane	---	7.63939	2340.8624	164.922	187.65	360.22	3
22209	C19H40O	5-methoxy-octadecane	---	7.63939	2340.8624	164.922	187.65	360.22	3
22210	C19H40O	6-methoxy-octadecane	---	7.63939	2340.8624	164.922	187.65	360.22	3
22211	C19H40O	7-methoxy-octadecane	---	7.63939	2340.8624	164.922	187.65	360.22	3
22212	C19H40O	8-methoxy-octadecane	---	7.63939	2340.8624	164.922	187.65	360.22	3
22213	C19H40O	9-methoxy-octadecane	---	7.63939	2340.8624	164.922	187.65	360.22	3
22214	C19H40O	1-ethoxy-heptadecane	---	7.75319	2392.4434	164.019	190.25	359.34	3
22215	C19H40O	2-ethoxy-heptadecane	---	7.57985	2313.8603	165.409	186.25	360.71	3
22216	C19H40O	3-ethoxy-heptadecane	---	7.57985	2313.8603	165.409	186.25	360.71	3
22217	C19H40O	4-ethoxy-heptadecane	---	7.57985	2313.8603	165.409	186.25	360.71	3
22218	C19H40O	5-ethoxy-heptadecane	---	7.57985	2313.8603	165.409	186.25	360.71	3
22219	C19H40O	6-ethoxy-heptadecane	---	7.57985	2313.8603	165.409	186.25	360.71	3
22220	C19H40O	7-ethoxy-heptadecane	---	7.57985	2313.8603	165.409	186.25	360.71	3
22221	C19H40O	8-ethoxy-heptadecane	---	7.57985	2313.8603	165.409	186.25	360.71	3
22222	C19H40O	9-ethoxy-heptadecane	---	7.57985	2313.8603	165.409	186.25	360.71	3
22223	C19H40O	1-propoxy-hexadecane	---	7.74251	2387.6018	164.102	190.01	359.42	3
22224	C19H40O	2-propoxy-hexadecane	---	7.56976	2309.2840	165.492	186.01	360.79	3
22225	C19H40O	3-propoxy-hexadecane	---	7.56976	2309.2840	165.492	186.01	360.79	3
22226	C19H40O	4-propoxy-hexadecane	---	7.56976	2309.2840	165.492	186.01	360.79	3
22227	C19H40O	5-propoxy-hexadecane	---	7.56976	2309.2840	165.492	186.01	360.79	3
22228	C19H40O	6-propoxy-hexadecane	---	7.56976	2309.2840	165.492	186.01	360.79	3
22229	C19H40O	7-propoxy-hexadecane	---	7.56976	2309.2840	165.492	186.01	360.79	3
22230	C19H40O	8-propoxy-hexadecane	---	7.56976	2309.2840	165.492	186.01	360.79	3
22231	C19H40O	1-isopropoxy-hexadecane	---	7.26717	2171.8438	168.133	178.41	363.49	3
22232	C19H40O	2-isopropoxy-hexadecane	---	7.12002	2104.8761	169.523	174.41	364.96	3
22233	C19H40O	3-isopropoxy-hexadecane	---	7.12002	2104.8761	169.523	174.41	364.96	3
22234	C19H40O	4-isopropoxy-hexadecane	---	7.12002	2104.8761	169.523	174.41	364.96	3
22235	C19H40O	5-isopropoxy-hexadecane	---	7.12002	2104.8761	169.523	174.41	364.96	3
22236	C19H40O	6-isopropoxy-hexadecane	---	7.12002	2104.8761	169.523	174.41	364.96	3
22237	C19H40O	7-isopropoxy-hexadecane	---	7.12002	2104.8761	169.523	174.41	364.96	3
22238	C19H40O	8-isopropoxy-hexadecane	---	7.12002	2104.8761	169.523	174.41	364.96	3
22239	C19H40O2	1,2-nonadecanediol	39516-65-9	13.23414	4898.1376	143.196	257.17	344.07	3
22240	C19H40O2	1,3-nonadecanediol	66359-38-4	14.82817	5615.7346	140.138	265.97	342.05	3

Table 1 Vapor Pressure – Organic Compounds

NO	FORMULA	NAME	$\log_{10} P = A - B/(T + C) \quad (P - \text{mm Hg}, T - ^\circ\text{C})$						
			CAS No	A	B	C	TMIN	TMAX	code
22241	C19H40O2	1,19-nonanecanediol	---	16.29375	6274.7866	137.914	272.37	340.64	3
22242	C19H40S	1-nonadecanethiol	62155-07-1	7.64601	2499.0552	152.646	223.38	407.16	2
22243	C19H40S	2-nonadecanethiol		7.45797	2408.0892	154.316	218.57	408.83	2
22244	C19H40S	3-nonadecanethiol	---	7.42613	2391.9668	154.455	217.77	409.12	2
22245	C19H40S	4-nonadecanethiol	---	7.41117	2384.7278	154.594	217.37	409.26	2
22246	C19H40S	5-nonadecanethiol	---	7.39630	2377.5253	154.733	216.97	409.40	2
22247	C19H40S	6-nonadecanethiol	---	7.38150	2370.3591	154.872	216.57	409.55	2
22248	C19H40S	7-nonadecanethiol	---	7.36678	2363.2288	155.011	216.17	409.69	2
22249	C19H40S	8-nonadecanethiol	---	7.35213	2356.1342	155.150	215.77	409.83	2
22250	C19H40S	9-nonadecanethiol	---	7.33756	2349.0750	155.289	215.37	409.97	2
22251	C19H40S	10-nonadecanethiol	---	7.32306	2342.0510	155.428	214.97	410.12	2
22252	C19H40S	2-methyl-1-octadecanethiol	---	7.41147	2384.8722	154.592	217.38	409.26	2
22253	C19H40S	3-methyl-1-octadecanethiol	---	7.39660	2377.6690	154.731	216.98	409.40	2
22254	C19H40S	4-methyl-1-octadecanethiol	---	7.38180	2370.5020	154.870	216.58	409.54	2
22255	C19H40S	5-methyl-1-octadecanethiol	---	7.36707	2363.3710	155.009	216.18	409.69	2
22256	C19H40S	6-methyl-1-octadecanethiol	---	7.35242	2356.2757	155.148	215.78	409.83	2
22257	C19H40S	7-methyl-1-octadecanethiol	---	7.33785	2349.2159	155.287	215.38	409.97	2
22258	C19H40S	8-methyl-1-octadecanethiol	---	7.32335	2342.1911	155.426	214.98	410.12	2
22259	C19H40S	9-methyl-1-octadecanethiol	---	7.30892	2335.2013	155.565	214.58	410.26	2
22260	C19H40S	10-methyl-1-octadecanethiol	---	7.29457	2328.2460	155.704	214.18	410.40	2
22261	C19H40S	11-methyl-1-octadecanethiol	---	7.28029	2321.3251	155.843	213.78	410.55	2
22262	C19H40S	12-methyl-1-octadecanethiol	---	7.26609	2314.4383	155.982	213.38	410.69	2
22263	C19H40S	13-methyl-1-octadecanethiol	---	7.25195	2307.5853	156.121	212.98	410.84	2
22264	C19H40S	14-methyl-1-octadecanethiol	---	7.23788	2300.7659	156.260	212.58	410.98	2
22265	C19H40S	15-methyl-1-octadecanethiol	---	7.22389	2293.9798	156.399	212.18	411.13	2
22266	C19H40S	16-methyl-1-octadecanethiol	---	7.20997	2287.2268	156.538	211.78	411.28	2
22267	C19H40S	17-methyl-1-octadecanethiol	---	7.19611	2280.5066	156.677	211.38	411.42	2
22268	C19H40S	2-methyl-2-octadecanethiol	---	7.20997	2287.2268	156.538	211.78	411.28	2
22269	C19H40S	3-methyl-2-octadecanethiol	---	7.19611	2280.5066	156.677	211.38	411.42	2
22270	C19H40S	4-methyl-2-octadecanethiol	---	7.18232	2273.8190	156.816	210.98	411.57	2
22271	C19H40S	5-methyl-2-octadecanethiol	---	7.16861	2267.1638	156.955	210.58	411.72	2
22272	C19H40S	6-methyl-2-octadecanethiol	---	7.15496	2260.5406	157.094	210.18	411.87	2
22273	C19H40S	7-methyl-2-octadecanethiol	---	7.14138	2253.9493	157.233	209.78	412.01	2
22274	C19H40S	8-methyl-2-octadecanethiol	---	7.12786	2247.3897	157.372	209.38	412.16	2
22275	C19H40S	9-methyl-2-octadecanethiol	---	7.11441	2240.8614	157.511	208.98	412.31	2
22276	C19H40S	10-methyl-2-octadecanethiol	---	7.10103	2234.3643	157.650	208.58	412.46	2
22277	C19H40S	11-methyl-2-octadecanethiol	---	7.08771	2227.8981	157.789	208.18	412.61	2
22278	C19H40S	12-methyl-2-octadecanethiol	---	7.07446	2221.4626	157.928	207.78	412.76	2
22279	C19H40S	13-methyl-2-octadecanethiol	---	7.06127	2215.0576	158.067	207.38	412.91	2
22280	C19H40S	14-methyl-2-octadecanethiol	---	7.04815	2208.6829	158.206	206.98	413.06	2
22281	C19H40S	15-methyl-2-octadecanethiol	---	7.03508	2202.3382	158.345	206.58	413.21	2
22282	C19H40S	16-methyl-2-octadecanethiol	---	7.02209	2196.0233	158.484	206.18	413.36	2
22283	C19H40S	17-methyl-2-octadecanethiol	---	7.00915	2189.7381	158.623	205.78	413.51	2
22284	C19H40S	2-thiaicosane	40289-98-3	7.75771	2474.3196	155.562	210.59	385.17	2
22285	C19H40S	3-thiaicosane	66359-40-8	7.72332	2458.2191	155.840	209.79	385.44	2
22286	C19H40S	4-thiaicosane	66359-41-9	7.68932	2442.2952	156.118	208.99	385.71	2
22287	C19H40S	5-thiaicosane	66359-42-0	7.65570	2426.5449	156.396	208.19	385.99	2
22288	C19H40S	6-thiaicosane	---	7.62244	2410.9653	156.674	207.39	386.26	2
22289	C19H40S	7-thiaicosane	---	7.58956	2395.5536	156.952	206.59	386.54	2
22290	C19H40S	8-thiaicosane	---	7.55704	2380.3071	157.230	205.79	386.82	2
22291	C19H40S	9-thiaicosane	---	7.52487	2365.2230	157.508	204.99	387.10	2
22292	C19H40S	10-thiaicosane	---	7.49304	2350.2987	157.786	204.19	387.38	2
22293	C19H40S	3-methyl-2-thianonadecane	---	7.43043	2320.9193	158.342	202.59	387.94	2
22294	C19H40S	4-methyl-2-thianonadecane	---	7.39962	2306.4592	158.620	201.79	388.22	2
22295	C19H40S	5-methyl-2-thianonadecane	---	7.36914	2292.1488	158.898	200.99	388.51	2
22296	C19H40S	6-methyl-2-thianonadecane	---	7.33898	2277.9859	159.176	200.19	388.79	2
22297	C19H40S	7-methyl-2-thianonadecane	---	7.30913	2263.9681	159.454	199.39	389.08	2
22298	C19H40S	8-methyl-2-thianonadecane	---	7.27960	2250.0931	159.732	198.59	389.37	2
22299	C19H40S	9-methyl-2-thianonadecane	---	7.25038	2236.3587	160.010	197.79	389.66	2
22300	C19H40S	10-methyl-2-thianonadecane	---	7.22146	2222.7627	160.288	196.99	389.95	2
22301	C19H40S	11-methyl-2-thianonadecane	---	7.19283	2209.3030	160.566	196.19	390.25	2
22302	C19H40S	2-methyl-3-thianonadecane	---	7.39962	2306.4592	158.620	201.79	388.22	2
22303	C19H40S	4-methyl-3-thianonadecane	---	7.36914	2292.1488	158.898	200.99	388.51	2
22304	C19H40S	5-methyl-3-thianonadecane	---	7.33898	2277.9859	159.176	200.19	388.79	2
22305	C19H40S	6-methyl-3-thianonadecane	---	7.30913	2263.9681	159.454	199.39	389.08	2
22306	C19H40S	7-methyl-3-thianonadecane	---	7.27960	2250.0931	159.732	198.59	389.37	2
22307	C19H40S	8-methyl-3-thianonadecane	---	7.25038	2236.3587	160.010	197.79	389.66	2
22308	C19H40S	9-methyl-3-thianonadecane	---	7.22146	2222.7627	160.288	196.99	389.95	2
22309	C19H40S	10-methyl-3-thianonadecane	---	7.19283	2209.3030	160.566	196.19	390.25	2
22310	C19H40S	11-methyl-3-thianonadecane	---	7.16450	2195.9776	160.844	195.39	390.54	2
22311	C19H40S2	1,19-nonadecanedithiol	---	6.62508	2180.2137	142.546	245.04	490.64	2
22312	C19H40S2	1,18-nonadecanedithiol	---	6.61489	2174.7975	142.685	244.64	490.80	2
22313	C19H40S2	1,17-nonadecanedithiol	---	6.60474	2169.4028	142.824	244.24	490.97	2
22314	C19H40S2	1,16-nonadecanedithiol	---	6.59463	2164.0294	142.963	243.84	491.13	2
22315	C19H40S2	1,15-nonadecanedithiol	---	6.58456	2158.6771	143.102	243.44	491.30	2
22316	C19H40S2	1,14-nonadecanedithiol	---	6.57453	2153.3460	143.241	243.04	491.46	2
22317	C19H40S2	1,12-nonadecanedithiol	---	6.56455	2148.0358	143.380	242.64	491.63	2
22318	C19H40S2	1,11-nonadecanedithiol	---	6.55460	2142.7464	143.519	242.24	491.79	2
22319	C19H40S2	1,10-nonadecanedithiol	---	6.54469	2137.4778	143.658	241.84	491.96	2
22320	C19H40S2	1,9-nonadecanedithiol	---	6.53483	2132.2297	143.797	241.44	492.12	2

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mm Hg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
22321	C19H40S2	1,8-nonadecanedithiol	---	6.52500	2127.0020	143.936	241.04	492.29	2
22322	C19H40S2	1,7-nonadecanedithiol	---	6.51521	2121.7946	144.075	240.64	492.46	2
22323	C19H40S2	1,6-nonadecanedithiol	---	6.50546	2116.6075	144.214	240.24	492.62	2
22324	C19H40S2	1,5-nonadecanedithiol	---	6.49576	2111.4404	144.353	239.84	492.79	2
22325	C19H40S2	1,4-nonadecanedithiol	---	6.48608	2106.2933	144.492	239.44	492.96	2
22326	C19H40S2	1,3-nonadecanedithiol	---	6.47645	2101.1660	144.631	239.04	493.13	2
22327	C19H40S2	1,2-nonadecanedithiol	---	6.46686	2096.0585	144.770	238.64	493.30	2
22328	C19H40S2	2,3-dithiaheneicosane	---	7.31102	2383.7624	148.337	229.38	428.96	2
22329	C19H40S2	3,4-dithiaheneicosane	---	7.28293	2369.8749	148.615	228.58	429.25	2
22330	C19H40S2	4,5-dithiaheneicosane	---	7.25512	2356.1212	148.893	227.78	429.54	2
22331	C19H40S2	5,6-dithiaheneicosane	---	7.22759	2342.4993	149.171	226.98	429.83	2
22332	C19H40S2	6,7-dithiaheneicosane	---	7.20033	2329.0074	149.449	226.18	430.13	2
22333	C19H40S2	7,8-dithiaheneicosane	---	7.17333	2315.6436	149.727	225.38	430.42	2
22334	C19H40S2	8,9-dithiaheneicosane	---	7.14659	2302.4058	150.005	224.58	430.71	2
22335	C19H40S2	9,10-dithiaheneicosane	---	7.12011	2289.2924	150.283	223.78	431.01	2
22336	C19H40S2	10,11-dithiaheneicosane	---	7.09389	2276.3016	150.561	222.98	431.31	2
22337	C19H40S2	2,4-dithiaheneicosane	---	7.60808	2530.4617	145.557	237.38	426.14	2
22338	C19H40S2	3,5-dithiaheneicosane	---	7.57698	2515.1182	145.835	236.58	426.42	2
22339	C19H40S2	4,6-dithiaheneicosane	---	7.54620	2499.9305	146.113	235.78	426.69	2
22340	C19H40S2	5,7-dithiaheneicosane	---	7.51574	2484.8964	146.391	234.98	426.97	2
22341	C19H40S2	6,8-dithiaheneicosane	---	7.48559	2470.0134	146.669	234.18	427.25	2
22342	C19H40S2	7,9-dithiaheneicosane	---	7.45575	2455.2792	146.947	233.38	427.54	2
22343	C19H40S2	8,10-dithiaheneicosane	---	7.42621	2440.6915	147.225	232.58	427.82	2
22344	C19H40S2	9,11-dithiaheneicosane	---	7.39698	2426.2482	147.503	231.78	428.10	2
22345	C19H40S2	10,12-dithiaheneicosane	---	7.36803	2411.9469	147.781	230.98	428.39	2
22346	C19H41N	nonadecylamine	14130-05-3	8.07034	2662.5070	153.204	223.37	391.44	1,2
22347	C19H41N	methyloctadecylamine	2439-55-6	7.74011	2457.2287	159.598	204.97	379.47	2
22348	C19H41N	ethylheptadecylamine	66359-43-1	7.77481	2473.4170	159.320	205.77	379.20	2
22349	C19H41N	dimethylheptadecylamine	3002-57-1	8.40871	2689.3791	160.432	202.57	354.10	2
22350	C19H41N	diethylpentadecylamine	36555-73-4	7.40318	2234.1223	167.938	180.97	361.31	2
22351	C20H14	9-phenylanthracene	602-55-1	12.06143	4650.0625	173.966	246.42	349.71	3
22352	C20H16	triphenylethylene	58-72-0	9.87649	3571.5265	175.950	226.41	357.54	3
22353	C20H16	7,12-dimethylbenz[a]anthracene	57-97-6	7.47758	3400.3854	273.150	251.80	518.42	3
22354	C20H16	5,6-dimethylchrysene	3697-27-6	7.01811	2499.5649	124.570	290.77	526.99	3
22355	C20H16	6,7-dimethyl-1,2-benzanthracene	58429-99-5	7.47960	3401.8760	273.150	251.86	518.40	3
22356	C20H16	1,2-dimethylchrysene	15914-23-5	7.01811	2499.5649	124.570	290.77	526.99	3
22357	C20H16	1,11-dimethylchrysene	52171-92-3	7.01811	2499.5649	124.570	290.77	526.99	3
22358	C20H16	4,5-dimethylchrysene	63019-23-8	7.01811	2499.5649	124.570	290.77	526.99	3
22359	C20H16	5,11-dimethylchrysene	14207-78-4	7.01811	2499.5649	124.570	290.77	526.99	3
22360	C20H24	1,1-diphenyl-1-octene	1530-21-8	6.82371	2068.9683	157.096	198.17	411.01	2
22361	C20H24	trans-4,4'-dimethyl-a-a'-diethylstilbene	34983-45-4	6.59407	2004.1665	157.096	201.17	430.25	3
22362	C20H24	a-ethyl-a',sec-butylstilbene	63019-12-5	6.59407	2004.1665	157.096	201.17	430.25	3
22363	C20H26	1,1-diphenyloctane	1530-06-9	6.68406	1994.7989	159.876	191.07	409.71	2
22364	C20H26	2,5-dimethyl-2,5-diphenylhexane	17648-05-4	6.68733	1996.5177	159.876	191.17	409.66	2
22365	C20H26	4,4'-di-tert-butyl-biphenyl	1625-91-8	6.61213	1975.7296	159.876	192.17	416.09	2
22366	C20H26	3,4-dimethyl-3,4-diphenylhexane	10192-93-5	6.68733	1996.5177	159.876	191.17	409.66	2
22367	C20H28	1-decyl-naphthalene	26438-27-7	7.00807	2197.1137	150.744	214.95	423.48	2
22368	C20H28	2-decyl-naphthalene	14188-79-5	7.11691	2250.1672	149.590	218.27	422.23	2
22369	C20H28	1,4-dimethyl-5-octyl-naphthalene	55000-53-8	10.88589	5180.0287	300.494	223.49	371.88	3
22370	C20H28	2,6-dimethyl-3-octyl-naphthalene	55000-54-9	11.74429	6358.6762	370.803	221.02	371.82	3
22371	C20H28	7-butyl-1-hexyl-naphthalene	55000-55-0	10.09812	4856.7797	326.336	207.49	375.89	3
22372	C20H28	2-butyl-3-hexyl-naphthalene	55000-56-1	9.12644	3633.3362	235.142	211.96	376.06	3
22373	C20H30O2	abietic acid	514-10-3	6.86129	1789.6394	66.131	239.20	420.26	3
22374	C20H31N	dehydroabietylamine	1446-61-3	6.75195	2292.4060	174.289	224.26	467.82	3
22375	C20H32	1-decyl-[1,2,3,4-tetrahydronaphthalene]	55255-57-7	6.75375	2057.4043	155.706	201.87	420.29	2
22376	C20H32	2-decyl-[1,2,3,4-tetrahydronaphthalene]	66455-67-2	6.80118	2080.4204	155.150	203.47	419.66	2
22377	C20H32	1,2,3,4-tetrahydro-5,8-di-methyl-1-octyl-naphthalene	55255-58-8	9.85718	4649.6990	315.973	208.99	380.58	3
22378	C20H32	1,2,3,4-tetrahydro-2,6-di-methyl-7-octyl-naphthalene	55255-59-9	8.93857	3669.6051	255.250	207.00	382.20	3
22379	C20H32	1,2,3,4-tetrahydro-7-butyl-1-hexyl-naphthalene	66205-02-5	9.48193	4555.5961	339.605	197.49	383.50	3
22380	C20H32	1,2,3,4-tetrahydro-6-butyl-7-hexyl-naphthalene	66538-96-3	9.41241	4340.5843	314.032	201.94	382.63	3
22381	C20H34	1-phenyltetradecane	1459-10-5	7.80436	2630.9185	181.890	204.76	387.26	2
22382	C20H34	9-cyclohexyltetra-decahydroanthracene	55255-70-4	9.37594	3993.9226	262.446	214.39	382.35	3
22383	C20H36O	2-eicosynal	---	6.85937	2273.7772	147.088	240.97	471.20	3
22384	C20H36O2	2-eicosynoic acid	---	7.71930	2829.5386	129.488	292	494	3
22385	C20H36O2	3-eicosynoic acid	---	7.71930	2829.5386	129.488	292	494	3
22386	C20H36O2	4-eicosynoic acid	---	7.71930	2829.5386	129.488	292	494	3
22387	C20H36O2	5-eicosynoic acid	---	7.71930	2829.5386	129.488	292	494	3
22388	C20H36O2	6-eicosynoic acid	---	7.71930	2829.5386	129.488	292	494	3
22389	C20H36O2	7-eicosynoic acid	---	7.71930	2829.5386	129.488	292	494	3
22390	C20H36O2	8-eicosynoic acid	---	7.71930	2829.5386	129.488	292	494	3
22391	C20H36O2	9-eicosynoic acid	---	7.71930	2829.5386	129.488	292	494	3
22392	C20H36O2	10-eicosynoic acid	---	7.71930	2829.5386	129.488	292	494	3
22393	C20H36O2	11-eicosynoic acid	---	7.71930	2829.5386	129.488	292	494	3
22394	C20H36O2	12-eicosynoic acid	---	7.71930	2829.5386	129.488	292	494	3
22395	C20H36O2	13-eicosynoic acid	---	7.71930	2829.5386	129.488	292	494	3
22396	C20H36O2	14-eicosynoic acid	---	7.71930	2829.5386	129.488	292	494	3
22397	C20H36O2	15-eicosynoic acid	---	7.71930	2829.5386	129.488	292	494	3
22398	C20H36O2	16-eicosynoic acid	---	7.71930	2829.5386	129.488	292	494	3
22399	C20H36O2	17-eicosynoic acid	---	7.71930	2829.5386	129.488	292	494	3
22400	C20H36O2	18-eicosynoic acid	---	7.71930	2829.5386	129.488	292	494	3

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mm Hg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
22401	C20H36O2	19-eicosynoic acid	---	7.71930	2829.5386	129.488	292	494	3
22402	C20H36O2	4-methyl-2-nonadecynoic acid	---	7.71930	2829.5386	129.488	292	494	3
22403	C20H36O2	5-methyl-2-nonadecynoic acid	---	7.71930	2829.5386	129.488	292	494	3
22404	C20H36O2	6-methyl-2-nonadecynoic acid	---	7.71930	2829.5386	129.488	292	494	3
22405	C20H36O2	7-methyl-2-nonadecynoic acid	---	7.71930	2829.5386	129.488	292	494	3
22406	C20H36O2	8-methyl-2-nonadecynoic acid	---	7.71930	2829.5386	129.488	292	494	3
22407	C20H36O2	9-methyl-2-nonadecynoic acid	---	7.71930	2829.5386	129.488	292	494	3
22408	C20H36O2	10-methyl-2-nonadecynoic acid	---	7.71930	2829.5386	129.488	292	494	3
22409	C20H36O2	11-methyl-2-nonadecynoic acid	---	7.71930	2829.5386	129.488	292	494	3
22410	C20H36O2	12-methyl-2-nonadecynoic acid	---	7.71930	2829.5386	129.488	292	494	3
22411	C20H36O2	13-methyl-2-nonadecynoic acid	---	7.71930	2829.5386	129.488	292	494	3
22412	C20H36O2	14-methyl-2-nonadecynoic acid	---	7.71930	2829.5386	129.488	292	494	3
22413	C20H36O2	15-methyl-2-nonadecynoic acid	---	7.71930	2829.5386	129.488	292	494	3
22414	C20H36O2	16-methyl-2-nonadecynoic acid	---	7.71930	2829.5386	129.488	292	494	3
22415	C20H36O2	17-methyl-2-nonadecynoic acid	---	7.71930	2829.5386	129.488	292	494	3
22416	C20H36O2	18-methyl-2-nonadecynoic acid	---	7.71930	2829.5386	129.488	292	494	3
22417	C20H36O2	2-methyl-3-nonadecynoic acid	---	7.71930	2829.5386	129.488	292	494	3
22418	C20H36O2	5-methyl-3-nonadecynoic acid	---	7.71930	2829.5386	129.488	292	494	3
22419	C20H36O2	6-methyl-3-nonadecynoic acid	---	7.71930	2829.5386	129.488	292	494	3
22420	C20H36O2	7-methyl-3-nonadecynoic acid	---	7.71930	2829.5386	129.488	292	494	3
22421	C20H36O2	8-methyl-3-nonadecynoic acid	---	7.71930	2829.5386	129.488	292	494	3
22422	C20H36O2	9-methyl-3-nonadecynoic acid	---	7.71930	2829.5386	129.488	292	494	3
22423	C20H36O2	10-methyl-3-nonadecynoic acid	---	7.71930	2829.5386	129.488	292	494	3
22424	C20H36O2	11-methyl-3-nonadecynoic acid	---	7.71930	2829.5386	129.488	292	494	3
22425	C20H36O2	12-methyl-3-nonadecynoic acid	---	7.71930	2829.5386	129.488	292	494	3
22426	C20H36O2	13-methyl-3-nonadecynoic acid	---	7.71930	2829.5386	129.488	292	494	3
22427	C20H36O2	14-methyl-3-nonadecynoic acid	---	7.71930	2829.5386	129.488	292	494	3
22428	C20H36O2	15-methyl-3-nonadecynoic acid	---	7.71930	2829.5386	129.488	292	494	3
22429	C20H36O2	16-methyl-3-nonadecynoic acid	---	7.71930	2829.5386	129.488	292	494	3
22430	C20H36O2	17-methyl-3-nonadecynoic acid	---	7.71930	2829.5386	129.488	292	494	3
22431	C20H36O2	18-methyl-3-nonadecynoic acid	---	7.71930	2829.5386	129.488	292	494	3
22432	C20H36O2	2-methyl-4-nonadecynoic acid	---	7.71930	2829.5386	129.488	292	494	3
22433	C20H36O2	3-methyl-4-nonadecynoic acid	---	7.71930	2829.5386	129.488	292	494	3
22434	C20H36O2	6-methyl-4-nonadecynoic acid	---	7.71930	2829.5386	129.488	292	494	3
22435	C20H36O2	7-methyl-4-nonadecynoic acid	---	7.71930	2829.5386	129.488	292	494	3
22436	C20H36O2	8-methyl-4-nonadecynoic acid	---	7.71930	2829.5386	129.488	292	494	3
22437	C20H36O2	9-methyl-4-nonadecynoic acid	---	7.71930	2829.5386	129.488	292	494	3
22438	C20H36O2	10-methyl-4-nonadecynoic acid	---	7.71930	2829.5386	129.488	292	494	3
22439	C20H36O2	11-methyl-4-nonadecynoic acid	---	7.71930	2829.5386	129.488	292	494	3
22440	C20H36O2	12-methyl-4-nonadecynoic acid	---	7.71930	2829.5386	129.488	292	494	3
22441	C20H36O2	13-methyl-4-nonadecynoic acid	---	7.71930	2829.5386	129.488	292	494	3
22442	C20H36O2	14-methyl-4-nonadecynoic acid	---	7.71930	2829.5386	129.488	292	494	3
22443	C20H36O2	15-methyl-4-nonadecynoic acid	---	7.71930	2829.5386	129.488	292	494	3
22444	C20H36O2	16-methyl-4-nonadecynoic acid	---	7.71930	2829.5386	129.488	292	494	3
22445	C20H36O2	17-methyl-4-nonadecynoic acid	---	7.71930	2829.5386	129.488	292	494	3
22446	C20H36O2	18-methyl-4-nonadecynoic acid	---	7.71930	2829.5386	129.488	292	494	3
22447	C20H36O2	2-ethyl-2-octadecynoic acid	---	7.71930	2829.5386	129.488	292	494	3
22448	C20H36O2	3-ethyl-2-octadecynoic acid	---	7.71930	2829.5386	129.488	292	494	3
22449	C20H36O2	4-ethyl-2-octadecynoic acid	---	7.71930	2829.5386	129.488	292	494	3
22450	C20H36O2	5-ethyl-2-octadecynoic acid	---	7.71930	2829.5386	129.488	292	494	3
22451	C20H36O2	6-ethyl-2-octadecynoic acid	---	7.71930	2829.5386	129.488	292	494	3
22452	C20H36O2	7-ethyl-2-octadecynoic acid	---	7.71930	2829.5386	129.488	292	494	3
22453	C20H36O2	8-ethyl-2-octadecynoic acid	---	7.71930	2829.5386	129.488	292	494	3
22454	C20H36O2	9-ethyl-2-octadecynoic acid	---	7.71930	2829.5386	129.488	292	494	3
22455	C20H36O2	10-ethyl-2-octadecynoic acid	---	7.71930	2829.5386	129.488	292	494	3
22456	C20H36O2	11-ethyl-2-octadecynoic acid	---	7.71930	2829.5386	129.488	292	494	3
22457	C20H36O2	12-ethyl-2-octadecynoic acid	---	7.71930	2829.5386	129.488	292	494	3
22458	C20H36O2	13-ethyl-2-octadecynoic acid	---	7.71930	2829.5386	129.488	292	494	3
22459	C20H36O2	14-ethyl-2-octadecynoic acid	---	7.71930	2829.5386	129.488	292	494	3
22460	C20H36O2	15-ethyl-2-octadecynoic acid	---	7.71930	2829.5386	129.488	292	494	3
22461	C20H36O2	16-ethyl-2-octadecynoic acid	---	7.71930	2829.5386	129.488	292	494	3
22462	C20H36O2	17-ethyl-2-octadecynoic acid	---	7.71930	2829.5386	129.488	292	494	3
22463	C20H36S	2-hexadecylthiophene	---	7.12026	2242.0830	154.928	211.41	414.36	2
22464	C20H36S	3-hexadecylthiophene	---	7.17461	2268.4408	154.372	213.01	413.77	2
22465	C20H36S	2-isohexadecylthiophene	---	6.98895	2178.3471	156.318	207.41	415.86	2
22466	C20H36S	3-isohexadecylthiophene	---	7.04071	2203.4804	155.762	209.01	415.26	2
22467	C20H36S	2-sec-hexadecylthiophene	---	6.86380	2117.5214	157.708	203.41	417.40	2
22468	C20H36S	3-sec-hexadecylthiophene	---	6.91314	2141.5157	157.152	205.01	416.78	2
22469	C20H36S	2-tert-hexadecylthiophene	---	6.74438	2059.4056	159.098	199.41	418.97	2
22470	C20H36S	3-tert-hexadecylthiophene	---	6.79148	2082.3388	158.542	201.01	418.34	2
22471	C20H36S	2-methyl-3-pentadecylthiophene	---	7.14730	2255.1984	154.650	212.21	414.06	2
22472	C20H36S	2-methyl-4-pentadecyl thiophene	---	7.17461	2268.4408	154.372	213.01	413.77	2
22473	C20H36S	2-methyl-5-pentadecyl thiophene	---	7.20220	2281.8121	154.094	213.81	413.47	2
22474	C20H36S	3-methyl-2-pentadecylthiophene	---	7.20220	2281.8121	154.094	213.81	413.47	2
22475	C20H36S	3-methyl-4-pentadecyl thiophene	---	7.23006	2295.3142	153.816	214.61	413.18	2
22476	C20H36S	3-methyl-5-pentadecylthiophene	---	7.25820	2308.9492	153.538	215.41	412.89	2
22477	C20H38	1-eicosyne	765-27-5	7.57044	2358.2599	161.542	197.38	375.82	2
22478	C20H38	2-eicosyne	61847-99-2	7.99286	2553.6415	158.208	206.97	372.58	2
22479	C20H38	3-eicosyne	61886-66-6	7.25863	2213.6403	164.324	189.37	378.66	2
22480	C20H38	4-eicosyne	---	7.28829	2227.4151	164.046	190.17	378.37	2

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mm Hg}, T - C)$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
22481	C20H38	5-eicosyne	---	7.31827	2241.3329	163.768	190.97	378.08	2
22482	C20H38	6-eicosyne	---	7.34857	2255.3960	163.490	191.77	377.80	2
22483	C20H38	7-eicosyne	---	7.37920	2269.6066	163.212	192.57	377.51	2
22484	C20H38	8-eicosyne	---	7.41016	2283.9672	162.934	193.37	377.23	2
22485	C20H38	9-eicosyne	---	7.44145	2298.4803	162.656	194.17	376.94	2
22486	C20H38	10-eicosyne	---	7.47309	2313.1482	162.378	194.97	376.66	2
22487	C20H38	3-methyl-1-nonadecyne	---	7.25863	2213.6403	164.324	189.37	378.66	2
22488	C20H38	4-methyl-1-nonadecyne	---	7.25863	2213.6403	164.324	189.37	378.66	2
22489	C20H38	5-methyl-1-nonadecyne	---	7.25863	2213.6403	164.324	189.37	378.66	2
22490	C20H38	6-methyl-1-nonadecyne	---	7.25863	2213.6403	164.324	189.37	378.66	2
22491	C20H38	7-methyl-1-nonadecyne	---	7.25863	2213.6403	164.324	189.37	378.66	2
22492	C20H38	8-methyl-1-nonadecyne	---	7.25863	2213.6403	164.324	189.37	378.66	2
22493	C20H38	9-methyl-1-nonadecyne	---	7.25863	2213.6403	164.324	189.37	378.66	2
22494	C20H38	10-methyl-1-nonadecyne	---	7.25863	2213.6403	164.324	189.37	378.66	2
22495	C20H38	11-methyl-1-nonadecyne	---	7.25863	2213.6403	164.324	189.37	378.66	2
22496	C20H38	12-methyl-1-nonadecyne	---	7.25863	2213.6403	164.324	189.37	378.66	2
22497	C20H38	13-methyl-1-nonadecyne	---	7.25863	2213.6403	164.324	189.37	378.66	2
22498	C20H38	14-methyl-1-nonadecyne	---	7.25863	2213.6403	164.324	189.37	378.66	2
22499	C20H38	15-methyl-1-nonadecyne	---	7.25863	2213.6403	164.324	189.37	378.66	2
22500	C20H38	16-methyl-1-nonadecyne	---	7.25863	2213.6403	164.324	189.37	378.66	2
22501	C20H38	17-methyl-1-nonadecyne	---	7.25863	2213.6403	164.324	189.37	378.66	2
22502	C20H38	18-methyl-1-nonadecyne	---	7.25863	2213.6403	164.324	189.37	378.66	2
22503	C20H38	4-methyl-2-nonadecyne	---	7.25863	2213.6403	164.324	189.37	378.66	2
22504	C20H38	5-methyl-2-nonadecyne	---	7.25863	2213.6403	164.324	189.37	378.66	2
22505	C20H38	6-methyl-2-nonadecyne	---	7.25863	2213.6403	164.324	189.37	378.66	2
22506	C20H38	7-methyl-2-nonadecyne	---	7.25863	2213.6403	164.324	189.37	378.66	2
22507	C20H38	8-methyl-2-nonadecyne	---	7.25863	2213.6403	164.324	189.37	378.66	2
22508	C20H38	9-methyl-2-nonadecyne	---	7.25863	2213.6403	164.324	189.37	378.66	2
22509	C20H38	10-methyl-2-nonadecyne	---	7.25863	2213.6403	164.324	189.37	378.66	2
22510	C20H38	11-methyl-2-nonadecyne	---	7.25863	2213.6403	164.324	189.37	378.66	2
22511	C20H38	12-methyl-2-nonadecyne	---	7.25863	2213.6403	164.324	189.37	378.66	2
22512	C20H38	13-methyl-2-nonadecyne	---	7.25863	2213.6403	164.324	189.37	378.66	2
22513	C20H38	14-methyl-2-nonadecyne	---	7.25863	2213.6403	164.324	189.37	378.66	2
22514	C20H38	15-methyl-2-nonadecyne	---	7.25863	2213.6403	164.324	189.37	378.66	2
22515	C20H38	16-methyl-2-nonadecyne	---	7.25863	2213.6403	164.324	189.37	378.66	2
22516	C20H38	17-methyl-2-nonadecyne	---	7.25863	2213.6403	164.324	189.37	378.66	2
22517	C20H38	18-methyl-2-nonadecyne	---	7.25863	2213.6403	164.324	189.37	378.66	2
22518	C20H38	5-methyl-3-nonadecyne	---	7.25863	2213.6403	164.324	189.37	378.66	2
22519	C20H38	6-methyl-3-nonadecyne	---	7.25863	2213.6403	164.324	189.37	378.66	2
22520	C20H38	7-methyl-3-nonadecyne	---	7.25863	2213.6403	164.324	189.37	378.66	2
22521	C20H38	8-methyl-3-nonadecyne	---	7.25863	2213.6403	164.324	189.37	378.66	2
22522	C20H38	9-methyl-3-nonadecyne	---	7.25863	2213.6403	164.324	189.37	378.66	2
22523	C20H38	10-methyl-3-nonadecyne	---	7.25863	2213.6403	164.324	189.37	378.66	2
22524	C20H38	11-methyl-3-nonadecyne	---	7.25863	2213.6403	164.324	189.37	378.66	2
22525	C20H38	12-methyl-3-nonadecyne	---	7.25863	2213.6403	164.324	189.37	378.66	2
22526	C20H38	13-methyl-3-nonadecyne	---	7.25863	2213.6403	164.324	189.37	378.66	2
22527	C20H38	14-methyl-3-nonadecyne	---	7.25863	2213.6403	164.324	189.37	378.66	2
22528	C20H38	15-methyl-3-nonadecyne	---	7.25863	2213.6403	164.324	189.37	378.66	2
22529	C20H38	16-methyl-3-nonadecyne	---	7.25863	2213.6403	164.324	189.37	378.66	2
22530	C20H38	17-methyl-3-nonadecyne	---	7.25863	2213.6403	164.324	189.37	378.66	2
22531	C20H38	18-methyl-3-nonadecyne	---	7.25863	2213.6403	164.324	189.37	378.66	2
22532	C20H38	3,3-dimethyl-1-octadecyne	---	7.05941	2121.0362	166.270	183.77	380.73	2
22533	C20H38	3,4-dimethyl-1-octadecyne	---	7.05941	2121.0362	166.270	183.77	380.73	2
22534	C20H38	3,5-dimethyl-1-octadecyne	---	7.05941	2121.0362	166.270	183.77	380.73	2
22535	C20H38	3,6-dimethyl-1-octadecyne	---	7.05941	2121.0362	166.270	183.77	380.73	2
22536	C20H38	3,7-dimethyl-1-octadecyne	---	7.05941	2121.0362	166.270	183.77	380.73	2
22537	C20H38	3,8-dimethyl-1-octadecyne	---	7.05941	2121.0362	166.270	183.77	380.73	2
22538	C20H38	3,9-dimethyl-1-octadecyne	---	7.05941	2121.0362	166.270	183.77	380.73	2
22539	C20H38	3,10-dimethyl-1-octadecyne	---	7.05941	2121.0362	166.270	183.77	380.73	2
22540	C20H38	3,11-dimethyl-1-octadecyne	---	7.05941	2121.0362	166.270	183.77	380.73	2
22541	C20H38	3,12-dimethyl-1-octadecyne	---	7.05941	2121.0362	166.270	183.77	380.73	2
22542	C20H38	3,13-dimethyl-1-octadecyne	---	7.05941	2121.0362	166.270	183.77	380.73	2
22543	C20H38	3,14-dimethyl-1-octadecyne	---	7.05941	2121.0362	166.270	183.77	380.73	2
22544	C20H38	3,15-dimethyl-1-octadecyne	---	7.05941	2121.0362	166.270	183.77	380.73	2
22545	C20H38	3,16-dimethyl-1-octadecyne	---	7.05941	2121.0362	166.270	183.77	380.73	2
22546	C20H38	3,17-dimethyl-1-octadecyne	---	7.05941	2121.0362	166.270	183.77	380.73	2
22547	C20H38	4,4-dimethyl-2-octadecyne	---	7.05941	2121.0362	166.270	183.77	380.73	2
22548	C20H38	4,5-dimethyl-2-octadecyne	---	7.05941	2121.0362	166.270	183.77	380.73	2
22549	C20H38	4,6-dimethyl-2-octadecyne	---	7.05941	2121.0362	166.270	183.77	380.73	2
22550	C20H38	4,7-dimethyl-2-octadecyne	---	7.05941	2121.0362	166.270	183.77	380.73	2
22551	C20H38	4,8-dimethyl-2-octadecyne	---	7.05941	2121.0362	166.270	183.77	380.73	2
22552	C20H38	4,9-dimethyl-2-octadecyne	---	7.05941	2121.0362	166.270	183.77	380.73	2
22553	C20H38	4,10-dimethyl-2-octadecyne	---	7.05941	2121.0362	166.270	183.77	380.73	2
22554	C20H38	4,11-dimethyl-2-octadecyne	---	7.05941	2121.0362	166.270	183.77	380.73	2
22555	C20H38	4,12-dimethyl-2-octadecyne	---	7.05941	2121.0362	166.270	183.77	380.73	2
22556	C20H38	4,13-dimethyl-2-octadecyne	---	7.05941	2121.0362	166.270	183.77	380.73	2
22557	C20H38	4,14-dimethyl-2-octadecyne	---	7.05941	2121.0362	166.270	183.77	380.73	2
22558	C20H38	4,15-dimethyl-2-octadecyne	---	7.05941	2121.0362	166.270	183.77	380.73	2
22559	C20H38	4,16-dimethyl-2-octadecyne	---	7.05941	2121.0362	166.270	183.77	380.73	2
22560	C20H38	4,17-dimethyl-2-octadecyne	---	7.05941	2121.0362	166.270	183.77	380.73	2

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mm Hg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
22561	C20H38	3-ethyl-1-octadecyne	---	7.25863	2213.6403	164.324	189.37	378.66	2
22562	C20H38	4-ethyl-1-octadecyne	---	7.25863	2213.6403	164.324	189.37	378.66	2
22563	C20H38	5-ethyl-1-octadecyne	---	7.25863	2213.6403	164.324	189.37	378.66	2
22564	C20H38	6-ethyl-1-octadecyne	---	7.25863	2213.6403	164.324	189.37	378.66	2
22565	C20H38	7-ethyl-1-octadecyne	---	7.25863	2213.6403	164.324	189.37	378.66	2
22566	C20H38	8-ethyl-1-octadecyne	---	7.25863	2213.6403	164.324	189.37	378.66	2
22567	C20H38	9-ethyl-1-octadecyne	---	7.25863	2213.6403	164.324	189.37	378.66	2
22568	C20H38	10-ethyl-1-octadecyne	---	7.25863	2213.6403	164.324	189.37	378.66	2
22569	C20H38	11-ethyl-1-octadecyne	---	7.25863	2213.6403	164.324	189.37	378.66	2
22570	C20H38	12-ethyl-1-octadecyne	---	7.25863	2213.6403	164.324	189.37	378.66	2
22571	C20H38	13-ethyl-1-octadecyne	---	7.25863	2213.6403	164.324	189.37	378.66	2
22572	C20H38	14-ethyl-1-octadecyne	---	7.25863	2213.6403	164.324	189.37	378.66	2
22573	C20H38	15-ethyl-1-octadecyne	---	7.25863	2213.6403	164.324	189.37	378.66	2
22574	C20H38	16-ethyl-1-octadecyne	---	7.25863	2213.6403	164.324	189.37	378.66	2
22575	C20H38	17-ethyl-1-octadecyne	---	7.25863	2213.6403	164.324	189.37	378.66	2
22576	C20H38	1,1-dicyclohexyloctane	62016-87-9	6.58349	1931.8999	160.432	185.57	407.50	2
22577	C20H38	1-pentadecylcyclopentene	62184-80-9	7.17519	2218.8004	175.351	183.96	380.27	2
22578	C20H38	3,4-dicyclohexyl-3,4-dimethylhexane	26527-76-4	8.61111	3607.0804	273.150	200.77	391.23	3
22579	C20H38	1,4-dimethyl-5-octyldecahydro-naphthalene	54964-83-9	9.30972	4638.2231	365.138	193.03	391.77	3
22580	C20H38	2,6-dimethyl-3-octyldecahydro-naphthalene	54964-85-1	7.98058	3039.2662	239.636	195.75	393.71	3
22581	C20H38	7-butyl-1-hexyldecahydro-naphthalene	66455-54-7	8.42133	3549.5485	284.327	193.96	393.13	3
22582	C20H38	2-butyl-3-hexyldecahydro-naphthalene	66455-55-8	8.23616	3333.8441	266.201	194.52	393.40	3
22583	C20H38O	2-eicosenal	---	7.64239	2540.9556	147.366	235.17	422.28	3
22584	C20H38O2	2-eicosenoic acid	---	7.72113	2706.4276	139.304	263.37	456.92	2
22585	C20H38O2	3-eicosenoic acid	---	7.72113	2706.4276	139.304	263.37	456.92	2
22586	C20H38O2	4-eicosenoic acid	---	7.72113	2706.4276	139.304	263.37	456.92	2
22587	C20H38O2	5-eicosenoic acid	---	7.72113	2706.4276	139.304	263.37	456.92	2
22588	C20H38O2	cis-5-eicosenoic acid	7050-07-9	7.72113	2706.4276	139.304	263.37	456.92	2
22589	C20H38O2	6-eicosenoic acid	---	7.72113	2706.4276	139.304	263.37	456.92	2
22590	C20H38O2	7-eicosenoic acid	---	7.72113	2706.4276	139.304	263.37	456.92	2
22591	C20H38O2	8-eicosenoic acid	---	7.72113	2706.4276	139.304	263.37	456.92	2
22592	C20H38O2	9-eicosenoic acid	506-31-0	7.72113	2706.4276	139.304	263.37	456.92	2
22593	C20H38O2	Z-9-eicosenoic acid	29204-02-2	7.72113	2706.4276	139.304	263.37	456.92	2
22594	C20H38O2	10-eicosenoic acid	---	7.72113	2706.4276	139.304	263.37	456.92	2
22595	C20H38O2	11-eicosenoic acid	2462-94-4	7.72113	2706.4276	139.304	263.37	456.92	2
22596	C20H38O2	cis-11-eicosenoic acid	5561-99-9	7.72113	2706.4276	139.304	263.37	456.92	2
22597	C20H38O2	12-eicosenoic acid	---	7.72113	2706.4276	139.304	263.37	456.92	2
22598	C20H38O2	13-eicosenoic acid	---	7.72113	2706.4276	139.304	263.37	456.92	2
22599	C20H38O2	14-eicosenoic acid	---	7.72113	2706.4276	139.304	263.37	456.92	2
22600	C20H38O2	15-eicosenoic acid	---	7.72113	2706.4276	139.304	263.37	456.92	2
22601	C20H38O2	16-eicosenoic acid	---	7.72113	2706.4276	139.304	263.37	456.92	2
22602	C20H38O2	17-eicosenoic acid	---	7.72113	2706.4276	139.304	263.37	456.92	2
22603	C20H38O2	18-eicosenoic acid	---	7.72113	2706.4276	139.304	263.37	456.92	2
22604	C20H38O2	19-eicosenoic acid	---	7.72113	2706.4276	139.304	263.37	456.92	2
22605	C20H38O2	2-methyl-2-nonadecenoic acid	---	7.72113	2706.4276	139.304	263.37	456.92	2
22606	C20H38O2	3-methyl-2-nonadecenoic acid	---	7.48270	2583.3469	141.528	256.97	459.13	2
22607	C20H38O2	4-methyl-2-nonadecenoic acid	---	7.48270	2583.3469	141.528	256.97	459.13	2
22608	C20H38O2	5-methyl-2-nonadecenoic acid	---	7.48270	2583.3469	141.528	256.97	459.13	2
22609	C20H38O2	6-methyl-2-nonadecenoic acid	---	7.48270	2583.3469	141.528	256.97	459.13	2
22610	C20H38O2	7-methyl-2-nonadecenoic acid	---	7.48270	2583.3469	141.528	256.97	459.13	2
22611	C20H38O2	8-methyl-2-nonadecenoic acid	---	7.48270	2583.3469	141.528	256.97	459.13	2
22612	C20H38O2	9-methyl-2-nonadecenoic acid	---	7.48270	2583.3469	141.528	256.97	459.13	2
22613	C20H38O2	10-methyl-2-nonadecenoic acid	---	7.48270	2583.3469	141.528	256.97	459.13	2
22614	C20H38O2	11-methyl-2-nonadecenoic acid	---	7.48270	2583.3469	141.528	256.97	459.13	2
22615	C20H38O2	12-methyl-2-nonadecenoic acid	---	7.48270	2583.3469	141.528	256.97	459.13	2
22616	C20H38O2	13-methyl-2-nonadecenoic acid	---	7.48270	2583.3469	141.528	256.97	459.13	2
22617	C20H38O2	14-methyl-2-nonadecenoic acid	---	7.48270	2583.3469	141.528	256.97	459.13	2
22618	C20H38O2	15-methyl-2-nonadecenoic acid	---	7.48270	2583.3469	141.528	256.97	459.13	2
22619	C20H38O2	16-methyl-2-nonadecenoic acid	---	7.48270	2583.3469	141.528	256.97	459.13	2
22620	C20H38O2	17-methyl-2-nonadecenoic acid	---	7.48270	2583.3469	141.528	256.97	459.13	2
22621	C20H38O2	18-methyl-2-nonadecenoic acid	---	7.48270	2583.3469	141.528	256.97	459.13	2
22622	C20H38O2	2-methyl-3-nonadecenoic acid	---	7.48270	2583.3469	141.528	256.97	459.13	2
22623	C20H38O2	3-methyl-3-nonadecenoic acid	---	7.48270	2583.3469	141.528	256.97	459.13	2
22624	C20H38O2	4-methyl-3-nonadecenoic acid	---	7.48270	2583.3469	141.528	256.97	459.13	2
22625	C20H38O2	5-methyl-3-nonadecenoic acid	---	7.48270	2583.3469	141.528	256.97	459.13	2
22626	C20H38O2	6-methyl-3-nonadecenoic acid	---	7.48270	2583.3469	141.528	256.97	459.13	2
22627	C20H38O2	7-methyl-3-nonadecenoic acid	---	7.48270	2583.3469	141.528	256.97	459.13	2
22628	C20H38O2	8-methyl-3-nonadecenoic acid	---	7.48270	2583.3469	141.528	256.97	459.13	2
22629	C20H38O2	9-methyl-3-nonadecenoic acid	---	7.48270	2583.3469	141.528	256.97	459.13	2
22630	C20H38O2	10-methyl-3-nonadecenoic acid	---	7.48270	2583.3469	141.528	256.97	459.13	2
22631	C20H38O2	11-methyl-3-nonadecenoic acid	---	7.48270	2583.3469	141.528	256.97	459.13	2
22632	C20H38O2	12-methyl-3-nonadecenoic acid	---	7.48270	2583.3469	141.528	256.97	459.13	2
22633	C20H38O2	13-methyl-3-nonadecenoic acid	---	7.48270	2583.3469	141.528	256.97	459.13	2
22634	C20H38O2	14-methyl-3-nonadecenoic acid	---	7.48270	2583.3469	141.528	256.97	459.13	2
22635	C20H38O2	15-methyl-3-nonadecenoic acid	---	7.48270	2583.3469	141.528	256.97	459.13	2
22636	C20H38O2	16-methyl-3-nonadecenoic acid	---	7.48270	2583.3469	141.528	256.97	459.13	2
22637	C20H38O2	17-methyl-3-nonadecenoic acid	---	7.48270	2583.3469	141.528	256.97	459.13	2
22638	C20H38O2	18-methyl-3-nonadecenoic acid	---	7.48270	2583.3469	141.528	256.97	459.13	2
22639	C20H38O2	2-methyl-4-nonadecenoic acid	---	7.48270	2583.3469	141.528	256.97	459.13	2
22640	C20H38O2	3-methyl-4-nonadecenoic acid	---	7.48270	2583.3469	141.528	256.97	459.13	2

Table 1 Vapor Pressure – Organic Compounds

NO	FORMULA	NAME	$\log_{10} P = A - B/(T + C) \quad (P - \text{mm Hg}, T - ^\circ\text{C})$						
			CAS No	A	B	C	TMIN	TMAX	code
22641	C20H38O2	4-methyl-4-nonadecenoic acid	---	7.48270	2583.3469	141.528	256.97	459.13	2
22642	C20H38O2	5-methyl-4-nonadecenoic acid	---	7.48270	2583.3469	141.528	256.97	459.13	2
22643	C20H38O2	6-methyl-4-nonadecenoic acid	---	7.48270	2583.3469	141.528	256.97	459.13	2
22644	C20H38O2	7-methyl-4-nonadecenoic acid	---	7.48270	2583.3469	141.528	256.97	459.13	2
22645	C20H38O2	8-methyl-4-nonadecenoic acid	---	7.48270	2583.3469	141.528	256.97	459.13	2
22646	C20H38O2	9-methyl-4-nonadecenoic acid	---	7.48270	2583.3469	141.528	256.97	459.13	2
22647	C20H38O2	10-methyl-4-nonadecenoic acid	---	7.48270	2583.3469	141.528	256.97	459.13	2
22648	C20H38O2	11-methyl-4-nonadecenoic acid	---	7.48270	2583.3469	141.528	256.97	459.13	2
22649	C20H38O2	12-methyl-4-nonadecenoic acid	---	7.48270	2583.3469	141.528	256.97	459.13	2
22650	C20H38O2	13-methyl-4-nonadecenoic acid	---	7.48270	2583.3469	141.528	256.97	459.13	2
22651	C20H38O2	14-methyl-4-nonadecenoic acid	---	7.48270	2583.3469	141.528	256.97	459.13	2
22652	C20H38O2	15-methyl-4-nonadecenoic acid	---	7.48270	2583.3469	141.528	256.97	459.13	2
22653	C20H38O2	16-methyl-4-nonadecenoic acid	---	7.48270	2583.3469	141.528	256.97	459.13	2
22654	C20H38O2	17-methyl-4-nonadecenoic acid	---	7.48270	2583.3469	141.528	256.97	459.13	2
22655	C20H38O2	18-methyl-4-nonadecenoic acid	---	7.48270	2583.3469	141.528	256.97	459.13	2
22656	C20H38O2	2,3-dimethyl-2-octadecenoic acid	---	7.26231	2469.3672	143.752	250.57	461.42	2
22657	C20H38O2	2,4-dimethyl-2-octadecenoic acid	---	7.26231	2469.3672	143.752	250.57	461.42	2
22658	C20H38O2	2,5-dimethyl-2-octadecenoic acid	---	7.26231	2469.3672	143.752	250.57	461.42	2
22659	C20H38O2	2,6-dimethyl-2-octadecenoic acid	---	7.26231	2469.3672	143.752	250.57	461.42	2
22660	C20H38O2	2,7-dimethyl-2-octadecenoic acid	---	7.26231	2469.3672	143.752	250.57	461.42	2
22661	C20H38O2	2,8-dimethyl-2-octadecenoic acid	---	7.26231	2469.3672	143.752	250.57	461.42	2
22662	C20H38O2	2,9-dimethyl-2-octadecenoic acid	---	7.26231	2469.3672	143.752	250.57	461.42	2
22663	C20H38O2	2,10-dimethyl-2-octadecenoic acid	---	7.26231	2469.3672	143.752	250.57	461.42	2
22664	C20H38O2	2,11-dimethyl-2-octadecenoic acid	---	7.26231	2469.3672	143.752	250.57	461.42	2
22665	C20H38O2	2,12-dimethyl-2-octadecenoic acid	---	7.26231	2469.3672	143.752	250.57	461.42	2
22666	C20H38O2	2,13-dimethyl-2-octadecenoic acid	---	7.26231	2469.3672	143.752	250.57	461.42	2
22667	C20H38O2	2,14-dimethyl-2-octadecenoic acid	---	7.26231	2469.3672	143.752	250.57	461.42	2
22668	C20H38O2	2,15-dimethyl-2-octadecenoic acid	---	7.26231	2469.3672	143.752	250.57	461.42	2
22669	C20H38O2	2,16-dimethyl-2-octadecenoic acid	---	7.26231	2469.3672	143.752	250.57	461.42	2
22670	C20H38O2	2,17-dimethyl-2-octadecenoic acid	---	7.26231	2469.3672	143.752	250.57	461.42	2
22671	C20H38O2	2-ethyl-2-octadecenoic acid	---	7.37038	2525.2852	142.640	253.77	460.26	2
22672	C20H38O2	3-ethyl-2-octadecenoic acid	---	7.37038	2525.2852	142.640	253.77	460.26	2
22673	C20H38O2	4-ethyl-2-octadecenoic acid	---	7.37038	2525.2852	142.640	253.77	460.26	2
22674	C20H38O2	5-ethyl-2-octadecenoic acid	---	7.37038	2525.2852	142.640	253.77	460.26	2
22675	C20H38O2	6-ethyl-2-octadecenoic acid	---	7.37038	2525.2852	142.640	253.77	460.26	2
22676	C20H38O2	7-ethyl-2-octadecenoic acid	---	7.37038	2525.2852	142.640	253.77	460.26	2
22677	C20H38O2	8-ethyl-2-octadecenoic acid	---	7.37038	2525.2852	142.640	253.77	460.26	2
22678	C20H38O2	9-ethyl-2-octadecenoic acid	---	7.37038	2525.2852	142.640	253.77	460.26	2
22679	C20H38O2	10-ethyl-2-octadecenoic acid	---	7.37038	2525.2852	142.640	253.77	460.26	2
22680	C20H38O2	11-ethyl-2-octadecenoic acid	---	7.37038	2525.2852	142.640	253.77	460.26	2
22681	C20H38O2	12-ethyl-2-octadecenoic acid	---	7.37038	2525.2852	142.640	253.77	460.26	2
22682	C20H38O2	13-ethyl-2-octadecenoic acid	---	7.37038	2525.2852	142.640	253.77	460.26	2
22683	C20H38O2	14-ethyl-2-octadecenoic acid	---	7.37038	2525.2852	142.640	253.77	460.26	2
22684	C20H38O2	15-ethyl-2-octadecenoic acid	---	7.37038	2525.2852	142.640	253.77	460.26	2
22685	C20H38O2	16-ethyl-2-octadecenoic acid	---	7.37038	2525.2852	142.640	253.77	460.26	2
22686	C20H38O2	17-ethyl-2-octadecenoic acid	---	7.37038	2525.2852	142.640	253.77	460.26	2
22687	C20H39Br	1-bromo-1-eicosene	66455-60-5	7.46913	2454.2751	149.312	230.07	423.14	2
22688	C20H39Br	trans-1-bromo-1-eicosene	66455-61-6	7.46913	2454.2751	149.312	230.07	423.14	2
22689	C20H39Br	2-bromo-1-eicosene	---	7.58103	2513.8651	149.257	232.73	422.18	2
22690	C20H39Br	3-bromo-1-eicosene	---	7.58724	2516.9253	149.201	232.89	422.13	2
22691	C20H39Br	4-bromo-1-eicosene	---	7.59346	2519.9918	149.146	233.05	422.07	2
22692	C20H39Br	5-bromo-1-eicosene	---	7.59970	2523.0647	149.090	233.21	422.02	2
22693	C20H39Br	6-bromo-1-eicosene	---	7.60595	2526.1438	149.034	233.37	421.96	2
22694	C20H39Br	7-bromo-1-eicosene	---	7.61221	2529.2293	148.979	233.53	421.91	2
22695	C20H39Br	8-bromo-1-eicosene	---	7.61849	2532.3211	148.923	233.69	421.85	2
22696	C20H39Br	9-bromo-1-eicosene	---	7.62478	2535.4193	148.868	233.85	421.80	2
22697	C20H39Br	10-bromo-1-eicosene	---	7.63108	2538.5239	148.812	234.01	421.74	2
22698	C20H39Br	11-bromo-1-eicosene	---	7.63740	2541.6350	148.756	234.17	421.69	2
22699	C20H39Br	12-bromo-1-eicosene	---	7.64373	2544.7524	148.701	234.33	421.63	2
22700	C20H39Br	13-bromo-1-eicosene	---	7.65007	2547.8763	148.645	234.49	421.58	2
22701	C20H39Br	14-bromo-1-eicosene	---	7.65643	2551.0067	148.590	234.65	421.52	2
22702	C20H39Br	15-bromo-1-eicosene	---	7.66280	2554.1436	148.534	234.81	421.47	2
22703	C20H39Br	16-bromo-1-eicosene	---	7.66918	2557.2871	148.478	234.97	421.41	2
22704	C20H39Br	17-bromo-1-eicosene	---	7.67558	2560.4370	148.423	235.13	421.36	2
22705	C20H39Br	18-bromo-1-eicosene	---	7.68199	2563.5935	148.367	235.29	421.30	2
22706	C20H39Br	19-bromo-1-eicosene	---	7.68842	2566.7566	148.312	235.45	421.25	2
22707	C20H39Br	20-bromo-1-eicosene	---	7.69485	2569.9263	148.256	235.61	421.19	2
22708	C20H39Br	1-bromo-2-eicosene	---	7.70131	2573.1027	148.200	235.77	421.14	2
22709	C20H39Br	2-bromo-2-eicosene	---	7.70777	2576.2857	148.145	235.93	421.08	2
22710	C20H39Br	3-bromo-2-eicosene	---	7.71425	2579.4753	148.089	236.09	421.03	2
22711	C20H39Br	4-bromo-2-eicosene	---	7.72075	2582.6716	148.034	236.25	420.97	2
22712	C20H39Br	5-bromo-2-eicosene	---	7.72725	2585.8747	147.978	236.41	420.92	2
22713	C20H39Br	6-bromo-2-eicosene	---	7.73377	2589.0844	147.922	236.57	420.87	2
22714	C20H39Br	7-bromo-2-eicosene	---	7.74031	2592.3010	147.867	236.73	420.81	2
22715	C20H39Br	8-bromo-2-eicosene	---	7.74686	2595.5243	147.811	236.89	420.76	2
22716	C20H39Br	9-bromo-2-eicosene	---	7.75342	2598.7544	147.756	237.05	420.70	2
22717	C20H39Br	10-bromo-2-eicosene	---	7.76000	2601.9913	147.700	237.21	420.65	2
22718	C20H39Br	11-bromo-2-eicosene	---	7.76659	2605.2351	147.644	237.37	420.60	2
22719	C20H39Br	12-bromo-2-eicosene	---	7.77320	2608.4857	147.589	237.53	420.54	2
22720	C20H39Br	13-bromo-2-eicosene	---	7.77982	2611.7432	147.533	237.69	420.49	2

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mm Hg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
22721	C20H39Br	14-bromo-2-eicosene	---	7.78645	2615.0076	147.478	237.85	420.43	2
22722	C20H39Br	15-bromo-2-eicosene	---	7.79310	2618.2790	147.422	238.01	420.38	2
22723	C20H39Br	16-bromo-2-eicosene	---	7.79977	2621.5573	147.366	238.17	420.33	2
22724	C20H39Br	17-bromo-2-eicosene	---	7.80645	2624.8425	147.311	238.33	420.27	2
22725	C20H39Br	18-bromo-2-eicosene	---	7.81314	2628.1348	147.255	238.49	420.22	2
22726	C20H39Br	19-bromo-2-eicosene	---	7.81985	2631.4341	147.200	238.65	420.16	2
22727	C20H39Br	20-bromo-2-eicosene	---	7.82657	2634.7405	147.144	238.81	420.11	2
22728	C20H39Br3	1,1,1-tribromoeicosane	62127-76-8	7.93551	2815.8454	135.134	270.87	457.22	3
22729	C20H39Cl	1-chloro-1-eicosene	---	6.62759	2134.8855	149.590	229.77	469.98	3
22730	C20H39Cl	cis-1-chloro-1-eicosene	66455-62-7	6.62759	2134.8855	149.590	229.77	469.98	3
22731	C20H39Cl	trans-1-chloro-1-eicosene	66455-41-2	6.62759	2134.8855	149.590	229.77	469.98	3
22732	C20H39Cl	2-chloro-1-eicosene	---	6.63597	2139.2385	149.479	230.09	469.85	3
22733	C20H39Cl	3-chloro-1-eicosene	---	6.64016	2141.4203	149.424	230.25	469.78	3
22734	C20H39Cl	4-chloro-1-eicosene	---	6.64437	2143.6056	149.368	230.41	469.72	3
22735	C20H39Cl	5-chloro-1-eicosene	---	6.64858	2145.7946	149.312	230.57	469.65	3
22736	C20H39Cl	6-chloro-1-eicosene	---	6.65280	2147.9871	149.257	230.73	469.59	3
22737	C20H39Cl	7-chloro-1-eicosene	---	6.65702	2150.1832	149.201	230.89	469.53	3
22738	C20H39Cl	8-chloro-1-eicosene	---	6.66125	2152.3829	149.146	231.05	469.46	3
22739	C20H39Cl	9-chloro-1-eicosene	---	6.66549	2154.5862	149.090	231.21	469.40	3
22740	C20H39Cl	10-chloro-1-eicosene	---	6.66974	2156.7931	149.034	231.37	469.33	3
22741	C20H39Cl	11-chloro-1-eicosene	---	6.67399	2159.0037	148.979	231.53	469.27	3
22742	C20H39Cl	12-chloro-1-eicosene	---	6.67825	2161.2178	148.923	231.69	469.20	3
22743	C20H39Cl	13-chloro-1-eicosene	---	6.68252	2163.4357	148.868	231.85	469.14	3
22744	C20H39Cl	14-chloro-1-eicosene	---	6.68680	2165.6572	148.812	232.01	469.07	3
22745	C20H39Cl	15-chloro-1-eicosene	---	6.69108	2167.8823	148.756	232.17	469.01	3
22746	C20H39Cl	16-chloro-1-eicosene	---	6.69537	2170.1112	148.701	232.33	468.94	3
22747	C20H39Cl	17-chloro-1-eicosene	---	6.69967	2172.3437	148.645	232.49	468.88	3
22748	C20H39Cl	18-chloro-1-eicosene	---	6.70397	2174.5799	148.590	232.65	468.82	3
22749	C20H39Cl	19-chloro-1-eicosene	---	6.70829	2176.8198	148.534	232.81	468.75	3
22750	C20H39Cl	20-chloro-1-eicosene	---	6.71260	2179.0634	148.478	232.97	468.69	3
22751	C20H39Cl	1-chloro-2-eicosene	---	6.71693	2181.3108	148.423	233.13	468.62	3
22752	C20H39Cl	2-chloro-2-eicosene	---	6.72127	2183.5618	148.367	233.29	468.56	3
22753	C20H39Cl	3-chloro-2-eicosene	---	6.72561	2185.8166	148.312	233.45	468.49	3
22754	C20H39Cl	4-chloro-2-eicosene	---	6.72996	2188.0752	148.256	233.61	468.43	3
22755	C20H39Cl	5-chloro-2-eicosene	---	6.73431	2190.3375	148.200	233.77	468.37	3
22756	C20H39Cl	6-chloro-2-eicosene	---	6.73868	2192.6036	148.145	233.93	468.30	3
22757	C20H39Cl	7-chloro-2-eicosene	---	6.74305	2194.8735	148.089	234.09	468.24	3
22758	C20H39Cl	8-chloro-2-eicosene	---	6.74743	2197.1471	148.034	234.25	468.18	3
22759	C20H39Cl	9-chloro-2-eicosene	---	6.75182	2199.4246	147.978	234.41	468.11	3
22760	C20H39Cl	10-chloro-2-eicosene	---	6.75621	2201.7059	147.922	234.57	468.05	3
22761	C20H39Cl	11-chloro-2-eicosene	---	6.76061	2203.9910	147.867	234.73	467.99	3
22762	C20H39Cl	12-chloro-2-eicosene	---	6.76502	2206.2799	147.811	234.89	467.92	3
22763	C20H39Cl	13-chloro-2-eicosene	---	6.76944	2208.5726	147.756	235.05	467.86	3
22764	C20H39Cl	14-chloro-2-eicosene	---	6.77386	2210.8692	147.700	235.21	467.79	3
22765	C20H39Cl	15-chloro-2-eicosene	---	6.77830	2213.1697	147.644	235.37	467.73	3
22766	C20H39Cl	16-chloro-2-eicosene	---	6.78274	2215.4740	147.589	235.53	467.67	3
22767	C20H39Cl	17-chloro-2-eicosene	---	6.78718	2217.7822	147.533	235.69	467.61	3
22768	C20H39Cl	18-chloro-2-eicosene	---	6.79164	2220.0943	147.478	235.85	467.54	3
22769	C20H39Cl	19-chloro-2-eicosene	---	6.79610	2222.4103	147.422	236.01	467.48	3
22770	C20H39Cl	20-chloro-2-eicosene	---	6.80057	2224.7302	147.366	236.17	467.42	3
22771	C20H39Cl3	1,1,1-trichloroeicosane	62108-64-9	7.03315	2361.3057	142.918	248.47	470.20	3
22772	C20H39F	1-fluoro-1-eicosene	---	6.18303	1862.7424	161.822	197.57	458.85	3
22773	C20H39F	cis-1-fluoro-1-eicosene	66455-42-3	6.18303	1862.7424	161.822	197.57	458.85	3
22774	C20H39F	trans-1-fluoro-1-eicosene	66455-43-4	6.18303	1862.7424	161.822	197.57	458.85	3
22775	C20H39F	2-fluoro-1-eicosene	---	6.18658	1864.5573	161.767	197.73	458.77	3
22776	C20H39F	3-fluoro-1-eicosene	---	6.19013	1866.3749	161.711	197.89	458.70	3
22777	C20H39F	4-fluoro-1-eicosene	---	6.19368	1868.1953	161.656	198.05	458.63	3
22778	C20H39F	5-fluoro-1-eicosene	---	6.19724	1870.0184	161.600	198.21	458.56	3
22779	C20H39F	6-fluoro-1-eicosene	---	6.20081	1871.8442	161.544	198.37	458.48	3
22780	C20H39F	7-fluoro-1-eicosene	---	6.20438	1873.6729	161.489	198.53	458.41	3
22781	C20H39F	8-fluoro-1-eicosene	---	6.20795	1875.5042	161.433	198.69	458.34	3
22782	C20H39F	9-fluoro-1-eicosene	---	6.21154	1877.3384	161.378	198.85	458.27	3
22783	C20H39F	10-fluoro-1-eicosene	---	6.21512	1879.1753	161.322	199.01	458.20	3
22784	C20H39F	11-fluoro-1-eicosene	---	6.21872	1881.0151	161.266	199.17	458.13	3
22785	C20H39F	12-fluoro-1-eicosene	---	6.22232	1882.8576	161.211	199.33	458.05	3
22786	C20H39F	13-fluoro-1-eicosene	---	6.22592	1884.7029	161.155	199.49	457.98	3
22787	C20H39F	14-fluoro-1-eicosene	---	6.22953	1886.5510	161.100	199.65	457.91	3
22788	C20H39F	15-fluoro-1-eicosene	---	6.23315	1888.4020	161.044	199.81	457.84	3
22789	C20H39F	16-fluoro-1-eicosene	---	6.23677	1890.2557	160.988	199.97	457.77	3
22790	C20H39F	17-fluoro-1-eicosene	---	6.24040	1892.1123	160.933	200.13	457.70	3
22791	C20H39F	18-fluoro-1-eicosene	---	6.24403	1893.9717	160.877	200.29	457.63	3
22792	C20H39F	19-fluoro-1-eicosene	---	6.24767	1895.8340	160.822	200.45	457.55	3
22793	C20H39F	20-fluoro-1-eicosene	---	6.25132	1897.6991	160.766	200.61	457.48	3
22794	C20H39F	1-fluoro-2-eicosene	---	6.25497	1899.5671	160.710	200.77	457.41	3
22795	C20H39F	2-fluoro-2-eicosene	---	6.25862	1901.4379	160.655	200.93	457.34	3
22796	C20H39F	3-fluoro-2-eicosene	---	6.26229	1903.3116	160.599	201.09	457.27	3
22797	C20H39F	4-fluoro-2-eicosene	---	6.26595	1905.1881	160.544	201.25	457.20	3
22798	C20H39F	5-fluoro-2-eicosene	---	6.26963	1907.0676	160.488	201.41	457.13	3
22799	C20H39F	6-fluoro-2-eicosene	---	6.27331	1908.9499	160.432	201.57	457.06	3
22800	C20H39F	7-fluoro-2-eicosene	---	6.27699	1910.8351	160.377	201.73	456.99	3

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mm Hg}, T - C)$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
22801	C20H39F	8-fluoro-2-eicosene	---	6.28069	1912.7233	160.321	201.89	456.92	3
22802	C20H39F	9-fluoro-2-eicosene	---	6.28438	1914.6143	160.266	202.05	456.85	3
22803	C20H39F	10-fluoro-2-eicosene	---	6.28809	1916.5083	160.210	202.21	456.78	3
22804	C20H39F	11-fluoro-2-eicosene	---	6.29180	1918.4051	160.154	202.37	456.71	3
22805	C20H39F	12-fluoro-2-eicosene	---	6.29551	1920.3049	160.099	202.53	456.64	3
22806	C20H39F	13-fluoro-2-eicosene	---	6.29923	1922.2077	160.043	202.69	456.56	3
22807	C20H39F	14-fluoro-2-eicosene	---	6.30296	1924.1134	159.988	202.85	456.49	3
22808	C20H39F	15-fluoro-2-eicosene	---	6.30670	1926.0220	159.932	203.01	456.42	3
22809	C20H39F	16-fluoro-2-eicosene	---	6.31043	1927.9336	159.876	203.17	456.35	3
22810	C20H39F	17-fluoro-2-eicosene	---	6.31418	1929.8482	159.821	203.33	456.28	3
22811	C20H39F	18-fluoro-2-eicosene	---	6.31793	1931.7657	159.765	203.49	456.21	3
22812	C20H39F	19-fluoro-2-eicosene	---	6.32169	1933.6862	159.710	203.65	456.14	3
22813	C20H39F	20-fluoro-2-eicosene	---	6.32545	1935.6097	159.654	203.81	456.07	3
22814	C20H39F3	1,1,1-trifluoro-eicosane	62126-86-7	6.81017	2077.4970	165.992	191.57	406.59	3
22815	C20H39I	1-iodo-1-eicosene	---	8.78231	3040.3009	145.698	244.97	397.17	3
22816	C20H39I	cis-1-iodo-1-eicosene	66455-45-6	8.78231	3040.3009	145.698	244.97	397.17	3
22817	C20H39I	trans-1-iodo-1-eicosene	66455-44-5	8.78231	3040.3009	145.698	244.97	397.17	3
22818	C20H39I	2-iodo-1-eicosene	---	8.78689	3042.4980	145.671	245.05	397.14	3
22819	C20H39I	3-iodo-1-eicosene	---	8.79148	3044.6979	145.643	245.13	397.12	3
22820	C20H39I	4-iodo-1-eicosene	---	8.79608	3046.9005	145.615	245.21	397.10	3
22821	C20H39I	5-iodo-1-eicosene	---	8.80068	3049.1059	145.587	245.29	397.07	3
22822	C20H39I	6-iodo-1-eicosene	---	8.80528	3051.3142	145.559	245.37	397.05	3
22823	C20H39I	7-iodo-1-eicosene	---	8.80990	3053.5252	145.532	245.45	397.02	3
22824	C20H39I	8-iodo-1-eicosene	---	8.81452	3055.7391	145.504	245.53	397.00	3
22825	C20H39I	9-iodo-1-eicosene	---	8.81914	3057.9557	145.476	245.61	396.97	3
22826	C20H39I	10-iodo-1-eicosene	---	8.82377	3060.1752	145.448	245.69	396.95	3
22827	C20H39I	11-iodo-1-eicosene	---	8.82841	3062.3975	145.420	245.77	396.93	3
22828	C20H39I	12-iodo-1-eicosene	---	8.83305	3064.6227	145.393	245.85	396.90	3
22829	C20H39I	13-iodo-1-eicosene	---	8.83770	3066.8507	145.365	245.93	396.88	3
22830	C20H39I	14-iodo-1-eicosene	---	8.84236	3069.0815	145.337	246.01	396.85	3
22831	C20H39I	15-iodo-1-eicosene	---	8.84702	3071.3152	145.309	246.09	396.83	3
22832	C20H39I	16-iodo-1-eicosene	---	8.85168	3073.5517	145.281	246.17	396.81	3
22833	C20H39I	17-iodo-1-eicosene	---	8.85636	3075.7911	145.254	246.25	396.78	3
22834	C20H39I	18-iodo-1-eicosene	---	8.86104	3078.0333	145.226	246.33	396.76	3
22835	C20H39I	19-iodo-1-eicosene	---	8.86572	3080.2784	145.198	246.41	396.73	3
22836	C20H39I	20-iodo-1-eicosene	---	8.87041	3082.5264	145.170	246.49	396.71	3
22837	C20H39I	1-iodo-2-eicosene	---	8.87511	3084.7773	145.142	246.57	396.69	3
22838	C20H39I	2-iodo-2-eicosene	---	8.87981	3087.0311	145.115	246.65	396.66	3
22839	C20H39I	3-iodo-2-eicosene	---	8.88452	3089.2878	145.087	246.73	396.64	3
22840	C20H39I	4-iodo-2-eicosene	---	8.88924	3091.5473	145.059	246.81	396.62	3
22841	C20H39I	5-iodo-2-eicosene	---	8.89396	3093.8098	145.031	246.89	396.59	3
22842	C20H39I	6-iodo-2-eicosene	---	8.89869	3096.0752	145.003	246.97	396.57	3
22843	C20H39I	7-iodo-2-eicosene	---	8.90342	3098.3435	144.976	247.05	396.54	3
22844	C20H39I	8-iodo-2-eicosene	---	8.90816	3100.6147	144.948	247.13	396.52	3
22845	C20H39I	9-iodo-2-eicosene	---	8.91291	3102.8888	144.920	247.21	396.50	3
22846	C20H39I	10-iodo-2-eicosene	---	8.91766	3105.1659	144.892	247.29	396.47	3
22847	C20H39I	11-iodo-2-eicosene	---	8.92242	3107.4459	144.864	247.37	396.45	3
22848	C20H39I	12-iodo-2-eicosene	---	8.92719	3109.7289	144.837	247.45	396.42	3
22849	C20H39I	13-iodo-2-eicosene	---	8.93196	3112.0148	144.809	247.53	396.40	3
22850	C20H39I	14-iodo-2-eicosene	---	8.93674	3114.3036	144.781	247.61	396.38	3
22851	C20H39I	15-iodo-2-eicosene	---	8.94152	3116.5955	144.753	247.69	396.35	3
22852	C20H39I	16-iodo-2-eicosene	---	8.94631	3118.8903	144.725	247.77	396.33	3
22853	C20H39I	17-iodo-2-eicosene	---	8.95111	3121.1880	144.698	247.85	396.31	3
22854	C20H39I	18-iodo-2-eicosene	---	8.95591	3123.4888	144.670	247.93	396.28	3
22855	C20H39I	19-iodo-2-eicosene	---	8.96072	3125.7925	144.642	248.01	396.26	3
22856	C20H39I	20-iodo-2-eicosene	---	8.96554	3128.0993	144.614	248.09	396.23	3
22857	C20H39N	eicosanenitrile	4616-73-3	6.98038	2251.1730	148.756	227.67	443.89	2
22858	C20H40	pentadecylcyclopentane	4669-01-6	7.82153	2453.0216	158.250	201.35	370.45	2
22859	C20H40	tetradecylcyclohexane	1795-18-2	7.56415	2212.1691	134.499	202.51	370.30	1,2
22860	C20H40	cycloeicosane	296-56-0	6.45210	1896.7855	172.880	175.02	407.13	3
22861	C20H40	1-eicosene	3452-07-1	7.49806	2314.8754	160.304	195.94	376.02	1,2
22862	C20H40	2-eicosene	---	8.36266	2692.5271	157.930	207.77	361.78	2
22863	C20H40	trans-2-eicosene	42448-85-1	8.36266	2692.5271	157.930	207.77	361.78	2
22864	C20H40	3-eicosene	---	7.53734	2315.6320	164.046	190.17	367.61	2
22865	C20H40	4-eicosene	---	7.57042	2330.7809	163.768	190.97	367.33	2
22866	C20H40	5-eicosene	---	7.60388	2346.0973	163.490	191.77	367.06	2
22867	C20H40	6-eicosene	---	7.63772	2361.5840	163.212	192.57	366.78	2
22868	C20H40	7-eicosene	---	7.67195	2377.2439	162.934	193.37	366.51	2
22869	C20H40	8-eicosene	---	7.70657	2393.0802	162.656	194.17	366.23	2
22870	C20H40	9-eicosene	---	7.74159	2409.0957	162.378	194.97	365.96	2
22871	C20H40	10-eicosene	---	7.77702	2425.2936	162.100	195.77	365.69	2
22872	C20H40	2-methyl-1-nonadecene	52254-50-9	7.33075	2257.2831	174.020	182.54	370.05	2
22873	C20H40	3-methyl-1-nonadecene	---	7.53734	2315.6320	164.046	190.17	367.61	2
22874	C20H40	4-methyl-1-nonadecene	---	7.53734	2315.6320	164.046	190.17	367.61	2
22875	C20H40	5-methyl-1-nonadecene	---	7.53734	2315.6320	164.046	190.17	367.61	2
22876	C20H40	6-methyl-1-nonadecene	---	7.53734	2315.6320	164.046	190.17	367.61	2
22877	C20H40	7-methyl-1-nonadecene	---	7.53734	2315.6320	164.046	190.17	367.61	2
22878	C20H40	8-methyl-1-nonadecene	---	7.53734	2315.6320	164.046	190.17	367.61	2
22879	C20H40	9-methyl-1-nonadecene	---	7.53734	2315.6320	164.046	190.17	367.61	2
22880	C20H40	10-methyl-1-nonadecene	---	7.53734	2315.6320	164.046	190.17	367.61	2

Table 1 Vapor Pressure – Organic Compounds

				log ₁₀ P = A - B/(T + C)	(P - mm Hg, T - C)				
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
22881	C20H40	11-methyl-1-nonadecene	---	7.53734	2315.6320	164.046	190.17	367.61	2
22882	C20H40	12-methyl-1-nonadecene	---	7.53734	2315.6320	164.046	190.17	367.61	2
22883	C20H40	13-methyl-1-nonadecene	---	7.53734	2315.6320	164.046	190.17	367.61	2
22884	C20H40	14-methyl-1-nonadecene	---	7.53734	2315.6320	164.046	190.17	367.61	2
22885	C20H40	15-methyl-1-nonadecene	---	7.53734	2315.6320	164.046	190.17	367.61	2
22886	C20H40	16-methyl-1-nonadecene	---	7.53734	2315.6320	164.046	190.17	367.61	2
22887	C20H40	17-methyl-1-nonadecene	---	7.53734	2315.6320	164.046	190.17	367.61	2
22888	C20H40	18-methyl-1-nonadecene	---	7.53734	2315.6320	164.046	190.17	367.61	2
22889	C20H40	3-methyl-2-nonadecene	---	7.53734	2315.6320	164.046	190.17	367.61	2
22890	C20H40	4-methyl-2-nonadecene	---	7.53734	2315.6320	164.046	190.17	367.61	2
22891	C20H40	5-methyl-2-nonadecene	---	7.53734	2315.6320	164.046	190.17	367.61	2
22892	C20H40	6-methyl-2-nonadecene	---	7.53734	2315.6320	164.046	190.17	367.61	2
22893	C20H40	7-methyl-2-nonadecene	---	7.53734	2315.6320	164.046	190.17	367.61	2
22894	C20H40	8-methyl-2-nonadecene	---	7.53734	2315.6320	164.046	190.17	367.61	2
22895	C20H40	9-methyl-2-nonadecene	---	7.53734	2315.6320	164.046	190.17	367.61	2
22896	C20H40	10-methyl-2-nonadecene	---	7.53734	2315.6320	164.046	190.17	367.61	2
22897	C20H40	11-methyl-2-nonadecene	---	7.53734	2315.6320	164.046	190.17	367.61	2
22898	C20H40	12-methyl-2-nonadecene	---	7.53734	2315.6320	164.046	190.17	367.61	2
22899	C20H40	13-methyl-2-nonadecene	---	7.53734	2315.6320	164.046	190.17	367.61	2
22900	C20H40	14-methyl-2-nonadecene	---	7.53734	2315.6320	164.046	190.17	367.61	2
22901	C20H40	15-methyl-2-nonadecene	---	7.53734	2315.6320	164.046	190.17	367.61	2
22902	C20H40	16-methyl-2-nonadecene	---	7.53734	2315.6320	164.046	190.17	367.61	2
22903	C20H40	17-methyl-2-nonadecene	---	7.53734	2315.6320	164.046	190.17	367.61	2
22904	C20H40	18-methyl-2-nonadecene	---	7.53734	2315.6320	164.046	190.17	367.61	2
22905	C20H40	4-methyl-3-nonadecene	---	7.53734	2315.6320	164.046	190.17	367.61	2
22906	C20H40	5-methyl-3-nonadecene	---	7.53734	2315.6320	164.046	190.17	367.61	2
22907	C20H40	6-methyl-3-nonadecene	---	7.53734	2315.6320	164.046	190.17	367.61	2
22908	C20H40	7-methyl-3-nonadecene	---	7.53734	2315.6320	164.046	190.17	367.61	2
22909	C20H40	8-methyl-3-nonadecene	---	7.53734	2315.6320	164.046	190.17	367.61	2
22910	C20H40	9-methyl-3-nonadecene	---	7.53734	2315.6320	164.046	190.17	367.61	2
22911	C20H40	10-methyl-3-nonadecene	---	7.53734	2315.6320	164.046	190.17	367.61	2
22912	C20H40	11-methyl-3-nonadecene	---	7.53734	2315.6320	164.046	190.17	367.61	2
22913	C20H40	12-methyl-3-nonadecene	---	7.53734	2315.6320	164.046	190.17	367.61	2
22914	C20H40	13-methyl-3-nonadecene	---	7.53734	2315.6320	164.046	190.17	367.61	2
22915	C20H40	14-methyl-3-nonadecene	---	7.53734	2315.6320	164.046	190.17	367.61	2
22916	C20H40	15-methyl-3-nonadecene	---	7.53734	2315.6320	164.046	190.17	367.61	2
22917	C20H40	16-methyl-3-nonadecene	---	7.53734	2315.6320	164.046	190.17	367.61	2
22918	C20H40	17-methyl-3-nonadecene	---	7.53734	2315.6320	164.046	190.17	367.61	2
22919	C20H40	18-methyl-3-nonadecene	---	7.53734	2315.6320	164.046	190.17	367.61	2
22920	C20H40	2,3-dimethyl-1-octadecene	---	7.31572	2214.0517	165.992	184.57	369.60	2
22921	C20H40	3,3-dimethyl-1-octadecene	---	7.31572	2214.0517	165.992	184.57	369.60	2
22922	C20H40	3,4-dimethyl-1-octadecene	---	7.31572	2214.0517	165.992	184.57	369.60	2
22923	C20H40	3,5-dimethyl-1-octadecene	---	7.31572	2214.0517	165.992	184.57	369.60	2
22924	C20H40	3,6-dimethyl-1-octadecene	---	7.31572	2214.0517	165.992	184.57	369.60	2
22925	C20H40	3,7-dimethyl-1-octadecene	---	7.31572	2214.0517	165.992	184.57	369.60	2
22926	C20H40	3,8-dimethyl-1-octadecene	---	7.31572	2214.0517	165.992	184.57	369.60	2
22927	C20H40	3,9-dimethyl-1-octadecene	---	7.31572	2214.0517	165.992	184.57	369.60	2
22928	C20H40	3,10-dimethyl-1-octadecene	---	7.31572	2214.0517	165.992	184.57	369.60	2
22929	C20H40	3,11-dimethyl-1-octadecene	---	7.31572	2214.0517	165.992	184.57	369.60	2
22930	C20H40	3,12-dimethyl-1-octadecene	---	7.31572	2214.0517	165.992	184.57	369.60	2
22931	C20H40	3,13-dimethyl-1-octadecene	---	7.31572	2214.0517	165.992	184.57	369.60	2
22932	C20H40	3,14-dimethyl-1-octadecene	---	7.31572	2214.0517	165.992	184.57	369.60	2
22933	C20H40	3,15-dimethyl-1-octadecene	---	7.31572	2214.0517	165.992	184.57	369.60	2
22934	C20H40	3,16-dimethyl-1-octadecene	---	7.31572	2214.0517	165.992	184.57	369.60	2
22935	C20H40	3,17-dimethyl-1-octadecene	---	7.31572	2214.0517	165.992	184.57	369.60	2
22936	C20H40	3,4-dimethyl-2-octadecene	---	7.31572	2214.0517	165.992	184.57	369.60	2
22937	C20H40	4,4-dimethyl-2-octadecene	---	7.31572	2214.0517	165.992	184.57	369.60	2
22938	C20H40	4,5-dimethyl-2-octadecene	---	7.31572	2214.0517	165.992	184.57	369.60	2
22939	C20H40	4,6-dimethyl-2-octadecene	---	7.31572	2214.0517	165.992	184.57	369.60	2
22940	C20H40	4,7-dimethyl-2-octadecene	---	7.31572	2214.0517	165.992	184.57	369.60	2
22941	C20H40	4,8-dimethyl-2-octadecene	---	7.31572	2214.0517	165.992	184.57	369.60	2
22942	C20H40	4,9-dimethyl-2-octadecene	---	7.31572	2214.0517	165.992	184.57	369.60	2
22943	C20H40	4,10-dimethyl-2-octadecene	---	7.31572	2214.0517	165.992	184.57	369.60	2
22944	C20H40	4,11-dimethyl-2-octadecene	---	7.31572	2214.0517	165.992	184.57	369.60	2
22945	C20H40	4,12-dimethyl-2-octadecene	---	7.31572	2214.0517	165.992	184.57	369.60	2
22946	C20H40	4,13-dimethyl-2-octadecene	---	7.31572	2214.0517	165.992	184.57	369.60	2
22947	C20H40	4,14-dimethyl-2-octadecene	---	7.31572	2214.0517	165.992	184.57	369.60	2
22948	C20H40	4,15-dimethyl-2-octadecene	---	7.31572	2214.0517	165.992	184.57	369.60	2
22949	C20H40	4,16-dimethyl-2-octadecene	---	7.31572	2214.0517	165.992	184.57	369.60	2
22950	C20H40	4,17-dimethyl-2-octadecene	---	7.31572	2214.0517	165.992	184.57	369.60	2
22951	C20H40	2-ethyl-1-octadecene	---	7.53734	2315.6320	164.046	190.17	367.61	2
22952	C20H40	3-ethyl-1-octadecene	---	7.53734	2315.6320	164.046	190.17	367.61	2
22953	C20H40	4-ethyl-1-octadecene	---	7.53734	2315.6320	164.046	190.17	367.61	2
22954	C20H40	5-ethyl-1-octadecene	---	7.53734	2315.6320	164.046	190.17	367.61	2
22955	C20H40	6-ethyl-1-octadecene	---	7.53734	2315.6320	164.046	190.17	367.61	2
22956	C20H40	7-ethyl-1-octadecene	---	7.53734	2315.6320	164.046	190.17	367.61	2
22957	C20H40	8-ethyl-1-octadecene	---	7.53734	2315.6320	164.046	190.17	367.61	2
22958	C20H40	9-ethyl-1-octadecene	---	7.53734	2315.6320	164.046	190.17	367.61	2
22959	C20H40	10-ethyl-1-octadecene	---	7.53734	2315.6320	164.046	190.17	367.61	2
22960	C20H40	11-ethyl-1-octadecene	---	7.53734	2315.6320	164.046	190.17	367.61	2

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mm Hg}, T - C)$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
22961	C20H40	12-ethyl-1-octadecene	---	7.53734	2315.6320	164.046	190.17	367.61	2
22962	C20H40	13-ethyl-1-octadecene	---	7.53734	2315.6320	164.046	190.17	367.61	2
22963	C20H40	14-ethyl-1-octadecene	---	7.53734	2315.6320	164.046	190.17	367.61	2
22964	C20H40	15-ethyl-1-octadecene	---	7.53734	2315.6320	164.046	190.17	367.61	2
22965	C20H40	16-ethyl-1-octadecene	---	7.53734	2315.6320	164.046	190.17	367.61	2
22966	C20H40	17-ethyl-1-octadecene	---	7.53734	2315.6320	164.046	190.17	367.61	2
22967	C20H40Br2	1,1-dibromoeicosane	62168-37-0	7.81894	2714.3783	140.694	257.37	444.67	3
22968	C20H40Br2	1,2-dibromoeicosane	---	7.85165	2730.9735	140.416	258.17	444.40	3
22969	C20H40Br2	1,3-dibromoeicosane	---	7.88470	2747.7419	140.138	258.97	444.13	3
22970	C20H40Br2	1,4-dibromoeicosane	---	7.91811	2764.6866	139.860	259.77	443.87	3
22971	C20H40Br2	1,5-dibromoeicosane	---	7.95188	2781.8102	139.582	260.57	443.60	3
22972	C20H40Br2	1,6-dibromoeicosane	---	7.98601	2799.1157	139.304	261.37	443.34	3
22973	C20H40Br2	1,7-dibromoeicosane	---	8.02052	2816.6062	139.026	262.17	443.08	3
22974	C20H40Br2	1,8-dibromoeicosane	---	8.05540	2834.2845	138.748	262.97	442.82	3
22975	C20H40Br2	1,9-dibromoeicosane	---	8.09067	2852.1539	138.470	263.77	442.56	3
22976	C20H40Br2	1,10-dibromoeicosane	---	8.12633	2870.2174	138.192	264.57	442.30	3
22977	C20H40Br2	1,11-dibromoeicosane	---	8.16239	2888.4785	137.914	265.37	442.04	3
22978	C20H40Br2	1,12-dibromoeicosane	---	8.19885	2906.9402	137.636	266.17	441.78	3
22979	C20H40Br2	1,13-dibromoeicosane	---	8.23572	2925.6062	137.358	266.97	441.53	3
22980	C20H40Br2	1,14-dibromoeicosane	---	8.27301	2944.4797	137.080	267.77	441.27	3
22981	C20H40Br2	1,15-dibromoeicosane	---	8.31072	2963.5645	136.802	268.57	441.02	3
22982	C20H40Br2	1,16-dibromoeicosane	---	8.34887	2982.8640	136.524	269.37	440.76	3
22983	C20H40Br2	1,17-dibromoeicosane	---	8.38745	3002.3821	136.246	270.17	440.51	3
22984	C20H40Br2	1,18-dibromoeicosane	---	8.42649	3022.1225	135.968	270.97	440.26	3
22985	C20H40Br2	1,19-dibromoeicosane	---	8.46598	3042.0890	135.690	271.77	440.01	3
22986	C20H40Br2	1,20-dibromoeicosane	---	8.50593	3062.2858	135.412	272.57	439.76	3
22987	C20H40Br2	2,2-dibromoeicosane	---	7.50993	2557.3885	143.474	249.37	447.41	3
22988	C20H40Br2	2,3-dibromoeicosane	---	7.53943	2572.3912	143.196	250.17	447.13	3
22989	C20H40Br2	2,4-dibromoeicosane	---	7.56923	2587.5424	142.918	250.97	446.85	3
22990	C20H40Br2	2,5-dibromoeicosane	---	7.59933	2602.8443	142.640	251.77	446.57	3
22991	C20H40Br2	2,6-dibromoeicosane	---	7.62974	2618.2992	142.362	252.57	446.30	3
22992	C20H40Br2	2,7-dibromoeicosane	---	7.66047	2633.9095	142.084	253.37	446.02	3
22993	C20H40Br2	2,8-dibromoeicosane	---	7.69151	2649.6777	141.806	254.17	445.75	3
22994	C20H40Br2	2,9-dibromoeicosane	---	7.72287	2665.6061	141.528	254.97	445.48	3
22995	C20H40Br2	2,10-dibromoeicosane	---	7.75456	2681.6973	141.250	255.77	445.21	3
22996	C20H40Br2	2,11-dibromoeicosane	---	7.78658	2697.9538	140.972	256.57	444.94	3
22997	C20H40Br2	2,12-dibromoeicosane	---	7.81894	2714.3783	140.694	257.37	444.67	3
22998	C20H40Br2	2,13-dibromoeicosane	---	7.85165	2730.9735	140.416	258.17	444.40	3
22999	C20H40Br2	2,14-dibromoeicosane	---	7.88470	2747.7419	140.138	258.97	444.13	3
23000	C20H40Br2	2,15-dibromoeicosane	---	7.91811	2764.6866	139.860	259.77	443.87	3
23001	C20H40Br2	2,16-dibromoeicosane	---	7.95188	2781.8102	139.582	260.57	443.60	3
23002	C20H40Br2	2,17-dibromoeicosane	---	7.98601	2799.1157	139.304	261.37	443.34	3
23003	C20H40Br2	2,18-dibromoeicosane	---	8.02052	2816.6062	139.026	262.17	443.08	3
23004	C20H40Br2	2,19-dibromoeicosane	---	8.05540	2834.2845	138.748	262.97	442.82	3
23005	C20H40Cl2	1,1-dichloroeicosane	62017-22-5	6.88342	2300.7595	147.088	243.97	474.47	3
23006	C20H40Cl2	1,2-dichloroeicosane	---	6.74917	2222.5152	146.810	239.77	476.21	3
23007	C20H40Cl2	1,3-dichloroeicosane	---	6.77095	2233.9477	146.532	240.57	475.89	3
23008	C20H40Cl2	1,4-dichloroeicosane	---	6.79292	2245.4755	146.254	241.37	475.58	3
23009	C20H40Cl2	1,5-dichloroeicosane	---	6.81507	2257.0997	145.976	242.17	475.26	3
23010	C20H40Cl2	1,6-dichloroeicosane	---	6.83742	2268.8216	145.698	242.97	474.95	3
23011	C20H40Cl2	1,7-dichloroeicosane	---	6.85997	2280.6426	145.420	243.77	474.64	3
23012	C20H40Cl2	1,8-dichloroeicosane	---	6.88271	2292.5638	145.142	244.57	474.32	3
23013	C20H40Cl2	1,9-dichloroeicosane	---	6.90565	2304.5866	144.864	245.37	474.02	3
23014	C20H40Cl2	1,10-dichloroeicosane	---	6.92879	2316.7123	144.586	246.17	473.71	3
23015	C20H40Cl2	1,11-dichloroeicosane	---	6.95214	2328.9424	144.308	246.97	473.40	3
23016	C20H40Cl2	1,12-dichloroeicosane	---	6.97569	2341.2781	144.030	247.77	473.09	3
23017	C20H40Cl2	1,13-dichloroeicosane	---	6.99946	2353.7210	143.752	248.57	472.79	3
23018	C20H40Cl2	1,14-dichloroeicosane	---	7.02344	2366.2725	143.474	249.37	472.49	3
23019	C20H40Cl2	1,15-dichloroeicosane	---	7.04763	2378.9339	143.196	250.17	472.19	3
23020	C20H40Cl2	1,16-dichloroeicosane	---	7.07204	2391.7069	142.918	250.97	471.88	3
23021	C20H40Cl2	1,17-dichloroeicosane	---	7.09668	2404.5930	142.640	251.77	471.59	3
23022	C20H40Cl2	1,18-dichloroeicosane	---	7.12154	2417.5936	142.362	252.57	471.29	3
23023	C20H40Cl2	1,19-dichloroeicosane	---	7.14663	2430.7104	142.084	253.37	470.99	3
23024	C20H40Cl2	1,20-dichloroeicosane	---	7.17195	2443.9450	141.806	254.17	470.70	3
23025	C20H40Cl2	2,2-dichloroeicosane	---	6.52127	2102.7101	149.868	230.97	479.79	3
23026	C20H40Cl2	2,3-dichloroeicosane	---	6.54114	2113.1708	149.590	231.77	479.46	3
23027	C20H40Cl2	2,4-dichloroeicosane	---	6.56118	2123.7144	149.312	232.57	479.13	3
23028	C20H40Cl2	2,5-dichloroeicosane	---	6.58138	2134.3420	149.034	233.37	478.80	3
23029	C20H40Cl2	2,6-dichloroeicosane	---	6.60174	2145.0546	148.756	234.17	478.47	3
23030	C20H40Cl2	2,7-dichloroeicosane	---	6.62228	2155.8534	148.478	234.97	478.14	3
23031	C20H40Cl2	2,8-dichloroeicosane	---	6.64299	2166.7393	148.200	235.77	477.82	3
23032	C20H40Cl2	2,9-dichloroeicosane	---	6.66387	2177.7134	147.922	236.57	477.49	3
23033	C20H40Cl2	2,10-dichloroeicosane	---	6.68492	2188.7770	147.644	237.37	477.17	3
23034	C20H40Cl2	2,11-dichloroeicosane	---	6.70616	2199.9310	147.366	238.17	476.85	3
23035	C20H40Cl2	2,12-dichloroeicosane	---	6.72757	2211.1767	147.088	238.97	476.53	3
23036	C20H40Cl2	2,13-dichloroeicosane	---	6.74917	2222.5152	146.810	239.77	476.21	3
23037	C20H40Cl2	2,14-dichloroeicosane	---	6.77095	2233.9477	146.532	240.57	475.89	3
23038	C20H40Cl2	2,15-dichloroeicosane	---	6.79292	2245.4755	146.254	241.37	475.58	3
23039	C20H40Cl2	2,16-dichloroeicosane	---	6.81507	2257.0997	145.976	242.17	475.26	3
23040	C20H40Cl2	2,17-dichloroeicosane	---	6.83742	2268.8216	145.698	242.97	474.95	3

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mm Hg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
23041	C20H40Cl2	2,18-dichloroeicosane	---	6.85997	2280.6426	145.420	243.77	474.64	3
23042	C20H40Cl2	2,19-dichloroeicosane	---	6.88271	2292.5638	145.142	244.57	474.32	3
23043	C20H40F2	1,1-difluoroicosane	62127-09-7	6.17787	1857.2742	164.324	194.37	455.59	3
23044	C20H40F2	1,2-difluoroicosane	---	6.19563	1866.3561	164.046	195.17	455.23	3
23045	C20H40F2	1,3-difluoroicosane	---	6.21353	1875.5068	163.768	195.97	454.87	3
23046	C20H40F2	1,4-difluoroicosane	---	6.23157	1884.7273	163.490	196.77	454.51	3
23047	C20H40F2	1,5-difluoroicosane	---	6.24975	1894.0183	163.212	197.57	454.15	3
23048	C20H40F2	1,6-difluoroicosane	---	6.26808	1903.3807	162.934	198.37	453.80	3
23049	C20H40F2	1,7-difluoroicosane	---	6.28656	1912.8153	162.656	199.17	453.44	3
23050	C20H40F2	1,8-difluoroicosane	---	6.30518	1922.3230	162.378	199.97	453.09	3
23051	C20H40F2	1,9-difluoroicosane	---	6.32395	1931.9048	162.100	200.77	452.74	3
23052	C20H40F2	1,10-difluoroicosane	---	6.34288	1941.5614	161.822	201.57	452.39	3
23053	C20H40F2	1,11-difluoroicosane	---	6.36196	1951.2938	161.544	202.37	452.05	3
23054	C20H40F2	1,12-difluoroicosane	---	6.38120	1961.1029	161.266	203.17	451.70	3
23055	C20H40F2	1,13-difluoroicosane	---	6.40059	1970.9898	160.988	203.97	451.36	3
23056	C20H40F2	1,14-difluoroicosane	---	6.42014	1980.9552	160.710	204.77	451.02	3
23057	C20H40F2	1,15-difluoroicosane	---	6.43986	1991.0003	160.432	205.57	450.68	3
23058	C20H40F2	1,16-difluoroicosane	---	6.45974	2001.1260	160.154	206.37	450.34	3
23059	C20H40F2	1,17-difluoroicosane	---	6.47978	2011.3333	159.876	207.17	450.00	3
23060	C20H40F2	1,18-difluoroicosane	---	6.49999	2021.6233	159.598	207.97	449.66	3
23061	C20H40F2	1,19-difluoroicosane	---	6.52038	2031.9969	159.320	208.77	449.33	3
23062	C20H40F2	1,20-difluoroicosane	---	6.54093	2042.4553	159.042	209.57	449.00	3
23063	C20H40F2	2,2-difluoroicosane	---	6.00764	1770.0730	167.104	186.37	459.29	3
23064	C20H40F2	2,3-difluoroicosane	---	6.02409	1778.5083	166.826	187.17	458.91	3
23065	C20H40F2	2,4-difluoroicosane	---	6.04066	1787.0050	166.548	187.97	458.54	3
23066	C20H40F2	2,5-difluoroicosane	---	6.05735	1795.5638	166.270	188.77	458.16	3
23067	C20H40F2	2,6-difluoroicosane	---	6.07417	1804.1853	165.992	189.57	457.79	3
23068	C20H40F2	2,7-difluoroicosane	---	6.09113	1812.8703	165.714	190.37	457.42	3
23069	C20H40F2	2,8-difluoroicosane	---	6.10821	1821.6196	165.436	191.17	457.05	3
23070	C20H40F2	2,9-difluoroicosane	---	6.12542	1830.4339	165.158	191.97	456.68	3
23071	C20H40F2	2,10-difluoroicosane	---	6.14277	1839.3139	164.880	192.77	456.31	3
23072	C20H40F2	2,11-difluoroicosane	---	6.16025	1848.2604	164.602	193.57	455.95	3
23073	C20H40F2	2,12-difluoroicosane	---	6.17787	1857.2742	164.324	194.37	455.59	3
23074	C20H40F2	2,13-difluoroicosane	---	6.19563	1866.3561	164.046	195.17	455.23	3
23075	C20H40F2	2,14-difluoroicosane	---	6.21353	1875.5068	163.768	195.97	454.87	3
23076	C20H40F2	2,15-difluoroicosane	---	6.23157	1884.7273	163.490	196.77	454.51	3
23077	C20H40F2	2,16-difluoroicosane	---	6.24975	1894.0183	163.212	197.57	454.15	3
23078	C20H40F2	2,17-difluoroicosane	---	6.26808	1903.3807	162.934	198.37	453.80	3
23079	C20H40F2	2,18-difluoroicosane	---	6.28656	1912.8153	162.656	199.17	453.44	3
23080	C20H40F2	2,19-difluoroicosane	---	6.30518	1922.3230	162.378	199.97	453.09	3
23081	C20H40I2	1,1-diiodoeicosane	66455-47-8	10.15174	4131.1084	114.952	336.45	477.76	3
23082	C20H40I2	1,2-diiodoeicosane	---	10.21036	4162.3795	114.674	337.25	477.54	3
23083	C20H40I2	1,3-diiodoeicosane	---	10.26980	4194.0804	114.396	338.05	477.32	3
23084	C20H40I2	1,4-diiodoeicosane	---	10.33007	4226.2199	114.118	338.85	477.11	3
23085	C20H40I2	1,5-diiodoeicosane	---	10.39119	4258.8075	113.840	339.65	476.89	3
23086	C20H40I2	1,6-diiodoeicosane	---	10.45318	4291.8526	113.562	340.45	476.68	3
23087	C20H40I2	1,7-diiodoeicosane	---	10.51605	4325.3650	113.284	341.25	476.47	3
23088	C20H40I2	1,8-diiodoeicosane	---	10.57983	4359.3548	113.006	342.05	476.26	3
23089	C20H40I2	1,9-diiodoeicosane	---	10.64453	4393.8325	112.728	342.85	476.05	3
23090	C20H40I2	1,10-diiodoeicosane	---	10.71018	4428.8086	112.450	343.65	475.84	3
23091	C20H40I2	1,11-diiodoeicosane	---	10.77679	4464.2943	112.172	344.45	475.63	3
23092	C20H40I2	1,12-diiodoeicosane	---	10.84439	4500.3007	111.894	345.25	475.42	3
23093	C20H40I2	1,13-diiodoeicosane	---	10.91300	4536.8397	111.616	346.05	475.21	3
23094	C20H40I2	1,14-diiodoeicosane	---	10.98264	4573.9231	111.338	346.85	475.00	3
23095	C20H40I2	1,15-diiodoeicosane	---	11.05334	4611.5635	111.060	347.65	474.80	3
23096	C20H40I2	1,16-diiodoeicosane	---	11.12512	4649.7734	110.782	348.45	474.59	3
23097	C20H40I2	1,17-diiodoeicosane	---	11.19800	4688.5661	110.504	349.25	474.39	3
23098	C20H40I2	1,18-diiodoeicosane	---	11.27201	4727.9552	110.226	350.05	474.18	3
23099	C20H40I2	1,19-diiodoeicosane	---	11.34718	4767.9546	109.948	350.85	473.98	3
23100	C20H40I2	1,20-diiodoeicosane	---	11.42353	4808.5788	109.670	351.65	473.78	3
23101	C20H40I2	2,2-diiodoeicosane	---	9.60684	3840.2125	117.732	328.45	479.97	3
23102	C20H40I2	2,3-diiodoeicosane	---	9.65816	3867.6324	117.454	329.25	479.74	3
23103	C20H40I2	2,4-diiodoeicosane	---	9.71016	3895.4041	117.176	330.05	479.52	3
23104	C20H40I2	2,5-diiodoeicosane	---	9.76283	3923.5344	116.898	330.85	479.30	3
23105	C20H40I2	2,6-diiodoeicosane	---	9.81619	3952.0304	116.620	331.65	479.07	3
23106	C20H40I2	2,7-diiodoeicosane	---	9.87026	3980.8995	116.342	332.45	478.85	3
23107	C20H40I2	2,8-diiodoeicosane	---	9.92506	4010.1490	116.064	333.25	478.63	3
23108	C20H40I2	2,9-diiodoeicosane	---	9.98059	4039.7867	115.786	334.05	478.41	3
23109	C20H40I2	2,10-diiodoeicosane	---	10.03687	4069.8204	115.508	334.85	478.19	3
23110	C20H40I2	2,11-diiodoeicosane	---	10.09391	4100.2582	115.230	335.65	477.97	3
23111	C20H40I2	2,12-diiodoeicosane	---	10.15174	4131.1084	114.952	336.45	477.76	3
23112	C20H40I2	2,13-diiodoeicosane	---	10.21036	4162.3795	114.674	337.25	477.54	3
23113	C20H40I2	2,14-diiodoeicosane	---	10.26980	4194.0804	114.396	338.05	477.32	3
23114	C20H40I2	2,15-diiodoeicosane	---	10.33007	4226.2199	114.118	338.85	477.11	3
23115	C20H40I2	2,16-diiodoeicosane	---	10.39119	4258.8075	113.840	339.65	476.89	3
23116	C20H40I2	2,17-diiodoeicosane	---	10.45318	4291.8526	113.562	340.45	476.68	3
23117	C20H40I2	2,18-diiodoeicosane	---	10.51605	4325.3650	113.284	341.25	476.47	3
23118	C20H40I2	2,19-diiodoeicosane	---	10.57983	4359.3548	113.006	342.05	476.26	3
23119	C20H40O	eicosanal	2400-66-0	7.48404	2411.2597	155.706	216.17	404.77	2
23120	C20H40O	2-methylnonadecanal	---	7.42328	2381.9599	156.262	214.57	405.33	2

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mm Hg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
23121	C20H40O	3-methylnonadecanal	---	7.42328	2381.9599	156.262	214.57	405.33	2
23122	C20H40O	4-methylnonadecanal	---	7.42328	2381.9599	156.262	214.57	405.33	2
23123	C20H40O	5-methylnonadecanal	---	7.42328	2381.9599	156.262	214.57	405.33	2
23124	C20H40O	6-methylnonadecanal	---	7.42328	2381.9599	156.262	214.57	405.33	2
23125	C20H40O	7-methylnonadecanal	---	7.42328	2381.9599	156.262	214.57	405.33	2
23126	C20H40O	8-methylnonadecanal	---	7.42328	2381.9599	156.262	214.57	405.33	2
23127	C20H40O	9-methylnonadecanal	---	7.42328	2381.9599	156.262	214.57	405.33	2
23128	C20H40O	10-methylnonadecanal	---	7.42328	2381.9599	156.262	214.57	405.33	2
23129	C20H40O	11-methylnonadecanal	---	7.42328	2381.9599	156.262	214.57	405.33	2
23130	C20H40O	12-methylnonadecanal	---	7.42328	2381.9599	156.262	214.57	405.33	2
23131	C20H40O	13-methylnonadecanal	---	7.42328	2381.9599	156.262	214.57	405.33	2
23132	C20H40O	14-methylnonadecanal	---	7.42328	2381.9599	156.262	214.57	405.33	2
23133	C20H40O	15-methylnonadecanal	---	7.42328	2381.9599	156.262	214.57	405.33	2
23134	C20H40O	16-methylnonadecanal	---	7.42328	2381.9599	156.262	214.57	405.33	2
23135	C20H40O	17-methylnonadecanal	---	7.42328	2381.9599	156.262	214.57	405.33	2
23136	C20H40O	18-methylnonadecanal	---	7.42328	2381.9599	156.262	214.57	405.33	2
23137	C20H40O	2,2-dimethyloctadecanal	---	7.36378	2353.2505	156.818	212.97	405.90	2
23138	C20H40O	2,3-dimethyloctadecanal	---	7.36378	2353.2505	156.818	212.97	405.90	2
23139	C20H40O	2,4-dimethyloctadecanal	---	7.36378	2353.2505	156.818	212.97	405.90	2
23140	C20H40O	2,5-dimethyloctadecanal	---	7.36378	2353.2505	156.818	212.97	405.90	2
23141	C20H40O	2,6-dimethyloctadecanal	---	7.36378	2353.2505	156.818	212.97	405.90	2
23142	C20H40O	2,7-dimethyloctadecanal	---	7.36378	2353.2505	156.818	212.97	405.90	2
23143	C20H40O	2,8-dimethyloctadecanal	---	7.36378	2353.2505	156.818	212.97	405.90	2
23144	C20H40O	2,9-dimethyloctadecanal	---	7.36378	2353.2505	156.818	212.97	405.90	2
23145	C20H40O	2,10-dimethyloctadecanal	---	7.36378	2353.2505	156.818	212.97	405.90	2
23146	C20H40O	2,11-dimethyloctadecanal	---	7.36378	2353.2505	156.818	212.97	405.90	2
23147	C20H40O	2,12-dimethyloctadecanal	---	7.36378	2353.2505	156.818	212.97	405.90	2
23148	C20H40O	2,13-dimethyloctadecanal	---	7.36378	2353.2505	156.818	212.97	405.90	2
23149	C20H40O	2,14-dimethyloctadecanal	---	7.36378	2353.2505	156.818	212.97	405.90	2
23150	C20H40O	2,15-dimethyloctadecanal	---	7.36378	2353.2505	156.818	212.97	405.90	2
23151	C20H40O	2,16-dimethyloctadecanal	---	7.36378	2353.2505	156.818	212.97	405.90	2
23152	C20H40O	2,17-dimethyloctadecanal	---	7.36378	2353.2505	156.818	212.97	405.90	2
23153	C20H40O	2-eicosanone	29703-52-4	7.28270	2291.2519	157.402	207.29	401.32	2
23154	C20H40O	3-eicosanone	2955-56-8	7.16943	2237.0602	158.514	204.09	402.49	2
23155	C20H40O	4-eicosanone	---	7.16943	2237.0602	158.514	204.09	402.49	2
23156	C20H40O	5-eicosanone	---	7.16943	2237.0602	158.514	204.09	402.49	2
23157	C20H40O	6-eicosanone	---	7.16943	2237.0602	158.514	204.09	402.49	2
23158	C20H40O	7-eicosanone	---	7.16943	2237.0602	158.514	204.09	402.49	2
23159	C20H40O	8-eicosanone	---	7.16943	2237.0602	158.514	204.09	402.49	2
23160	C20H40O	9-eicosanone	---	7.16943	2237.0602	158.514	204.09	402.49	2
23161	C20H40O	10-eicosanone	---	7.16943	2237.0602	158.514	204.09	402.49	2
23162	C20H40O	3-methyl-2-nonadecanone	---	7.11448	2210.7536	159.070	202.49	403.08	2
23163	C20H40O	4-methyl-2-nonadecanone	---	7.11448	2210.7536	159.070	202.49	403.08	2
23164	C20H40O	5-methyl-2-nonadecanone	---	7.11448	2210.7536	159.070	202.49	403.08	2
23165	C20H40O	6-methyl-2-nonadecanone	---	7.11448	2210.7536	159.070	202.49	403.08	2
23166	C20H40O	7-methyl-2-nonadecanone	---	7.11448	2210.7536	159.070	202.49	403.08	2
23167	C20H40O	8-methyl-2-nonadecanone	---	7.11448	2210.7536	159.070	202.49	403.08	2
23168	C20H40O	9-methyl-2-nonadecanone	---	7.11448	2210.7536	159.070	202.49	403.08	2
23169	C20H40O	10-methyl-2-nonadecanone	---	7.11448	2210.7536	159.070	202.49	403.08	2
23170	C20H40O	2-methyl-3-nonadecanone	---	7.11448	2210.7536	159.070	202.49	403.08	2
23171	C20H40O	4-methyl-3-nonadecanone	---	7.11448	2210.7536	159.070	202.49	403.08	2
23172	C20H40O	5-methyl-3-nonadecanone	---	7.11448	2210.7536	159.070	202.49	403.08	2
23173	C20H40O	6-methyl-3-nonadecanone	---	7.11448	2210.7536	159.070	202.49	403.08	2
23174	C20H40O	7-methyl-3-nonadecanone	---	7.11448	2210.7536	159.070	202.49	403.08	2
23175	C20H40O	8-methyl-3-nonadecanone	---	7.11448	2210.7536	159.070	202.49	403.08	2
23176	C20H40O	9-methyl-3-nonadecanone	---	7.11448	2210.7536	159.070	202.49	403.08	2
23177	C20H40O	10-methyl-3-nonadecanone	---	7.11448	2210.7536	159.070	202.49	403.08	2
23178	C20H40O	2-methyl-4-nonadecanone	---	7.11448	2210.7536	159.070	202.49	403.08	2
23179	C20H40O	3-methyl-4-nonadecanone	---	7.11448	2210.7536	159.070	202.49	403.08	2
23180	C20H40O	5-methyl-4-nonadecanone	---	7.11448	2210.7536	159.070	202.49	403.08	2
23181	C20H40O	6-methyl-4-nonadecanone	---	7.11448	2210.7536	159.070	202.49	403.08	2
23182	C20H40O	7-methyl-4-nonadecanone	---	7.11448	2210.7536	159.070	202.49	403.08	2
23183	C20H40O	8-methyl-4-nonadecanone	---	7.11448	2210.7536	159.070	202.49	403.08	2
23184	C20H40O	9-methyl-4-nonadecanone	---	7.11448	2210.7536	159.070	202.49	403.08	2
23185	C20H40O	10-methyl-4-nonadecanone	---	7.11448	2210.7536	159.070	202.49	403.08	2
23186	C20H40O	2-methyl-5-nonadecanone	---	7.11448	2210.7536	159.070	202.49	403.08	2
23187	C20H40O	3-methyl-5-nonadecanone	---	7.11448	2210.7536	159.070	202.49	403.08	2
23188	C20H40O	4-methyl-5-nonadecanone	---	7.11448	2210.7536	159.070	202.49	403.08	2
23189	C20H40O	6-methyl-5-nonadecanone	---	7.11448	2210.7536	159.070	202.49	403.08	2
23190	C20H40O	7-methyl-5-nonadecanone	---	7.11448	2210.7536	159.070	202.49	403.08	2
23191	C20H40O	8-methyl-5-nonadecanone	---	7.11448	2210.7536	159.070	202.49	403.08	2
23192	C20H40O	9-methyl-5-nonadecanone	---	7.11448	2210.7536	159.070	202.49	403.08	2
23193	C20H40O	10-methyl-5-nonadecanone	---	7.11448	2210.7536	159.070	202.49	403.08	2
23194	C20H40O	2-eicosen-1-ol	---	7.64134	2611.3122	145.420	247.77	440.14	3
23195	C20H40O	3,7,11,15-tetramethyl-1-hexadecen-3-ol	505-32-8	6.58541	2074.9136	156.978	214.51	452.65	3
23196	C20H40O2	eicosanoic acid	506-30-9	8.93467	3207.5125	138.470	265.77	419.08	2
23197	C20H40O2	2-methylnonadecanoic acid	32013-83-5	8.58162	3033.1345	140.694	259.37	421.02	2
23198	C20H40O2	3-methylnonadecanoic acid	---	8.58162	3033.1345	140.694	259.37	421.02	2
23199	C20H40O2	4-methylnonadecanoic acid	---	8.58162	3033.1345	140.694	259.37	421.02	2
23200	C20H40O2	5-methylnonadecanoic acid	---	8.58162	3033.1345	140.694	259.37	421.02	2

Table 1 Vapor Pressure – Organic Compounds

NO	FORMULA	NAME	$\log_{10} P = A - B/(T + C) \quad (P - \text{mm Hg}, T - ^\circ\text{C})$						
			CAS No	A	B	C	TMIN	TMAX	code
23201	C20H40O2	6-methylnonadecanoic acid	---	8.58162	3033.1345	140.694	259.37	421.02	2
23202	C20H40O2	7-methylnonadecanoic acid	---	8.58162	3033.1345	140.694	259.37	421.02	2
23203	C20H40O2	8-methylnonadecanoic acid	---	8.58162	3033.1345	140.694	259.37	421.02	2
23204	C20H40O2	9-methylnonadecanoic acid	---	8.58162	3033.1345	140.694	259.37	421.02	2
23205	C20H40O2	10-methylnonadecanoic acid	---	8.58162	3033.1345	140.694	259.37	421.02	2
23206	C20H40O2	11-methylnonadecanoic acid	---	8.58162	3033.1345	140.694	259.37	421.02	2
23207	C20H40O2	12-methylnonadecanoic acid	---	8.58162	3033.1345	140.694	259.37	421.02	2
23208	C20H40O2	13-methylnonadecanoic acid	---	8.58162	3033.1345	140.694	259.37	421.02	2
23209	C20H40O2	14-methylnonadecanoic acid	---	8.58162	3033.1345	140.694	259.37	421.02	2
23210	C20H40O2	15-methylnonadecanoic acid	---	8.58162	3033.1345	140.694	259.37	421.02	2
23211	C20H40O2	16-methylnonadecanoic acid	---	8.58162	3033.1345	140.694	259.37	421.02	2
23212	C20H40O2	17-methylnonadecanoic acid	---	8.58162	3033.1345	140.694	259.37	421.02	2
23213	C20H40O2	18-methylnonadecanoic acid	---	8.58162	3033.1345	140.694	259.37	421.02	2
23214	C20H40O2	2,2-dimethyloctadecanoic acid	---	8.26122	2874.6327	142.918	252.97	423.02	2
23215	C20H40O2	2,3-dimethyloctadecanoic acid	---	8.26122	2874.6327	142.918	252.97	423.02	2
23216	C20H40O2	2,4-dimethyloctadecanoic acid	---	8.26122	2874.6327	142.918	252.97	423.02	2
23217	C20H40O2	2,5-dimethyloctadecanoic acid	---	8.26122	2874.6327	142.918	252.97	423.02	2
23218	C20H40O2	2,6-dimethyloctadecanoic acid	---	8.26122	2874.6327	142.918	252.97	423.02	2
23219	C20H40O2	2,7-dimethyloctadecanoic acid	---	8.26122	2874.6327	142.918	252.97	423.02	2
23220	C20H40O2	2,8-dimethyloctadecanoic acid	---	8.26122	2874.6327	142.918	252.97	423.02	2
23221	C20H40O2	2,9-dimethyloctadecanoic acid	---	8.26122	2874.6327	142.918	252.97	423.02	2
23222	C20H40O2	2,10-dimethyloctadecanoic acid	---	8.26122	2874.6327	142.918	252.97	423.02	2
23223	C20H40O2	2,11-dimethyloctadecanoic acid	---	8.26122	2874.6327	142.918	252.97	423.02	2
23224	C20H40O2	2,12-dimethyloctadecanoic acid	---	8.26122	2874.6327	142.918	252.97	423.02	2
23225	C20H40O2	2,13-dimethyloctadecanoic acid	---	8.26122	2874.6327	142.918	252.97	423.02	2
23226	C20H40O2	2,14-dimethyloctadecanoic acid	---	8.26122	2874.6327	142.918	252.97	423.02	2
23227	C20H40O2	2,15-dimethyloctadecanoic acid	---	8.26122	2874.6327	142.918	252.97	423.02	2
23228	C20H40O2	2,16-dimethyloctadecanoic acid	---	8.26122	2874.6327	142.918	252.97	423.02	2
23229	C20H40O2	2,17-dimethyloctadecanoic acid	---	8.26122	2874.6327	142.918	252.97	423.02	2
23230	C20H40O2	2-ethyloctadecanoic acid	14276-80-3	8.41763	2952.0400	141.806	256.17	422.01	2
23231	C20H40O2	3-ethyloctadecanoic acid	---	8.41763	2952.0400	141.806	256.17	422.01	2
23232	C20H40O2	4-ethyloctadecanoic acid	---	8.41763	2952.0400	141.806	256.17	422.01	2
23233	C20H40O2	5-ethyloctadecanoic acid	---	8.41763	2952.0400	141.806	256.17	422.01	2
23234	C20H40O2	6-ethyloctadecanoic acid	---	8.41763	2952.0400	141.806	256.17	422.01	2
23235	C20H40O2	7-ethyloctadecanoic acid	---	8.41763	2952.0400	141.806	256.17	422.01	2
23236	C20H40O2	8-ethyloctadecanoic acid	---	8.41763	2952.0400	141.806	256.17	422.01	2
23237	C20H40O2	9-ethyloctadecanoic acid	---	8.41763	2952.0400	141.806	256.17	422.01	2
23238	C20H40O2	10-ethyloctadecanoic acid	---	8.41763	2952.0400	141.806	256.17	422.01	2
23239	C20H40O2	11-ethyloctadecanoic acid	---	8.41763	2952.0400	141.806	256.17	422.01	2
23240	C20H40O2	12-ethyloctadecanoic acid	---	8.41763	2952.0400	141.806	256.17	422.01	2
23241	C20H40O2	13-ethyloctadecanoic acid	---	8.41763	2952.0400	141.806	256.17	422.01	2
23242	C20H40O2	14-ethyloctadecanoic acid	---	8.41763	2952.0400	141.806	256.17	422.01	2
23243	C20H40O2	15-ethyloctadecanoic acid	---	8.41763	2952.0400	141.806	256.17	422.01	2
23244	C20H40O2	16-ethyloctadecanoic acid	---	8.41763	2952.0400	141.806	256.17	422.01	2
23245	C20H40O2	3,7,11,15-tetramethylhexadecanoic acid	14721-66-5	7.90012	2695.6592	145.698	244.97	425.62	2
23246	C20H40O2	nonadecyl formate	66455-49-0	13.30590	5065.5548	133.466	278.17	366.88	2
23247	C20H40O2	octadecyl acetate	822-23-1	12.07143	4493.8297	136.524	269.37	368.99	2
23248	C20H40O2	heptadecyl propanoate	---	10.30576	3668.6784	141.667	252.57	373.31	2
23249	C20H40O2	hexadecyl butanoate	6221-99-4	9.69387	3384.3347	144.308	244.97	375.40	2
23250	C20H40O2	hexadecyl isobutanoate	---	9.13679	3125.0033	147.088	236.97	377.69	2
23251	C20H40O2	pentadecyl pentanoate	---	9.67000	3373.2320	144.420	244.65	375.49	2
23252	C20H40O2	pentadecyl isopentanoate	---	9.11611	3115.3656	147.200	236.65	377.78	2
23253	C20H40O2	pentadecyl sec-pentanoate	---	9.11611	3115.3656	147.200	236.65	377.78	2
23254	C20H40O2	pentadecyl tert-pentanoate	---	8.63382	2890.3893	149.980	228.65	380.17	2
23255	C20H40O2	decyl decanoate	1654-86-0	9.09592	3149.8774	144.420	244.65	388.19	1,2
23256	C20H40O2	butyl palmitate	111-06-8	9.67000	3373.2320	144.420	244.65	375.49	2
23257	C20H40O2	ethyl stearate	111-61-5	9.67000	3373.2320	144.420	244.65	375.49	2
23258	C20H40O2	methyl nonadecanoate	1731-94-8	9.67000	3373.2320	144.420	244.65	375.49	2
23259	C20H40S	thiacycloheneicosane	42425-07-0	5.68062	1626.6994	168.511	179.03	482.49	3
23260	C20H41Br	1-bromoeicosane	4276-49-7	7.42829	2461.5610	148.756	234.17	430.92	2
23261	C20H41Br	2-bromoeicosane	---	7.15062	2323.1278	151.536	226.17	433.81	2
23262	C20H41Br	3-bromoeicosane	---	7.15062	2323.1278	151.536	226.17	433.81	2
23263	C20H41Br	4-bromoeicosane	---	7.15062	2323.1278	151.536	226.17	433.81	2
23264	C20H41Br	5-bromoeicosane	---	7.15062	2323.1278	151.536	226.17	433.81	2
23265	C20H41Br	6-bromoeicosane	---	7.15062	2323.1278	151.536	226.17	433.81	2
23266	C20H41Br	7-bromoeicosane	---	7.15062	2323.1278	151.536	226.17	433.81	2
23267	C20H41Br	8-bromoeicosane	---	7.15062	2323.1278	151.536	226.17	433.81	2
23268	C20H41Br	9-bromoeicosane	---	7.15062	2323.1278	151.536	226.17	433.81	2
23269	C20H41Br	10-bromoeicosane	---	7.15062	2323.1278	151.536	226.17	433.81	2
23270	C20H41Br	1-bromo-2-methylnonadecane	---	7.15062	2323.1278	151.536	226.17	433.81	2
23271	C20H41Br	1-bromo-3-methylnonadecane	---	7.15062	2323.1278	151.536	226.17	433.81	2
23272	C20H41Br	1-bromo-4-methylnonadecane	---	7.15062	2323.1278	151.536	226.17	433.81	2
23273	C20H41Br	1-bromo-5-methylnonadecane	---	7.15062	2323.1278	151.536	226.17	433.81	2
23274	C20H41Br	1-bromo-6-methylnonadecane	---	7.15062	2323.1278	151.536	226.17	433.81	2
23275	C20H41Br	1-bromo-7-methylnonadecane	---	7.15062	2323.1278	151.536	226.17	433.81	2
23276	C20H41Br	1-bromo-8-methylnonadecane	---	7.15062	2323.1278	151.536	226.17	433.81	2
23277	C20H41Br	1-bromo-9-methylnonadecane	---	7.15062	2323.1278	151.536	226.17	433.81	2
23278	C20H41Br	1-bromo-10-methylnonadecane	---	7.15062	2323.1278	151.536	226.17	433.81	2
23279	C20H41Br	1-bromo-11-methylnonadecane	---	7.15062	2323.1278	151.536	226.17	433.81	2
23280	C20H41Br	1-bromo-12-methylnonadecane	---	7.15062	2323.1278	151.536	226.17	433.81	2

Table 1 Vapor Pressure – Organic Compounds

NO	FORMULA	NAME	$\log_{10} P = A - B/(T + C) \quad (P - \text{mm Hg}, T - ^\circ\text{C})$						
			CAS No	A	B	C	TMIN	TMAX	code
23281	C20H41Br	1-bromo-13-methylnonadecane	---	7.15062	2323.1278	151.536	226.17	433.81	2
23282	C20H41Br	1-bromo-14-methylnonadecane	---	7.15062	2323.1278	151.536	226.17	433.81	2
23283	C20H41Br	1-bromo-15-methylnonadecane	---	7.15062	2323.1278	151.536	226.17	433.81	2
23284	C20H41Br	1-bromo-16-methylnonadecane	---	7.15062	2323.1278	151.536	226.17	433.81	2
23285	C20H41Br	1-bromo-17-methylnonadecane	---	7.15062	2323.1278	151.536	226.17	433.81	2
23286	C20H41Br	1-bromo-18-methylnonadecane	---	7.15062	2323.1278	151.536	226.17	433.81	2
23287	C20H41Br	2-bromo-2-methylnonadecane	---	6.89843	2197.0836	154.316	218.17	436.84	2
23288	C20H41Br	2-bromo-3-methylnonadecane	---	6.89843	2197.0836	154.316	218.17	436.84	2
23289	C20H41Br	2-bromo-4-methylnonadecane	---	6.89843	2197.0836	154.316	218.17	436.84	2
23290	C20H41Br	2-bromo-5-methylnonadecane	---	6.89843	2197.0836	154.316	218.17	436.84	2
23291	C20H41Br	2-bromo-6-methylnonadecane	---	6.89843	2197.0836	154.316	218.17	436.84	2
23292	C20H41Br	2-bromo-7-methylnonadecane	---	6.89843	2197.0836	154.316	218.17	436.84	2
23293	C20H41Br	2-bromo-8-methylnonadecane	---	6.89843	2197.0836	154.316	218.17	436.84	2
23294	C20H41Br	2-bromo-9-methylnonadecane	---	6.89843	2197.0836	154.316	218.17	436.84	2
23295	C20H41Br	2-bromo-10-methylnonadecane	---	6.89843	2197.0836	154.316	218.17	436.84	2
23296	C20H41Br	2-bromo-11-methylnonadecane	---	6.89843	2197.0836	154.316	218.17	436.84	2
23297	C20H41Br	2-bromo-12-methylnonadecane	---	6.89843	2197.0836	154.316	218.17	436.84	2
23298	C20H41Br	2-bromo-13-methylnonadecane	---	6.89843	2197.0836	154.316	218.17	436.84	2
23299	C20H41Br	2-bromo-14-methylnonadecane	---	6.89843	2197.0836	154.316	218.17	436.84	2
23300	C20H41Br	2-bromo-15-methylnonadecane	---	6.89843	2197.0836	154.316	218.17	436.84	2
23301	C20H41Br	2-bromo-16-methylnonadecane	---	6.89843	2197.0836	154.316	218.17	436.84	2
23302	C20H41Br	2-bromo-17-methylnonadecane	---	6.89843	2197.0836	154.316	218.17	436.84	2
23303	C20H41Br	2-bromo-18-methylnonadecane	---	6.89843	2197.0836	154.316	218.17	436.84	2
23304	C20H41Br	3-bromo-2-methylnonadecane	---	6.89843	2197.0836	154.316	218.17	436.84	2
23305	C20H41Br	3-bromo-3-methylnonadecane	---	6.89843	2197.0836	154.316	218.17	436.84	2
23306	C20H41Br	3-bromo-4-methylnonadecane	---	6.89843	2197.0836	154.316	218.17	436.84	2
23307	C20H41Br	3-bromo-5-methylnonadecane	---	6.89843	2197.0836	154.316	218.17	436.84	2
23308	C20H41Br	3-bromo-6-methylnonadecane	---	6.89843	2197.0836	154.316	218.17	436.84	2
23309	C20H41Br	3-bromo-7-methylnonadecane	---	6.89843	2197.0836	154.316	218.17	436.84	2
23310	C20H41Br	3-bromo-8-methylnonadecane	---	6.89843	2197.0836	154.316	218.17	436.84	2
23311	C20H41Br	3-bromo-9-methylnonadecane	---	6.89843	2197.0836	154.316	218.17	436.84	2
23312	C20H41Br	3-bromo-10-methylnonadecane	---	6.89843	2197.0836	154.316	218.17	436.84	2
23313	C20H41Br	3-bromo-11-methylnonadecane	---	6.89843	2197.0836	154.316	218.17	436.84	2
23314	C20H41Br	3-bromo-12-methylnonadecane	---	6.89843	2197.0836	154.316	218.17	436.84	2
23315	C20H41Br	3-bromo-13-methylnonadecane	---	6.89843	2197.0836	154.316	218.17	436.84	2
23316	C20H41Br	3-bromo-14-methylnonadecane	---	6.89843	2197.0836	154.316	218.17	436.84	2
23317	C20H41Br	3-bromo-15-methylnonadecane	---	6.89843	2197.0836	154.316	218.17	436.84	2
23318	C20H41Br	3-bromo-16-methylnonadecane	---	6.89843	2197.0836	154.316	218.17	436.84	2
23319	C20H41Br	3-bromo-17-methylnonadecane	---	6.89843	2197.0836	154.316	218.17	436.84	2
23320	C20H41Br	3-bromo-18-methylnonadecane	---	6.89843	2197.0836	154.316	218.17	436.84	2
23321	C20H41Cl	1-chloroeicosane	42217-02-7	6.76577	2174.5052	152.370	224.77	454.37	2
23322	C20H41Cl	2-chloroeicosane	---	6.52221	2048.2985	155.150	215.77	458.05	2
23323	C20H41Cl	3-chloroeicosane	---	6.52221	2048.2985	155.150	215.77	458.05	2
23324	C20H41Cl	4-chloroeicosane	---	6.52221	2048.2985	155.150	215.77	458.05	2
23325	C20H41Cl	5-chloroeicosane	---	6.52221	2048.2985	155.150	215.77	458.05	2
23326	C20H41Cl	6-chloroeicosane	---	6.52221	2048.2985	155.150	215.77	458.05	2
23327	C20H41Cl	7-chloroeicosane	---	6.52221	2048.2985	155.150	215.77	458.05	2
23328	C20H41Cl	8-chloroeicosane	---	6.52221	2048.2985	155.150	215.77	458.05	2
23329	C20H41Cl	9-chloroeicosane	---	6.52221	2048.2985	155.150	215.77	458.05	2
23330	C20H41Cl	10-chloroeicosane	---	6.52221	2048.2985	155.150	215.77	458.05	2
23331	C20H41Cl	1-chloro-2-methylnonadecane	---	6.52221	2048.2985	155.150	215.77	458.05	2
23332	C20H41Cl	1-chloro-3-methylnonadecane	---	6.52221	2048.2985	155.150	215.77	458.05	2
23333	C20H41Cl	1-chloro-4-methylnonadecane	---	6.52221	2048.2985	155.150	215.77	458.05	2
23334	C20H41Cl	1-chloro-5-methylnonadecane	---	6.52221	2048.2985	155.150	215.77	458.05	2
23335	C20H41Cl	1-chloro-6-methylnonadecane	---	6.52221	2048.2985	155.150	215.77	458.05	2
23336	C20H41Cl	1-chloro-7-methylnonadecane	---	6.52221	2048.2985	155.150	215.77	458.05	2
23337	C20H41Cl	1-chloro-8-methylnonadecane	---	6.52221	2048.2985	155.150	215.77	458.05	2
23338	C20H41Cl	1-chloro-9-methylnonadecane	---	6.52221	2048.2985	155.150	215.77	458.05	2
23339	C20H41Cl	1-chloro-10-methylnonadecane	---	6.52221	2048.2985	155.150	215.77	458.05	2
23340	C20H41Cl	1-chloro-11-methylnonadecane	---	6.52221	2048.2985	155.150	215.77	458.05	2
23341	C20H41Cl	1-chloro-12-methylnonadecane	---	6.52221	2048.2985	155.150	215.77	458.05	2
23342	C20H41Cl	1-chloro-13-methylnonadecane	---	6.52221	2048.2985	155.150	215.77	458.05	2
23343	C20H41Cl	1-chloro-14-methylnonadecane	---	6.52221	2048.2985	155.150	215.77	458.05	2
23344	C20H41Cl	1-chloro-15-methylnonadecane	---	6.52221	2048.2985	155.150	215.77	458.05	2
23345	C20H41Cl	1-chloro-16-methylnonadecane	---	6.52221	2048.2985	155.150	215.77	458.05	2
23346	C20H41Cl	1-chloro-17-methylnonadecane	---	6.52221	2048.2985	155.150	215.77	458.05	2
23347	C20H41Cl	1-chloro-18-methylnonadecane	---	6.52221	2048.2985	155.150	215.77	458.05	2
23348	C20H41Cl	2-chloro-2-methylnonadecane	---	6.32706	1948.1058	157.930	207.77	461.46	2
23349	C20H41Cl	2-chloro-3-methylnonadecane	---	6.32706	1948.1058	157.930	207.77	461.46	2
23350	C20H41Cl	2-chloro-4-methylnonadecane	---	6.32706	1948.1058	157.930	207.77	461.46	2
23351	C20H41Cl	2-chloro-5-methylnonadecane	---	6.32706	1948.1058	157.930	207.77	461.46	2
23352	C20H41Cl	2-chloro-6-methylnonadecane	---	6.32706	1948.1058	157.930	207.77	461.46	2
23353	C20H41Cl	2-chloro-7-methylnonadecane	---	6.32706	1948.1058	157.930	207.77	461.46	2
23354	C20H41Cl	2-chloro-8-methylnonadecane	---	6.32706	1948.1058	157.930	207.77	461.46	2
23355	C20H41Cl	2-chloro-9-methylnonadecane	---	6.32706	1948.1058	157.930	207.77	461.46	2
23356	C20H41Cl	2-chloro-10-methylnonadecane	---	6.32706	1948.1058	157.930	207.77	461.46	2
23357	C20H41Cl	2-chloro-11-methylnonadecane	---	6.32706	1948.1058	157.930	207.77	461.46	2
23358	C20H41Cl	2-chloro-12-methylnonadecane	---	6.32706	1948.1058	157.930	207.77	461.46	2
23359	C20H41Cl	2-chloro-13-methylnonadecane	---	6.32706	1948.1058	157.930	207.77	461.46	2
23360	C20H41Cl	2-chloro-14-methylnonadecane	---	6.32706	1948.1058	157.930	207.77	461.46	2

Table 1 Vapor Pressure – Organic Compounds

			log ₁₀ P = A - B/(T + C)	(P - mm Hg, T - C)					
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
23361	C20H41Cl	2-chloro-15-methylnonadecane	---	6.32706	1948.1058	157.930	207.77	461.46	2
23362	C20H41Cl	2-chloro-16-methylnonadecane	---	6.32706	1948.1058	157.930	207.77	461.46	2
23363	C20H41Cl	2-chloro-17-methylnonadecane	---	6.32706	1948.1058	157.930	207.77	461.46	2
23364	C20H41Cl	2-chloro-18-methylnonadecane	---	6.32706	1948.1058	157.930	207.77	461.46	2
23365	C20H41Cl	3-chloro-2-methylnonadecane	---	6.32706	1948.1058	157.930	207.77	461.46	2
23366	C20H41Cl	3-chloro-3-methylnonadecane	---	6.32706	1948.1058	157.930	207.77	461.46	2
23367	C20H41Cl	3-chloro-4-methylnonadecane	---	6.32706	1948.1058	157.930	207.77	461.46	2
23368	C20H41Cl	3-chloro-5-methylnonadecane	---	6.32706	1948.1058	157.930	207.77	461.46	2
23369	C20H41Cl	3-chloro-6-methylnonadecane	---	6.32706	1948.1058	157.930	207.77	461.46	2
23370	C20H41Cl	3-chloro-7-methylnonadecane	---	6.32706	1948.1058	157.930	207.77	461.46	2
23371	C20H41Cl	3-chloro-8-methylnonadecane	---	6.32706	1948.1058	157.930	207.77	461.46	2
23372	C20H41Cl	3-chloro-9-methylnonadecane	---	6.32706	1948.1058	157.930	207.77	461.46	2
23373	C20H41Cl	3-chloro-10-methylnonadecane	---	6.32706	1948.1058	157.930	207.77	461.46	2
23374	C20H41Cl	3-chloro-11-methylnonadecane	---	6.32706	1948.1058	157.930	207.77	461.46	2
23375	C20H41Cl	3-chloro-12-methylnonadecane	---	6.32706	1948.1058	157.930	207.77	461.46	2
23376	C20H41Cl	3-chloro-13-methylnonadecane	---	6.32706	1948.1058	157.930	207.77	461.46	2
23377	C20H41Cl	3-chloro-14-methylnonadecane	---	6.32706	1948.1058	157.930	207.77	461.46	2
23378	C20H41Cl	3-chloro-15-methylnonadecane	---	6.32706	1948.1058	157.930	207.77	461.46	2
23379	C20H41Cl	3-chloro-16-methylnonadecane	---	6.32706	1948.1058	157.930	207.77	461.46	2
23380	C20H41Cl	3-chloro-17-methylnonadecane	---	6.32706	1948.1058	157.930	207.77	461.46	2
23381	C20H41Cl	3-chloro-18-methylnonadecane	---	6.32706	1948.1058	157.930	207.77	461.46	2
23382	C20H41F	1-fluoroicosane	676-44-8	6.27627	1870.1011	161.266	193.17	443.08	3
23383	C20H41F	1-fluoroicosane	---	6.13033	1796.9524	163.490	186.77	445.96	3
23384	C20H41F	2-fluoroicosane	---	6.13033	1796.9524	163.490	186.77	445.96	3
23385	C20H41F	3-fluoroicosane	---	6.13033	1796.9524	163.490	186.77	445.96	3
23386	C20H41F	4-fluoroicosane	---	6.13033	1796.9524	163.490	186.77	445.96	3
23387	C20H41F	5-fluoroicosane	---	6.13033	1796.9524	163.490	186.77	445.96	3
23388	C20H41F	6-fluoroicosane	---	6.13033	1796.9524	163.490	186.77	445.96	3
23389	C20H41F	7-fluoroicosane	---	6.13033	1796.9524	163.490	186.77	445.96	3
23390	C20H41F	8-fluoroicosane	---	6.13033	1796.9524	163.490	186.77	445.96	3
23391	C20H41F	9-fluoroicosane	---	6.13033	1796.9524	163.490	186.77	445.96	3
23392	C20H41F	10-fluoroicosane	---	6.13033	1796.9524	163.490	186.77	445.96	3
23393	C20H41F	1-fluoro-2-methylnonadecane	---	6.13033	1796.9524	163.490	186.77	445.96	3
23394	C20H41F	1-fluoro-3-methylnonadecane	---	6.13033	1796.9524	163.490	186.77	445.96	3
23395	C20H41F	1-fluoro-4-methylnonadecane	---	6.13033	1796.9524	163.490	186.77	445.96	3
23396	C20H41F	1-fluoro-5-methylnonadecane	---	6.13033	1796.9524	163.490	186.77	445.96	3
23397	C20H41F	1-fluoro-6-methylnonadecane	---	6.13033	1796.9524	163.490	186.77	445.96	3
23398	C20H41F	1-fluoro-7-methylnonadecane	---	6.13033	1796.9524	163.490	186.77	445.96	3
23399	C20H41F	1-fluoro-8-methylnonadecane	---	6.13033	1796.9524	163.490	186.77	445.96	3
23400	C20H41F	1-fluoro-9-methylnonadecane	---	6.13033	1796.9524	163.490	186.77	445.96	3
23401	C20H41F	1-fluoro-10-methylnonadecane	---	6.13033	1796.9524	163.490	186.77	445.96	3
23402	C20H41F	1-fluoro-11-methylnonadecane	---	6.13033	1796.9524	163.490	186.77	445.96	3
23403	C20H41F	1-fluoro-12-methylnonadecane	---	6.13033	1796.9524	163.490	186.77	445.96	3
23404	C20H41F	1-fluoro-13-methylnonadecane	---	6.13033	1796.9524	163.490	186.77	445.96	3
23405	C20H41F	1-fluoro-14-methylnonadecane	---	6.13033	1796.9524	163.490	186.77	445.96	3
23406	C20H41F	1-fluoro-15-methylnonadecane	---	6.13033	1796.9524	163.490	186.77	445.96	3
23407	C20H41F	1-fluoro-16-methylnonadecane	---	6.13033	1796.9524	163.490	186.77	445.96	3
23408	C20H41F	1-fluoro-17-methylnonadecane	---	6.13033	1796.9524	163.490	186.77	445.96	3
23409	C20H41F	1-fluoro-18-methylnonadecane	---	6.13033	1796.9524	163.490	186.77	445.96	3
23410	C20H41F	2-fluoro-2-methylnonadecane	---	5.99333	1728.1139	165.714	180.37	448.95	3
23411	C20H41F	2-fluoro-3-methylnonadecane	---	5.99333	1728.1139	165.714	180.37	448.95	3
23412	C20H41F	2-fluoro-4-methylnonadecane	---	5.99333	1728.1139	165.714	180.37	448.95	3
23413	C20H41F	2-fluoro-5-methylnonadecane	---	5.99333	1728.1139	165.714	180.37	448.95	3
23414	C20H41F	2-fluoro-6-methylnonadecane	---	5.99333	1728.1139	165.714	180.37	448.95	3
23415	C20H41F	2-fluoro-7-methylnonadecane	---	5.99333	1728.1139	165.714	180.37	448.95	3
23416	C20H41F	2-fluoro-8-methylnonadecane	---	5.99333	1728.1139	165.714	180.37	448.95	3
23417	C20H41F	2-fluoro-9-methylnonadecane	---	5.99333	1728.1139	165.714	180.37	448.95	3
23418	C20H41F	2-fluoro-10-methylnonadecane	---	5.99333	1728.1139	165.714	180.37	448.95	3
23419	C20H41F	2-fluoro-11-methylnonadecane	---	5.99333	1728.1139	165.714	180.37	448.95	3
23420	C20H41F	2-fluoro-12-methylnonadecane	---	5.99333	1728.1139	165.714	180.37	448.95	3
23421	C20H41F	2-fluoro-13-methylnonadecane	---	5.99333	1728.1139	165.714	180.37	448.95	3
23422	C20H41F	2-fluoro-14-methylnonadecane	---	5.99333	1728.1139	165.714	180.37	448.95	3
23423	C20H41F	2-fluoro-15-methylnonadecane	---	5.99333	1728.1139	165.714	180.37	448.95	3
23424	C20H41F	2-fluoro-16-methylnonadecane	---	5.99333	1728.1139	165.714	180.37	448.95	3
23425	C20H41F	2-fluoro-17-methylnonadecane	---	5.99333	1728.1139	165.714	180.37	448.95	3
23426	C20H41F	2-fluoro-18-methylnonadecane	---	5.99333	1728.1139	165.714	180.37	448.95	3
23427	C20H41F	3-fluoro-2-methylnonadecane	---	5.99333	1728.1139	165.714	180.37	448.95	3
23428	C20H41F	3-fluoro-3-methylnonadecane	---	5.99333	1728.1139	165.714	180.37	448.95	3
23429	C20H41F	3-fluoro-4-methylnonadecane	---	5.99333	1728.1139	165.714	180.37	448.95	3
23430	C20H41F	3-fluoro-5-methylnonadecane	---	5.99333	1728.1139	165.714	180.37	448.95	3
23431	C20H41F	3-fluoro-6-methylnonadecane	---	5.99333	1728.1139	165.714	180.37	448.95	3
23432	C20H41F	3-fluoro-7-methylnonadecane	---	5.99333	1728.1139	165.714	180.37	448.95	3
23433	C20H41F	3-fluoro-8-methylnonadecane	---	5.99333	1728.1139	165.714	180.37	448.95	3
23434	C20H41F	3-fluoro-9-methylnonadecane	---	5.99333	1728.1139	165.714	180.37	448.95	3
23435	C20H41F	3-fluoro-10-methylnonadecane	---	5.99333	1728.1139	165.714	180.37	448.95	3
23436	C20H41F	3-fluoro-11-methylnonadecane	---	5.99333	1728.1139	165.714	180.37	448.95	3
23437	C20H41F	3-fluoro-12-methylnonadecane	---	5.99333	1728.1139	165.714	180.37	448.95	3
23438	C20H41F	3-fluoro-13-methylnonadecane	---	5.99333	1728.1139	165.714	180.37	448.95	3
23439	C20H41F	3-fluoro-14-methylnonadecane	---	5.99333	1728.1139	165.714	180.37	448.95	3
23440	C20H41F	3-fluoro-15-methylnonadecane	---	5.99333	1728.1139	165.714	180.37	448.95	3

Table 1 Vapor Pressure – Organic Compounds

log ₁₀ P = A - B/(T + C) (P - mm Hg, T - C)									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
23441	C20H41F	3-fluoro-16-methylnonadecane	---	5.99333	1728.1139	165.714	180.37	448.95	3
23442	C20H41F	3-fluoro-17-methylnonadecane	---	5.99333	1728.1139	165.714	180.37	448.95	3
23443	C20H41F	3-fluoro-18-methylnonadecane	---	5.99333	1728.1139	165.714	180.37	448.95	3
23444	C20H41I	1-iodoeicosane	34994-81-5	7.91445	2688.9493	142.918	245.97	425.26	3
23445	C20H41I	1-iodoeicosane	---	7.91445	2688.9493	142.918	245.97	425.26	3
23446	C20H41I	2-iodoeicosane	---	7.91445	2688.9493	142.918	245.97	425.26	3
23447	C20H41I	3-iodoeicosane	---	7.91445	2688.9493	142.918	245.97	425.26	3
23448	C20H41I	4-iodoeicosane	---	7.91445	2688.9493	142.918	245.97	425.26	3
23449	C20H41I	5-iodoeicosane	---	7.91445	2688.9493	142.918	245.97	425.26	3
23450	C20H41I	6-iodoeicosane	---	7.91445	2688.9493	142.918	245.97	425.26	3
23451	C20H41I	7-iodoeicosane	---	7.91445	2688.9493	142.918	245.97	425.26	3
23452	C20H41I	8-iodoeicosane	---	7.91445	2688.9493	142.918	245.97	425.26	3
23453	C20H41I	9-iodoeicosane	---	7.91445	2688.9493	142.918	245.97	425.26	3
23454	C20H41I	10-iodoeicosane	---	7.91445	2688.9493	142.918	245.97	425.26	3
23455	C20H41I	1-iodo-2-methylnonadecane	---	7.91445	2688.9493	142.918	245.97	425.26	3
23456	C20H41I	1-iodo-3-methylnonadecane	---	7.91445	2688.9493	142.918	245.97	425.26	3
23457	C20H41I	1-iodo-4-methylnonadecane	---	7.91445	2688.9493	142.918	245.97	425.26	3
23458	C20H41I	1-iodo-5-methylnonadecane	---	7.91445	2688.9493	142.918	245.97	425.26	3
23459	C20H41I	1-iodo-6-methylnonadecane	---	7.91445	2688.9493	142.918	245.97	425.26	3
23460	C20H41I	1-iodo-7-methylnonadecane	---	7.91445	2688.9493	142.918	245.97	425.26	3
23461	C20H41I	1-iodo-8-methylnonadecane	---	7.91445	2688.9493	142.918	245.97	425.26	3
23462	C20H41I	1-iodo-9-methylnonadecane	---	7.91445	2688.9493	142.918	245.97	425.26	3
23463	C20H41I	1-iodo-10-methylnonadecane	---	7.91445	2688.9493	142.918	245.97	425.26	3
23464	C20H41I	1-iodo-11-methylnonadecane	---	7.91445	2688.9493	142.918	245.97	425.26	3
23465	C20H41I	1-iodo-12-methylnonadecane	---	7.91445	2688.9493	142.918	245.97	425.26	3
23466	C20H41I	1-iodo-13-methylnonadecane	---	7.91445	2688.9493	142.918	245.97	425.26	3
23467	C20H41I	1-iodo-14-methylnonadecane	---	7.91445	2688.9493	142.918	245.97	425.26	3
23468	C20H41I	1-iodo-15-methylnonadecane	---	7.91445	2688.9493	142.918	245.97	425.26	3
23469	C20H41I	1-iodo-16-methylnonadecane	---	7.91445	2688.9493	142.918	245.97	425.26	3
23470	C20H41I	1-iodo-17-methylnonadecane	---	7.91445	2688.9493	142.918	245.97	425.26	3
23471	C20H41I	1-iodo-18-methylnonadecane	---	7.91445	2688.9493	142.918	245.97	425.26	3
23472	C20H41I	2-iodo-2-methylnonadecane	---	7.58774	2527.5081	145.698	237.97	427.97	3
23473	C20H41I	2-iodo-3-methylnonadecane	---	7.58774	2527.5081	145.698	237.97	427.97	3
23474	C20H41I	2-iodo-4-methylnonadecane	---	7.58774	2527.5081	145.698	237.97	427.97	3
23475	C20H41I	2-iodo-5-methylnonadecane	---	7.58774	2527.5081	145.698	237.97	427.97	3
23476	C20H41I	2-iodo-6-methylnonadecane	---	7.58774	2527.5081	145.698	237.97	427.97	3
23477	C20H41I	2-iodo-7-methylnonadecane	---	7.58774	2527.5081	145.698	237.97	427.97	3
23478	C20H41I	2-iodo-8-methylnonadecane	---	7.58774	2527.5081	145.698	237.97	427.97	3
23479	C20H41I	2-iodo-9-methylnonadecane	---	7.58774	2527.5081	145.698	237.97	427.97	3
23480	C20H41I	2-iodo-10-methylnonadecane	---	7.58774	2527.5081	145.698	237.97	427.97	3
23481	C20H41I	2-iodo-11-methylnonadecane	---	7.58774	2527.5081	145.698	237.97	427.97	3
23482	C20H41I	2-iodo-12-methylnonadecane	---	7.58774	2527.5081	145.698	237.97	427.97	3
23483	C20H41I	2-iodo-13-methylnonadecane	---	7.58774	2527.5081	145.698	237.97	427.97	3
23484	C20H41I	2-iodo-14-methylnonadecane	---	7.58774	2527.5081	145.698	237.97	427.97	3
23485	C20H41I	2-iodo-15-methylnonadecane	---	7.58774	2527.5081	145.698	237.97	427.97	3
23486	C20H41I	2-iodo-16-methylnonadecane	---	7.58774	2527.5081	145.698	237.97	427.97	3
23487	C20H41I	2-iodo-17-methylnonadecane	---	7.58774	2527.5081	145.698	237.97	427.97	3
23488	C20H41I	2-iodo-18-methylnonadecane	---	7.58774	2527.5081	145.698	237.97	427.97	3
23489	C20H41I	3-iodo-2-methylnonadecane	---	7.58774	2527.5081	145.698	237.97	427.97	3
23490	C20H41I	3-iodo-3-methylnonadecane	---	7.58774	2527.5081	145.698	237.97	427.97	3
23491	C20H41I	3-iodo-4-methylnonadecane	---	7.58774	2527.5081	145.698	237.97	427.97	3
23492	C20H41I	3-iodo-5-methylnonadecane	---	7.58774	2527.5081	145.698	237.97	427.97	3
23493	C20H41I	3-iodo-6-methylnonadecane	---	7.58774	2527.5081	145.698	237.97	427.97	3
23494	C20H41I	3-iodo-7-methylnonadecane	---	7.58774	2527.5081	145.698	237.97	427.97	3
23495	C20H41I	3-iodo-8-methylnonadecane	---	7.58774	2527.5081	145.698	237.97	427.97	3
23496	C20H41I	3-iodo-9-methylnonadecane	---	7.58774	2527.5081	145.698	237.97	427.97	3
23497	C20H41I	3-iodo-10-methylnonadecane	---	7.58774	2527.5081	145.698	237.97	427.97	3
23498	C20H41I	3-iodo-11-methylnonadecane	---	7.58774	2527.5081	145.698	237.97	427.97	3
23499	C20H41I	3-iodo-12-methylnonadecane	---	7.58774	2527.5081	145.698	237.97	427.97	3
23500	C20H41I	3-iodo-13-methylnonadecane	---	7.58774	2527.5081	145.698	237.97	427.97	3
23501	C20H41I	3-iodo-14-methylnonadecane	---	7.58774	2527.5081	145.698	237.97	427.97	3
23502	C20H41I	3-iodo-15-methylnonadecane	---	7.58774	2527.5081	145.698	237.97	427.97	3
23503	C20H41I	3-iodo-16-methylnonadecane	---	7.58774	2527.5081	145.698	237.97	427.97	3
23504	C20H41I	3-iodo-17-methylnonadecane	---	7.58774	2527.5081	145.698	237.97	427.97	3
23505	C20H41I	3-iodo-18-methylnonadecane	---	7.58774	2527.5081	145.698	237.97	427.97	3
23506	C20H41NO2	1-nitroieicosane	66455-50-3	6.94294	2282.6950	146.532	237.57	460.39	3
23507	C20H42	eicosane	112-95-8	7.27683	2208.5238	158.612	193.24	380.71	1,2
23508	C20H42	2-methylnonadecane	1560-86-7	7.01251	1946.4444	132.100	191.63	376.02	1,2
23509	C20H42	3-methylnonadecane	6418-45-7	7.01404	1951.2974	132.100	192.36	377.08	1,2
23510	C20H42	4-methylnonadecane	25117-27-5	8.63191	3462.3110	265.954	187.71	369.33	1,2
23511	C20H42	5-methylnonadecane	57160-72-2	8.78842	3593.5140	272.264	189.13	368.68	1,2
23512	C20H42	4-propylheptadecane	55044-10-5	7.07145	2072.3428	170.911	170.41	361.88	2
23513	C20H42	5-butylhexadecane	6912-07-8	9.83274	4038.0840	273.150	184.02	334.00	1,2
23514	C20H42	2,2-dimethyloctadecane	61869-06-5	6.94364	1889.6212	132.100	185.82	370.22	1,2
23515	C20H42	2,3-dimethyloctadecane	61868-04-0	6.98896	1943.5655	132.100	192.42	378.41	1,2
23516	C20H42	2,4-dimethyloctadecane	61868-10-8	6.95782	1847.2938	132.100	177.96	357.12	1,2
23517	C20H42	2,4,6-trimethylheptadecane	102155-32-8	9.43360	3818.8080	276.721	176.09	334.12	1,2
23518	C20H42O	1-eicosanol	629-96-9	8.03465	2692.8728	152.551	230.25	402.36	2
23519	C20H42O	2-eicosanol	4340-76-5	7.81075	2584.5875	154.316	225.17	404.04	2
23520	C20H42O	3-eicosanol	---	7.54075	2453.7854	156.624	218.53	406.31	2

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mm Hg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
23521	C20H42O	4-eicosanol	---	7.54075	2453.7854	156.624	218.53	406.31	2
23522	C20H42O	5-eicosanol	---	7.54075	2453.7854	156.624	218.53	406.31	2
23523	C20H42O	6-eicosanol	---	7.54075	2453.7854	156.624	218.53	406.31	2
23524	C20H42O	7-eicosanol	---	7.54075	2453.7854	156.624	218.53	406.31	2
23525	C20H42O	8-eicosanol	---	7.54075	2453.7854	156.624	218.53	406.31	2
23526	C20H42O	9-eicosanol	---	7.54075	2453.7854	156.624	218.53	406.31	2
23527	C20H42O	10-eicosanol	---	7.54075	2453.7854	156.624	218.53	406.31	2
23528	C20H42O	2-octyl-1-dodecanol	5333-42-6	7.20584	2291.1602	159.798	209.40	409.58	2
23529	C20H42O	1-methoxy-nonadecane	---	8.02286	2562.3964	158.375	206.49	370.93	3
23530	C20H42O	2-methoxy-nonadecane	---	7.64402	2387.5808	161.308	198.05	373.76	3
23531	C20H42O	3-methoxy-nonadecane	---	7.64402	2387.5808	161.308	198.05	373.76	3
23532	C20H42O	4-methoxy-nonadecane	---	7.64402	2387.5808	161.308	198.05	373.76	3
23533	C20H42O	5-methoxy-nonadecane	---	7.64402	2387.5808	161.308	198.05	373.76	3
23534	C20H42O	6-methoxy-nonadecane	---	7.64402	2387.5808	161.308	198.05	373.76	3
23535	C20H42O	7-methoxy-nonadecane	---	7.64402	2387.5808	161.308	198.05	373.76	3
23536	C20H42O	8-methoxy-nonadecane	---	7.64402	2387.5808	161.308	198.05	373.76	3
23537	C20H42O	9-methoxy-nonadecane	---	7.64402	2387.5808	161.308	198.05	373.76	3
23538	C20H42O	10-methoxy-nonadecane	---	7.64402	2387.5808	161.308	198.05	373.76	3
23539	C20H42O	1-ethoxy-octadecane	---	7.69683	2411.9769	160.877	199.29	373.34	3
23540	C20H42O	2-ethoxy-octadecane	---	7.52972	2334.7486	162.267	195.29	374.72	3
23541	C20H42O	3-ethoxy-octadecane	---	7.52972	2334.7486	162.267	195.29	374.72	3
23542	C20H42O	4-ethoxy-octadecane	---	7.52972	2334.7486	162.267	195.29	374.72	3
23543	C20H42O	5-ethoxy-octadecane	---	7.52972	2334.7486	162.267	195.29	374.72	3
23544	C20H42O	6-ethoxy-octadecane	---	7.52972	2334.7486	162.267	195.29	374.72	3
23545	C20H42O	7-ethoxy-octadecane	---	7.52972	2334.7486	162.267	195.29	374.72	3
23546	C20H42O	8-ethoxy-octadecane	---	7.52972	2334.7486	162.267	195.29	374.72	3
23547	C20H42O	9-ethoxy-octadecane	---	7.52972	2334.7486	162.267	195.29	374.72	3
23548	C20H42O	1-propoxy-heptadecane	---	7.69683	2411.9769	160.877	199.29	373.34	3
23549	C20H42O	2-propoxy-heptadecane	---	7.40255	2275.9080	163.379	192.09	375.85	3
23550	C20H42O	3-propoxy-heptadecane	---	7.40255	2275.9080	163.379	192.09	375.85	3
23551	C20H42O	4-propoxy-heptadecane	---	7.40255	2275.9080	163.379	192.09	375.85	3
23552	C20H42O	5-propoxy-heptadecane	---	7.40255	2275.9080	163.379	192.09	375.85	3
23553	C20H42O	6-propoxy-heptadecane	---	7.40255	2275.9080	163.379	192.09	375.85	3
23554	C20H42O	7-propoxy-heptadecane	---	7.40255	2275.9080	163.379	192.09	375.85	3
23555	C20H42O	8-propoxy-heptadecane	---	7.40255	2275.9080	163.379	192.09	375.85	3
23556	C20H42O	9-propoxy-heptadecane	---	7.40255	2275.9080	163.379	192.09	375.85	3
23557	C20H42O	1-isopropoxy-heptadecane	---	7.13560	2152.1904	165.881	184.89	378.46	3
23558	C20H42O	2-isopropoxy-heptadecane	---	6.99774	2088.1780	167.271	180.89	379.96	3
23559	C20H42O	3-isopropoxy-heptadecane	---	6.99774	2088.1780	167.271	180.89	379.96	3
23560	C20H42O	4-isopropoxy-heptadecane	---	6.99774	2088.1780	167.271	180.89	379.96	3
23561	C20H42O	5-isopropoxy-heptadecane	---	6.99774	2088.1780	167.271	180.89	379.96	3
23562	C20H42O	6-isopropoxy-heptadecane	---	6.99774	2088.1780	167.271	180.89	379.96	3
23563	C20H42O	7-isopropoxy-heptadecane	---	6.99774	2088.1780	167.271	180.89	379.96	3
23564	C20H42O	8-isopropoxy-heptadecane	---	6.99774	2088.1780	167.271	180.89	379.96	3
23565	C20H42O	9-isopropoxy-heptadecane	---	6.99774	2088.1780	167.271	180.89	379.96	3
23566	C20H42O	didecyl ether	2456-28-2	6.93006	2056.7231	167.980	178.85	380.74	3
23567	C20H42O2	1,2-eicosanediol	39825-93-9	14.21726	5388.3376	139.304	268.37	348.97	3
23568	C20H42O2	1,3-eicosanediol	---	16.09637	6241.0845	136.246	277.17	347.01	3
23569	C20H42S	1-eicosanethiol	13373-97-2	7.60212	2520.4634	149.588	232.18	420.62	3
23570	C20H42S	3-eicosanethiol	---	7.41816	2429.2055	151.119	227.37	422.30	3
23571	C20H42S	2-eicosanethiol	62155-08-2	7.44938	2445.2848	150.980	228.17	422.02	3
23572	C20H42S	4-eicosanethiol	---	7.40350	2421.9856	151.258	226.97	422.45	3
23573	C20H42S	5-eicosanethiol	---	7.38892	2414.8016	151.397	226.57	422.59	3
23574	C20H42S	6-eicosanethiol	---	7.37441	2407.6530	151.536	226.17	422.73	3
23575	C20H42S	7-eicosanethiol	---	7.35997	2400.5396	151.675	225.77	422.87	3
23576	C20H42S	8-eicosanethiol	---	7.34560	2393.4612	151.814	225.37	423.02	3
23577	C20H42S	9-eicosanethiol	---	7.33131	2386.4175	151.953	224.97	423.16	3
23578	C20H42S	10-eicosanethiol	---	7.31709	2379.4082	152.092	224.57	423.31	3
23579	C20H42S	2-methyl-1-nonadecanethiol	---	7.37469	2407.7956	151.534	226.18	422.73	3
23580	C20H42S	3-methyl-1-nonadecanethiol	---	7.36025	2400.6815	151.673	225.78	422.87	3
23581	C20H42S	4-methyl-1-nonadecanethiol	---	7.34589	2393.6024	151.812	225.38	423.01	3
23582	C20H42S	5-methyl-1-nonadecanethiol	---	7.33159	2386.5580	151.951	224.98	423.16	3
23583	C20H42S	6-methyl-1-nonadecanethiol	---	7.31737	2379.5480	152.090	224.58	423.30	3
23584	C20H42S	7-methyl-1-nonadecanethiol	---	7.30322	2372.5722	152.229	224.18	423.45	3
23585	C20H42S	8-methyl-1-nonadecanethiol	---	7.28914	2365.6304	152.368	223.78	423.59	3
23586	C20H42S	9-methyl-1-nonadecanethiol	---	7.27512	2358.7222	152.507	223.38	423.74	3
23587	C20H42S	10-methyl-1-nonadecanethiol	---	7.26118	2351.8474	152.646	222.98	423.88	3
23588	C20H42S	11-methyl-1-nonadecanethiol	---	7.24731	2345.0058	152.785	222.58	424.03	3
23589	C20H42S	12-methyl-1-nonadecanethiol	---	7.23350	2338.1971	152.924	222.18	424.17	3
23590	C20H42S	13-methyl-1-nonadecanethiol	---	7.21977	2331.4211	153.063	221.78	424.32	3
23591	C20H42S	14-methyl-1-nonadecanethiol	---	7.20610	2324.6775	153.202	221.38	424.46	3
23592	C20H42S	15-methyl-1-nonadecanethiol	---	7.19250	2317.9662	153.341	220.98	424.61	3
23593	C20H42S	16-methyl-1-nonadecanethiol	---	7.17896	2311.2868	153.480	220.58	424.76	3
23594	C20H42S	17-methyl-1-nonadecanethiol	---	7.16549	2304.6391	153.619	220.18	424.91	3
23595	C20H42S	18-methyl-1-nonadecanethiol	---	7.15209	2298.0230	153.758	219.78	425.05	3
23596	C20H42S	2-methyl-2-nonadecanethiol	---	7.17896	2311.2868	153.480	220.58	424.76	3
23597	C20H42S	3-methyl-2-nonadecanethiol	---	7.16549	2304.6391	153.619	220.18	424.91	3
23598	C20H42S	4-methyl-2-nonadecanethiol	---	7.15209	2298.0230	153.758	219.78	425.05	3
23599	C20H42S	5-methyl-2-nonadecanethiol	---	7.13875	2291.4381	153.897	219.38	425.20	3
23600	C20H42S	6-methyl-2-nonadecanethiol	---	7.12547	2284.8843	154.036	218.98	425.35	3

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mm Hg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
23601	C20H42S	7-methyl-2-nonadecanethiol	---	7.11226	2278.3613	154.175	218.58	425.50	3
23602	C20H42S	8-methyl-2-nonadecanethiol	---	7.09912	2271.8689	154.314	218.18	425.65	3
23603	C20H42S	9-methyl-2-nonadecanethiol	---	7.08603	2265.4068	154.453	217.78	425.80	3
23604	C20H42S	10-methyl-2-nonadecanethiol	---	7.07301	2258.9750	154.592	217.38	425.95	3
23605	C20H42S	11-methyl-2-nonadecanethiol	---	7.06005	2252.5731	154.731	216.98	426.10	3
23606	C20H42S	12-methyl-2-nonadecanethiol	---	7.04716	2246.2009	154.870	216.58	426.25	3
23607	C20H42S	13-methyl-2-nonadecanethiol	---	7.03432	2239.8582	155.009	216.18	426.40	3
23608	C20H42S	14-methyl-2-nonadecanethiol	---	7.02155	2233.5448	155.148	215.78	426.55	3
23609	C20H42S	15-methyl-2-nonadecanethiol	---	7.00883	2227.2605	155.287	215.38	426.70	3
23610	C20H42S	16-methyl-2-nonadecanethiol	---	6.99618	2221.0052	155.426	214.98	426.85	3
23611	C20H42S	17-methyl-2-nonadecanethiol	---	6.98358	2214.7785	155.565	214.58	427.01	3
23612	C20H42S	18-methyl-2-nonadecanethiol	---	6.97105	2208.5802	155.704	214.18	427.16	3
23613	C20H42S	2-thiaheicosane	62155-12-8	7.70881	2494.9392	152.504	219.39	398.62	3
23614	C20H42S	3-thiaheicosane	41947-84-6	7.67556	2479.0879	152.782	218.59	398.90	3
23615	C20H42S	4-thiaheicosane	66455-35-4	7.64267	2463.4061	153.060	217.79	399.17	3
23616	C20H42S	5-thiaheicosane	18437-89-3	7.61014	2447.8909	153.338	216.99	399.45	3
23617	C20H42S	6-thiaheicosane	---	7.57796	2432.5397	153.616	216.19	399.72	3
23618	C20H42S	7-thiaheicosane	---	7.54612	2417.3498	153.894	215.39	400.00	3
23619	C20H42S	8-thiaheicosane	---	7.51463	2402.3187	154.172	214.59	400.28	3
23620	C20H42S	9-thiaheicosane	---	7.48347	2387.4437	154.450	213.79	400.56	3
23621	C20H42S	10-thiaheicosane	---	7.45263	2372.7225	154.728	212.99	400.84	3
23622	C20H42S	11-thiaheicosane	693-83-4	7.42213	2358.1525	155.006	212.19	401.12	3
23623	C20H42S	3-methyl-2-thiaicosane	---	7.39194	2343.7315	155.284	211.39	401.41	3
23624	C20H42S	4-methyl-2-thiaicosane	---	7.36207	2329.4571	155.562	210.59	401.69	3
23625	C20H42S	5-methyl-2-thiaicosane	---	7.33251	2315.3269	155.840	209.79	401.98	3
23626	C20H42S	6-methyl-2-thiaicosane	---	7.30325	2301.3389	156.118	208.99	402.27	3
23627	C20H42S	7-methyl-2-thiaicosane	---	7.27429	2287.4908	156.396	208.19	402.56	3
23628	C20H42S	8-methyl-2-thiaicosane	---	7.24562	2273.7804	156.674	207.39	402.85	3
23629	C20H42S	9-methyl-2-thiaicosane	---	7.21725	2260.2057	156.952	206.59	403.14	3
23630	C20H42S	10-methyl-2-thiaicosane	---	7.18917	2246.7646	157.230	205.79	403.44	3
23631	C20H42S	11-methyl-2-thiaicosane	---	7.16136	2233.4551	157.508	204.99	403.73	3
23632	C20H42S	12-methyl-2-thiaicosane	---	7.13384	2220.2752	157.786	204.19	404.03	3
23633	C20H42S	2-methyl-3-thiaicosane	---	7.36207	2329.4571	155.562	210.59	401.69	3
23634	C20H42S	4-methyl-3-thiaicosane	---	7.33251	2315.3269	155.840	209.79	401.98	3
23635	C20H42S	5-methyl-3-thiaicosane	---	7.30325	2301.3389	156.118	208.99	402.27	3
23636	C20H42S	6-methyl-3-thiaicosane	---	7.27429	2287.4908	156.396	208.19	402.56	3
23637	C20H42S	7-methyl-3-thiaicosane	---	7.24562	2273.7804	156.674	207.39	402.85	3
23638	C20H42S	8-methyl-3-thiaicosane	---	7.21725	2260.2057	156.952	206.59	403.14	3
23639	C20H42S	9-methyl-3-thiaicosane	---	7.18917	2246.7646	157.230	205.79	403.44	3
23640	C20H42S	10-methyl-3-thiaicosane	---	7.16136	2233.4551	157.508	204.99	403.73	3
23641	C20H42S	11-methyl-3-thiaicosane	---	7.13384	2220.2752	157.786	204.19	404.03	3
23642	C20H42S	12-methyl-3-thiaicosane	---	7.10658	2207.2230	158.064	203.39	404.32	3
23643	C20H42S2	1,20-eicosanedithiol	---	6.63619	2218.3526	139.349	254.24	502.84	3
23644	C20H42S2	1,19-eicosanedithiol	---	6.62610	2212.9128	139.488	253.84	503.01	3
23645	C20H42S2	1,18-eicosanedithiol	---	6.61605	2207.4943	139.627	253.44	503.17	3
23646	C20H42S2	1,17-eicosanedithiol	---	6.60604	2202.0969	139.766	253.04	503.33	3
23647	C20H42S2	1,16-eicosanedithiol	---	6.59607	2196.7206	139.905	252.64	503.50	3
23648	C20H42S2	1,15-eicosanedithiol	---	6.58614	2191.3652	140.044	252.24	503.66	3
23649	C20H42S2	1,14-eicosanedithiol	---	6.57626	2186.0306	140.183	251.84	503.83	3
23650	C20H42S2	1,12-eicosanedithiol	---	6.56641	2180.7167	140.322	251.44	503.99	3
23651	C20H42S2	1,11-eicosanedithiol	---	6.55660	2175.4233	140.461	251.04	504.16	3
23652	C20H42S2	1,10-eicosanedithiol	---	6.54683	2170.1503	140.600	250.64	504.32	3
23653	C20H42S2	1,9-eicosanedithiol	---	6.53709	2164.8976	140.739	250.24	504.49	3
23654	C20H42S2	1,8-eicosanedithiol	---	6.52740	2159.6651	140.878	249.84	504.65	3
23655	C20H42S2	1,7-eicosanedithiol	---	6.51775	2154.4526	141.017	249.44	504.82	3
23656	C20H42S2	1,6-eicosanedithiol	---	6.50813	2149.2601	141.156	249.04	504.99	3
23657	C20H42S2	1,5-eicosanedithiol	---	6.49855	2144.0874	141.295	248.64	505.16	3
23658	C20H42S2	1,4-eicosanedithiol	---	6.48901	2138.9344	141.434	248.24	505.32	3
23659	C20H42S2	1,3-eicosanedithiol	---	6.47951	2133.8010	141.573	247.84	505.49	3
23660	C20H42S2	1,2-eicosanedithiol	---	6.47004	2128.6870	141.712	247.44	505.66	3
23661	C20H42S2	2,3-dithiadocosane	---	7.31422	2422.8781	145.140	238.58	441.18	3
23662	C20H42S2	3,4-dithiadocosane	---	7.28654	2408.9742	145.418	237.78	441.46	3
23663	C20H42S2	4,5-dithiadocosane	---	7.25913	2395.2023	145.696	236.98	441.75	3
23664	C20H42S2	5,6-dithiadocosane	---	7.23198	2381.5605	145.974	236.18	442.05	3
23665	C20H42S2	6,7-dithiadocosane	---	7.20509	2368.0470	146.252	235.38	442.34	3
23666	C20H42S2	7,8-dithiadocosane	---	7.17847	2354.6598	146.530	234.58	442.63	3
23667	C20H42S2	8,9-dithiadocosane	---	7.15209	2341.3971	146.808	233.78	442.93	3
23668	C20H42S2	9,10-dithiadocosane	---	7.12597	2328.2572	147.086	232.98	443.22	3
23669	C20H42S2	10,11-dithiadocosane	---	7.10009	2315.2384	147.364	232.18	443.52	3
23670	C20H42S2	11,12-dithiadocosane	10496-18-1	7.12854	2332.0289	147.642	232.88	443.24	3
23671	C20H42S2	2,4-dithiadocosane	---	7.60679	2569.6275	142.360	246.58	438.35	3
23672	C20H42S2	3,5-dithiadocosane	---	7.57618	2554.2893	142.638	245.78	438.63	3
23673	C20H42S2	4,6-dithiadocosane	---	7.54588	2539.1044	142.916	244.98	438.91	3
23674	C20H42S2	5,7-dithiadocosane	---	7.51589	2524.0707	143.194	244.18	439.19	3
23675	C20H42S2	6,8-dithiadocosane	---	7.48621	2509.1858	143.472	243.38	439.47	3
23676	C20H42S2	7,9-dithiadocosane	---	7.45682	2494.4474	143.750	242.58	439.75	3
23677	C20H42S2	8,10-dithiadocosane	---	7.42773	2479.8533	144.028	241.78	440.03	3
23678	C20H42S2	9,11-dithiadocosane	---	7.39893	2465.4015	144.306	240.98	440.32	3
23679	C20H42S2	10,12-dithiadocosane	---	7.37041	2451.0897	144.584	240.18	440.60	3
23680	C20H43N	eicosylamine	10525-37-8	8.21061	2764.2598	149.590	233.77	400.10	2

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mm Hg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
23681	C20H43N	methylnonadecylamine	66455-36-5	7.70814	2487.5967	156.262	214.57	393.32	2
23682	C20H43N	ethyloctadecylamine	7317-85-3	7.77594	2519.8128	155.706	216.17	392.78	2
23683	C20H43N	didecylamine	1120-49-6	7.54833	2428.3309	156.262	214.57	399.87	1,2
23684	C20H43N	dimethyloctadecylamine	124-28-7	8.35453	2715.7815	157.096	212.17	367.93	2
23685	C20H43N	diethylhexadecylamine	30951-88-3	6.94341	2110.9349	164.602	190.57	396.58	1,2
23686	C20H60O8Si9	eicosamethylnonasiloxane	2652-13-3	9.24176	3301.0522	211.456	189.07	333.28	3
23687	C21H16	1,2-dihydro-3-methylbenz[j]aceanthrylene	56-49-5	16.80721	8629.7239	273.150	272.79	360.21	3
23688	C21H21O4P	tri-o-cresyl phosphate	78-30-8	9.94978	3780.3272	165.278	257.12	393.29	3
23689	C21H21O4P	tri-m-cresyl phosphate	563-04-2	9.94978	3780.3272	165.278	257.12	393.29	3
23690	C21H21O4P	tri-p-cresyl phosphate	78-32-0	18.30951	1.4417E+04	564.914	267.97	388.09	3
23691	C21H26	1,1-diphenyl-1-nonene	1530-26-3	6.82436	2108.7227	153.482	208.57	425.44	2
23692	C21H26	1,8-paracyclophane	6169-94-4	8.15767	3321.2286	273.150	190.86	394.32	3
23693	C21H28	1,1-diphenylnonane	1726-13-2	6.64355	2012.9900	156.818	199.87	424.68	2
23694	C21H30	1-undecylnaphthalene	7225-71-0	6.98727	2227.4815	147.366	224.67	437.98	2
23695	C21H30	2-undecylnaphthalene	61886-68-8	7.11548	2291.1437	145.976	228.67	436.47	2
23696	C21H36	pentadecylbenzene	2131-18-2	7.78783	2648.7869	174.066	216.16	401.01	2
23697	C21H38O2	2-heneicosynoic acid	---	7.72020	2866.7259	126.571	300	505	3
23698	C21H38S	2-heptadecylthiophene	---	7.11047	2275.1796	151.731	220.61	427.40	2
23699	C21H38S	3-heptadecylthiophene	---	7.16372	2301.4408	151.175	222.21	426.80	2
23700	C21H38S	2-isoheptadecylthiophene	---	6.98175	2211.6383	153.121	216.61	428.90	2
23701	C21H38S	3-isoheptadecylthiophene	---	7.03250	2236.7014	152.565	218.21	428.30	2
23702	C21H38S	2-sec-heptadecylthiophene	---	6.85896	2150.9470	154.511	212.61	430.44	2
23703	C21H38S	3-sec-heptadecylthiophene	---	6.90739	2174.8943	153.955	214.21	429.82	2
23704	C21H38S	2-tert-heptadecylthiophene	---	6.74170	2092.9132	155.901	208.61	432.02	2
23705	C21H38S	3-tert-heptadecylthiophene	---	6.78797	2115.8195	155.345	210.21	431.38	2
23706	C21H38S	2-methyl-3-hexadecylthiophene	---	7.13697	2288.2481	151.453	221.41	427.10	2
23707	C21H38S	2-methyl-4-hexadecyl thiophene	---	7.16372	2301.4408	151.175	222.21	426.80	2
23708	C21H38S	2-methyl-5-hexadecyl thiophene	---	7.19074	2314.7596	150.897	223.01	426.51	2
23709	C21H38S	3-methyl-2-hexadecylthiophene	---	7.19074	2314.7596	150.897	223.01	426.51	2
23710	C21H38S	3-methyl-4-hexadecyl thiophene	---	7.21802	2328.2062	150.619	223.81	426.22	2
23711	C21H38S	3-methyl-5-hexadecylthiophene	---	7.24557	2341.7826	150.341	224.61	425.92	2
23712	C21H40	1-heneicosyne	61847-81-2	7.60216	2417.8584	157.652	208.57	389.34	2
23713	C21H40	1,1-dicyclohexylnonane	62155-19-5	6.57621	1964.3123	157.096	195.17	421.60	2
23714	C21H40	1-hexadecylcyclopentene	62184-81-0	7.15024	2195.9221	159.876	197.17	393.48	2
23715	C21H40	undecyldecahydro-naphthalene	66326-27-0	8.65822	3634.3137	259.597	214.97	404.04	3
23716	C21H40O2	2-heneicosenoic acid	---	7.89696	2834.8302	134.856	276.17	466.37	3
23717	C21H41Br	1-bromo-1-heneicosene	---	7.50342	2520.8829	146.254	241.37	437.07	3
23718	C21H41Cl	1-chloro-1-heneicosene	---	6.58861	2155.1053	146.254	239.37	486.34	3
23719	C21H41F	1-fluoro-1-heneicosene	---	6.14906	1882.7880	158.486	207.17	476.04	3
23720	C21H41I	1-iodo-1-heneicosene	---	8.70048	3052.5501	142.640	253.77	410.49	3
23721	C21H41N	heneicosanenitrile	66326-13-4	6.95167	2274.5381	145.698	236.47	457.66	2
23722	C21H42	hexadecylcyclopentane	6812-39-1	7.78893	2484.3924	154.870	211.08	384.38	2
23723	C21H42	pentadecylcyclohexane	6006-95-7	7.49971	2205.4886	126.182	213.14	384.60	2
23724	C21H42	1-heneicosene	1599-68-4	7.23780	2045.6480	123.199	204.75	381.16	2
23725	C21H42Br2	1,1-dibromoheneicosane	62168-38-1	7.79488	2743.8152	137.636	266.17	457.16	3
23726	C21H42Cl2	1,1-dichloroheneicosane	62017-23-6	6.88082	2339.6512	143.474	254.37	489.04	3
23727	C21H42F2	1,1-difluoroheneicosane	62127-10-0	6.13729	1872.2157	161.266	203.17	472.21	3
23728	C21H42I2	1,1-diiodoheneicosane	66326-14-5	10.38892	4311.6888	110.782	348.45	487.48	3
23729	C21H42O	2-heneicosanone	---	7.23483	2308.2932	154.455	215.77	415.07	3
23730	C21H42O	2-heneicosen-1-ol	---	7.78086	2726.3398	140.694	261.37	452.12	3
23731	C21H42O2	heneicosanoic acid	2363-71-5	9.00347	3286.7134	135.051	275.61	429.52	3
23732	C21H42O2	eicosyl formate	66326-15-6	14.44732	5689.8327	127.350	295.77	377.72	3
23733	C21H42O2	nonadecyl acetate	53939-51-8	12.99654	5007.0944	130.408	286.97	379.75	3
23734	C21H42O2	octadecyl propanoate	52663-48-6	10.80892	3969.4488	136.107	268.57	384.33	3
23735	C21H42O2	heptadecyl butanoate	84869-41-0	10.13732	3652.3524	138.748	260.97	386.36	3
23736	C21H42O2	heptadecyl isobutanoate	---	9.52918	3364.7469	141.528	252.97	388.58	3
23737	C21H42O2	hexadecyl pentanoate	---	10.11119	3640.0081	138.860	260.65	386.44	3
23738	C21H42O2	hexadecyl isopentanoate	---	9.50666	3354.0877	141.640	252.65	388.67	3
23739	C21H42O2	hexadecyl sec-pentanoate	---	9.50666	3354.0877	141.640	252.65	388.67	3
23740	C21H42O2	hexadecyl tert-pentanoate	---	8.98279	3105.8592	144.420	244.65	390.99	3
23741	C21H42O2	propyl stearate	3634-92-2	9.40624	3358.3729	138.860	260.65	400.69	1,2
23742	C21H42O2	isopropyl stearate	112-10-7	9.29869	3272.0844	141.640	252.65	393.29	1,2
23743	C21H42O2	isopropyl isostearate	68171-33-5	8.95357	3092.0001	144.586	244.17	391.13	3
23744	C21H42O2	methyl eicosanoate	1120-28-1	10.11119	3640.0081	138.860	260.65	386.44	3
23745	C21H43Br	1-bromoheneicosane	4276-50-0	7.36487	2473.8242	145.698	242.97	445.70	3
23746	C21H43Cl	1-chloroheneicosane	66326-16-7	6.70116	2182.8722	149.312	233.57	470.94	3
23747	C21H43F	1-fluoroheneicosane	62126-78-7	6.23942	1889.8599	157.930	202.77	460.16	3
23748	C21H43I	1-iodoheneicosane	62127-52-0	7.86648	2709.7228	139.860	254.77	438.57	3
23749	C21H44	heneicosane	629-94-7	7.68496	2582.1995	180.944	205.33	392.48	1,2
23750	C21H44	2-methylcosane	1560-84-5	7.17150	2070.6000	131.500	204.01	387.49	1,2
23751	C21H44	3-methyleicosane	6418-46-8	9.20575	3924.1990	273.334	204.89	378.10	1,2
23752	C21H44	4-methyleicosane	25117-28-6	8.83930	3721.7160	276.553	198.20	381.29	1,2
23753	C21H44	5-methyleicosane	25117-36-6	9.00585	3844.5830	279.912	200.31	380.22	1,2
23754	C21H44	8-hexylpentadecane	13475-75-7	6.80393	1988.4157	170.234	172.36	378.74	2
23755	C21H44	2,3-dimethylnonadecane	75163-99-4	8.64335	3665.8780	284.578	195.04	386.64	1,2
23756	C21H44	2,4-dimethylnonadecane	115209-60-4	9.82627	4183.2980	281.259	192.70	348.34	1,2
23757	C21H44	2,4,6-trimethyloctadecane	114000-79-2	9.42475	3841.6350	269.009	186.99	346.35	1,2
23758	C21H44O	1-henicosanol	15594-90-8	7.50299	2477.4711	153.524	227.45	419.81	3
23759	C21H44S	1-henicosanethiol	66326-17-8	7.68383	2602.6003	145.528	243.86	432.57	3
23760	C21H44S	2-thiadocosane	---	7.79429	2578.5102	148.445	231.07	410.59	3

Table 1 Vapor Pressure – Organic Compounds

log ₁₀ P = A - B/(T + C) (P - mm Hg, T - C)									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
23761	C21H44S2	1,21-heneicosanedithiol	---	6.66316	2264.4340	136.014	263.84	514.44	3
23762	C21H44S2	2,3-dithiatricosane	---	7.33987	2472.4327	141.804	248.18	452.81	3
23763	C21H44S2	3,4-dithiatricosane	---	7.31235	2458.4050	142.082	247.38	453.10	3
23764	C21H44S2	2,4-dithiatricosane	---	7.48159	2544.6182	140.414	252.18	451.39	3
23765	C21H44S2	3,5-dithiatricosane	---	7.45269	2529.9014	140.692	251.38	451.67	3
23766	C21H45N	heneicosylamine	14130-15-5	8.18196	2798.2659	146.254	243.37	413.39	2
23767	C21H45N	methyleicosylamine	66326-20-3	7.65877	2507.5206	153.204	223.37	406.89	2
23768	C21H45N	ethylnonadecylamine	66326-79-0	7.75759	2555.3184	152.370	225.77	406.08	2
23769	C21H45N	isopropyloctadecylamine	13329-71-0	7.43515	2399.2395	155.197	217.64	408.89	2
23770	C21H45N	dimethylnonadecylamine	49859-87-2	8.32076	2749.1674	153.760	221.77	381.21	3
23771	C21H45N	diethylheptadecylamine	66326-18-9	7.36979	2302.2743	161.266	200.17	388.47	3
23772	C21H45N	triheptylamine	2411-36-1	7.70657	2385.4889	164.324	191.37	362.89	1,2
23773	C22H17NO3S	2-(3-methoxypropyl)-1h-xanthenol[2,1,9-def]isoquinoline-1,3(2h)-dione	36245-88-2	13.60010	7880.0000	273.150	352.24	483.21	3
23774	C22H22	tribenzylmethane	4742-04-5	9.73311	4364.3905	273.150	226.60	393.04	3
23775	C22H28	1,1-diphenyl-1-decene	1530-27-4	6.83559	2152.3899	149.868	218.97	439.22	2
23776	C22H30	1,1-diphenyldecane	1530-07-0	6.46701	1961.4331	155.706	203.07	441.35	2
23777	C22H32	1-dodecyl-naphthalene	26438-28-8	6.97452	2260.1643	144.030	234.27	451.90	2
23778	C22H32	2-dodecyl-naphthalene	60899-39-0	7.51580	2485.3362	142.362	239.07	431.09	1,2
23779	C22H38	1-phenylhexadecane	1459-09-2	7.82750	2716.2493	170.552	227.29	414.13	2
23780	C22H38	1,2-bis(dekahydro-1-naphthyl)ethane	54934-69-9	9.29346	4085.1028	258.487	234.08	409.93	3
23781	C22H38	1,1-bis(dekahydro-1-naphthyl)ethane	54934-70-2	10.89205	6259.2219	402.753	230.00	409.06	3
23782	C22H38	1,5-dicyclopentyl-3-(2-cyclopentylethyl)-2-pentene	54934-71-3	8.66292	3757.9453	271.375	219.03	414.25	3
23783	C22H39N	4-hexadecylaniline	79098-13-8	6.65276	1961.7902	165.200	181.85	400.01	2
23784	C22H40	1,5-dicyclopentyl-3-(2-cyclopentylethyl)-pentane	55255-85-1	8.43784	3498.2101	249.157	221.17	416.41	3
23785	C22H40O2	2-docosynoic acid	---	7.72104	2902.7980	123.741	308	516	3
23786	C22H40O2	13-docosynoic acid	506-35-4	7.72104	2902.7980	123.741	308	516	3
23787	C22H42	1,1-dicyclohexyldecane	62155-20-8	6.55649	1989.2683	154.038	203.97	435.44	2
23788	C22H42	1-docosyne	61847-82-3	7.58299	2452.0726	154.316	218.17	402.83	2
23789	C22H42O2	2-docosenoic acid	---	8.08892	2972.9386	130.408	288.97	475.44	3
23790	C22H42O2	cis-11-docosenoic acid	506-36-5	8.08892	2972.9386	130.408	288.97	475.44	3
23791	C22H42O2	13-docosenoic acid	1072-39-5	8.08892	2972.9386	130.408	288.97	475.44	3
23792	C22H42O2	cis-13-docosenoic acid	112-86-7	8.08892	2972.9386	130.408	288.97	475.44	3
23793	C22H42O2	trans-13-docosenoic acid	506-33-2	8.08892	2972.9386	130.408	288.97	475.44	3
23794	C22H42O2	butyl oleate	142-77-8	7.21110	3020.0828	282.752	203.49	466.79	3
23795	C22H43Br	1-bromo-1-docosene	---	7.44599	2535.6351	143.196	250.17	451.44	3
23796	C22H43Cl	1-chloro-1-docosene	---	6.54010	2168.2080	143.196	248.17	502.44	3
23797	C22H43F	1-fluoro-1-docosene	---	6.10749	1896.9149	155.428	215.97	492.95	3
23798	C22H43I	1-iodo-1-docosene	---	8.55168	3029.0398	140.138	260.97	423.95	3
23799	C22H44	heptadecylcyclopentane	62016-52-8	7.80097	2534.9147	151.258	221.47	397.53	2
23800	C22H44	hexadecylcyclohexane	6812-38-0	7.38809	2150.7162	113.214	223.46	398.10	2
23801	C22H44	1-docosene	1599-67-3	7.11705	1993.4366	111.616	214.27	394.95	2
23802	C22H44Br2	1,1-dibromodocosane	62168-39-2	7.74851	2760.3191	134.856	274.17	469.59	3
23803	C22H44Cl2	1,1-dichlorodocosane	62017-24-7	6.84227	2357.8611	140.416	263.17	503.73	3
23804	C22H44CuN2S4	bis[bis(3-methylbutyl)dithio-carbamate]copper	69090-74-0	14.07600	7785.0000	273.150	322.22	441.45	3
23805	C22H44F2	1,1-difluorodocosane	62127-11-1	6.05633	1863.8272	159.042	209.57	489.36	3
23806	C22H44I2	1,1-diiododocosane	663026-05-4	10.64583	4505.1966	106.612	360.45	496.98	3
23807	C22H44N2NiS4	bis[bis(3-methylbutyl)dithio-carbamate]nickel	55935-69-8	15.84600	8590.0000	273.150	305.46	405.14	3
23808	C22H44O	2-docosanone	---	7.32160	2389.9143	150.285	227.77	427.02	3
23809	C22H44O	2-docosen-1-ol	---	7.93513	2849.9116	135.968	274.97	463.60	3
23810	C22H44O	cis-13-docosen-1-ol	629-98-1	7.93513	2849.9116	135.968	274.97	463.60	3
23811	C22H44O2	docosanoic acid	112-85-6	9.45200	3557.8194	129.574	291.37	437.85	3
23812	C22H44O2	eicosyl acetate	822-24-2	14.11774	5625.7027	124.292	304.57	390.13	3
23813	C22H44O2	nonadecyl propanoate	66326-06-5	11.38746	4312.0157	130.547	284.57	394.95	3
23814	C22H44O2	octadecyl butanoate	13373-83-6	10.64309	3955.1930	133.188	276.97	396.91	3
23815	C22H44O2	octadecyl isobutanoate	---	9.97337	3633.6604	135.968	268.97	399.06	3
23816	C22H44O2	heptadecyl pentanoate	---	10.64309	3955.1930	133.188	276.97	396.91	3
23817	C22H44O2	heptadecyl isopentanoate	---	9.97337	3633.6604	135.968	268.97	399.06	3
23818	C22H44O2	heptadecyl sec-pentanoate	---	9.97337	3633.6604	135.968	268.97	399.06	3
23819	C22H44O2	heptadecyl tert-pentanoate	---	9.96522	3356.2415	138.748	260.97	401.30	3
23820	C22H44O2	butyl stearate	123-95-5	9.69522	3557.7199	133.188	275.97	413.03	1,2
23821	C22H44O2	isobutyl stearate	646-13-9	9.64891	3502.2734	135.968	268.97	405.59	1,2
23822	C22H44O2	ethyl eicosanoate	18281-05-5	10.64309	3955.1930	133.188	276.97	396.91	3
23823	C22H44O2	methyl heneicosanoate	6064-90-0	10.36100	3787.8067	130.027	274.61	397.59	3
23824	C22H45Br	1-bromodocosane	6938-66-5	7.31415	2490.3670	142.640	251.77	460.02	3
23825	C22H45Cl	1-chlorodocosane	42217-03-8	6.64881	2195.2657	146.254	242.37	486.94	3
23826	C22H45F	1-fluorodocosane	62126-79-8	6.19457	1903.5109	154.872	211.57	476.95	3
23827	C22H45I	1-iododocosane	62127-53-1	7.76571	2701.7397	137.358	261.97	452.04	3
23828	C22H46	docosane	629-97-0	7.91195	2876.7429	203.138	213.06	405.04	1,2
23829	C22H46	2-methylheneicosane	1560-82-3	7.19000	2112.4000	126.900	214.36	400.13	1,2
23830	C22H46	3-methyluneicosane	6418-47-9	9.11342	3952.2180	276.038	211.08	390.26	1,2
23831	C22H46	5-methyluneicosane	25117-17-3	9.08508	3965.8790	280.199	210.32	391.62	1,2
23832	C22H46	4-methyluneicosane	25117-29-7	8.78508	3750.8890	276.229	205.58	393.19	1,2
23833	C22H46	5-methylheneicosane	25117-37-7	9.06280	3939.8000	278.300	210.34	391.63	1,2
23834	C22H46	8-heptylpentadecane	71005-15-7	7.07184	2150.9363	164.030	190.22	388.91	2
23835	C22H46	2,4-dimethyleicosane	75163-98-3	9.88458	4354.6150	291.336	198.80	358.34	1,2
23836	C22H46	2,4,6-trimethylnonadecane	102886-19-1	9.70049	4159.1920	280.355	197.69	357.69	1,2
23837	C22H46O	1-docosanol	661-19-8	7.47377	2503.5110	150.466	236.25	432.84	3
23838	C22H46S	1-docosanethiol	7773-83-3	7.61089	2606.3126	142.941	251.30	445.52	3
23839	C22H46S	2-thiatricosane	---	7.71467	2580.9124	145.858	238.51	423.53	3
23840	C22H46S2	1,22-docosanedithiol	---	6.67545	2301.9364	132.956	272.64	525.94	3

Table 1 Vapor Pressure – Organic Compounds

log ₁₀ P = A - B/(T + C) (P - mm Hg, T - C)									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
23841	C22H46S2	2,3-dithiatetracosane	---	7.34575	2511.1637	138.746	256.98	464.33	3
23842	C22H46S2	3,4-dithiatetracosane	---	7.31857	2497.1068	139.024	256.18	464.62	3
23843	C22H46S2	2,4-dithiatetracosane	---	7.48570	2583.4718	137.356	260.98	462.91	3
23844	C22H46S2	3,5-dithiatetracosane	---	7.45716	2568.7338	137.634	260.18	463.19	3
23845	C22H47N	docosylamine	14130-06-4	8.16910	2838.1644	142.918	252.97	426.16	2
23846	C22H47N	methylheneicosylamine	66326-08-7	7.62399	2532.4579	150.146	232.17	419.95	2
23847	C22H47N	ethyleicosylamine	66326-07-6	7.72002	2579.6986	149.312	234.57	419.13	2
23848	C22H47N	diundecylamine	16165-33-6	7.65566	2548.0413	149.868	232.97	419.68	2
23849	C22H47N	dimethyleicosylamine	45275-74-9	8.26446	2769.7362	150.702	230.57	394.24	3
23850	C22H47N	diethyloctadecylamine	30427-51-1	7.34201	2328.6486	158.208	208.97	401.54	3
23851	C23H30	1,1-diphenyl-1-undecene	1530-28-5	6.80974	2176.2147	146.810	227.77	453.05	2
23852	C23H32	1,1-diphenylundecane	1530-08-1	6.55355	2038.8652	151.258	215.87	453.44	2
23853	C23H40	heptadecylbenzene	14752-75-1	7.03584	2115.6659	118.218	232.30	430.74	2
23854	C23H42O2	2-tricosynoic acid	---	7.72184	2937.8325	120.993	316	526	3
23855	C23H44	1,1-dicyclohexylundecane	62155-21-9	6.52455	2006.6742	151.258	211.97	449.06	2
23856	C23H44	1-tricosyne	61847-83-4	7.57696	2491.0265	150.980	227.77	415.79	2
23857	C23H44O2	2-tricosenoic acid	---	8.29831	3121.7080	125.960	301.77	484.17	3
23858	C23H45Br	1-bromo-1-tricosene	---	7.37295	2540.1716	140.416	258.17	465.67	3
23859	C23H45Cl	1-chloro-1-tricosene	---	6.48255	2174.3053	140.416	256.17	518.32	3
23860	C23H45F	1-fluoro-1-tricosene	---	6.07451	1913.8007	152.370	224.77	509.23	3
23861	C23H45I	1-iodo-1-tricosene	---	8.42437	3012.8558	137.636	268.17	437.06	3
23862	C23H46	1-tricosene	18835-32-0	6.99922	1940.9775	100.097	223.44	408.36	2
23863	C23H46	cis-9-tricosene	27519-02-4	6.65985	2014.2961	161.822	194.07	417.33	2
23864	C23H46	octadecylcyclopentane	62016-53-9	7.79249	2574.2999	147.922	231.07	410.42	2
23865	C23H46	heptadecylcyclohexane	19781-73-8	7.35855	2189.5114	112.781	231.56	411.44	2
23866	C23H46	9-cyclohexyl-heptadecane	55124-77-1	6.60655	1991.1221	158.228	196.91	423.17	2
23867	C23H46Br2	1,1-dibromotricosane	62168-40-5	7.71128	2780.1217	132.076	282.17	481.71	3
23868	C23H46Cl2	1,1-dichlorotricosane	62017-25-8	6.79135	2367.5423	137.636	271.17	518.28	3
23869	C23H46F2	1,1-difluorotricosane	62127-12-2	5.98645	1858.8917	156.818	215.97	505.98	3
23870	C23H46I2	1,1-diiodotricosane	66325-82-4	10.92419	4712.9155	102.442	372.45	506.28	3
23871	C23H46O	2-tricosanone	---	7.41845	2476.7836	146.115	239.77	438.50	3
23872	C23H46O	12-tricosanone	540-09-0	7.69018	2613.0737	143.613	246.97	436.00	3
23873	C23H46O2	tricosanoic acid	2433-96-7	9.75316	3757.6990	125.126	304.17	446.71	3
23874	C23H46O2	eicosyl propanoate	65591-14-2	12.05687	4705.3325	124.987	300.57	405.19	3
23875	C23H46O2	nonadecyl butanoate	84869-42-1	11.22308	4299.8119	127.628	292.97	407.09	3
23876	C23H46O2	nonadecyl isobutanoate	---	10.47857	3937.1910	130.408	284.97	409.18	3
23877	C23H46O2	octadecyl pentanoate	---	11.19090	4284.1473	127.740	292.65	407.17	3
23878	C23H46O2	octadecyl isopentanoate	---	10.45119	3923.8451	130.520	284.65	409.26	3
23879	C23H46O2	octadecyl sec-pentanoate	---	10.45119	3923.8451	130.520	284.65	409.26	3
23880	C23H46O2	octadecyl tert-pentanoate	---	9.81796	3614.9189	133.300	276.65	411.43	3
23881	C23H46O2	isostearyl neopentanoate	58958-60-4	9.81796	3614.9189	133.300	276.65	411.43	3
23882	C23H46O2	isopentyl stearate	627-88-3	9.81796	3614.9189	133.300	276.65	411.43	3
23883	C23H46O2	pentyl stearate	6382-13-4	11.19090	4284.1473	127.740	292.65	407.17	3
23884	C23H46O2	methyl docosanoate	929-77-1	11.89779	4525.4718	114.087	301.18	405.13	3
23885	C23H47Br	1-bromotricosane	62108-44-5	7.24820	2496.9696	139.860	259.77	474.20	3
23886	C23H47Cl	1-chlorotricosane	62016-77-7	6.58701	2200.4115	143.474	250.37	502.72	3
23887	C23H47F	1-fluorotricosane	62126-80-1	6.15891	1920.0659	151.814	220.37	493.14	3
23888	C23H47I	1-iodotricosane	62127-54-2	7.67927	2698.5995	134.856	269.17	465.18	3
23889	C23H48	tricosane	638-67-5	7.71624	2636.1012	164.964	227.53	416.39	1,2
23890	C23H48	2-methyldocosane	1560-81-2	7.20800	2152.6000	122.500	224.25	412.15	1,2
23891	C23H48	4-methyldocosane	25117-30-0	9.06552	3974.6740	272.596	220.20	402.95	1,2
23892	C23H48	5-methyldocosane	25163-52-4	9.03467	3965.6980	274.358	219.22	403.21	1,2
23893	C23H48	9-hexylheptadecane	55124-79-3	8.29981	2773.1876	150.369	229.53	391.48	2
23894	C23H48O	1-tricosanol	3133-01-5	7.45593	2533.6820	147.408	245.05	445.39	3
23895	C23H48S	1-tricosanethiol	66375-01-7	7.57922	2629.0213	140.092	259.50	457.77	3
23896	C23H48S	2-thiatetracosane	---	7.67933	2603.0598	143.009	246.71	435.77	3
23897	C23H48S2	1,23-tricosanedithiol	---	6.67303	2330.5663	130.176	280.64	537.38	3
23898	C23H48S2	2,3-dithiapentacosane	---	7.33209	2538.8086	135.966	264.98	475.76	3
23899	C23H48S2	3,4-dithiapentacosane	---	7.30540	2524.8164	136.244	264.18	476.05	3
23900	C23H48S2	2,4-dithiapentacosane	---	7.46940	2610.7503	134.576	268.98	474.34	3
23901	C23H48S2	3,5-dithiapentacosane	---	7.44141	2596.0915	134.854	268.18	474.62	3
23902	C23H49N	tricosylamine	14130-07-5	8.13379	2865.1470	139.860	261.77	438.73	2
23903	C23H49N	methyltricosylamine	66375-05-1	7.60173	2561.8550	147.088	240.97	432.53	2
23904	C23H49N	ethylheneicosylamine	66375-04-0	7.69552	2608.7374	146.254	243.37	431.71	2
23905	C23H49N	dimethylheneicosylamine	66375-03-9	8.22507	2796.2064	147.644	239.37	406.80	3
23906	C23H49N	diethylnonadecylamine	66375-02-8	7.32557	2358.9326	155.150	217.77	414.13	3
23907	C24H32	1,1-diphenyl-1-dodecene	1530-29-6	6.79355	2203.4159	143.752	236.57	466.32	2
23908	C24H32	6,6-paracyclophan	4384-23-0	7.71702	3228.3500	273.150	207.47	438.70	3
23909	C24H34	1,1-diphenyldodecane	1603-53-8	6.50330	2046.2721	148.756	223.07	467.32	2
23910	C24H38O4	diisooctyl phthalate	27554-26-3	7.51331	2780.4722	164.467	262.42	477.46	3
23911	C24H38O4	dioctyl phthalate	117-84-0	6.50891	2126.3915	150.346	235.65	488.77	3
23912	C24H38O4	bis(2-ethylhexyl) phthalate	117-81-7	6.35101	1943.7566	124.385	238.87	488.95	3
23913	C24H42	octadecylbenzene	4445-07-2	6.92797	2065.8410	107.447	241.04	444.01	2
23914	C24H42	hexapropylbenzene	2456-68-0	7.14646	2322.9278	141.570	236.36	444.34	2
23915	C24H42O	dinonylphenol	1323-65-5	8.52949	3346.5749	151.160	293.30	474.64	3
23916	C24H44	9-decyltetradeca-hydroanthracene	900001-42-5	9.99872	4824.8005	273.150	263.02	434.62	3
23917	C24H44	9-decyltetradeca-hydrophenanthrene	900001-43-6	10.36436	5072.6450	273.150	268.55	433.10	3
23918	C24H44O2	2-tetracosynoic acid	---	7.72260	2971.8992	118.320	324	536	3
23919	C24H46	1,1-dicyclohexyldodecane	18254-57-4	6.50106	2026.8556	148.478	219.97	462.16	2
23920	C24H46	1-tetracosyne	61847-84-5	7.55181	2519.1222	147.922	236.57	428.54	2

Table 1 Vapor Pressure – Organic Compounds

log ₁₀ P = A - B/(T + C) (P - mm Hg, T - C)									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
23921	C24H46O2	2-tetracosenoic acid	---	8.52669	3282.2575	121.512	314.57	492.59	3
23922	C24H46O2	cis-15-tetracosenoic acid	506-37-6	8.52669	3282.2575	121.512	314.57	492.59	3
23923	C24H46O2	trans-15-tetracosenoic acid	14490-79-0	8.52669	3282.2575	121.512	314.57	492.59	3
23924	C24H47Br	1-bromo-1-tetracosene	---	7.31201	2548.8301	137.636	266.17	479.49	3
23925	C24H47Cl	1-chloro-1-tetracosene	---	6.43453	2183.6264	137.636	264.17	533.69	3
23926	C24H47F	1-fluoro-1-tetracosene	---	6.03343	1924.5846	149.590	232.77	525.33	3
23927	C24H47I	1-iodo-1-tetracosene	---	8.31518	3002.9119	135.134	275.37	449.85	3
23928	C24H48	nonadecylcyclopentane	62016-54-0	7.76336	2602.0965	144.864	239.87	423.09	2
23929	C24H48	octadecylcyclohexane	4445-06-1	7.23097	2130.8867	101.767	240.22	424.49	2
23930	C24H48	1-tetracosene	10192-32-2	6.84165	1860.1196	86.554	231.87	421.70	2
23931	C24H48Br2	1,1-dibromotetracosane	62168-03-0	7.65292	2787.2028	129.574	289.37	493.81	3
23932	C24H48Cl2	1,1-dichlorotetracosane	62017-26-9	6.74912	2380.2851	134.856	279.17	532.40	3
23933	C24H48F2	1,1-difluorotetracosane	62127-13-3	5.92589	1856.8844	154.594	222.37	522.10	3
23934	C24H48I2	1,1-diiodotetracosane	66374-96-7	11.22603	4936.3267	98.272	384.45	515.38	3
23935	C24H48O	2-tetracosanone	---	7.77089	2694.0775	139.721	258.17	447.35	3
23936	C24H48O2	tetracosanoic acid	557-59-5	10.08693	3976.8814	120.678	316.97	455.26	3
23937	C24H48O2	eicosyl isobutanoate	---	10.98045	4244.6472	125.126	300.17	419.16	3
23938	C24H48O2	hexadecyl 2-ethylhexanoate	59130-69-7	10.98045	4244.6472	125.126	300.17	419.16	3
23939	C24H48O2	octyl palmitate	29806-73-3	11.80258	4650.6860	122.346	308.17	417.13	3
23940	C24H48O2	ethyl docosanoate	5908-87-2	13.52510	5392.9741	107.726	322.85	413.67	3
23941	C24H49Br	1-bromotetracosane	6946-24-3	7.19330	2507.3574	137.080	267.77	487.97	3
23942	C24H49Cl	1-chlorotetracosane	6422-18-0	6.53539	2208.9781	140.694	258.37	518.00	3
23943	C24H49F	1-fluorotetracosane	62126-81-2	6.11476	1930.3323	149.034	228.37	509.13	3
23944	C24H49I	1-iodotetracosane	62127-55-3	7.60510	2699.6639	132.354	276.37	477.98	3
23945	C24H50	tetracosane	646-31-1	7.69331	2608.0474	150.633	239.02	427.46	1,2
23946	C24H50	2-methyltricosane	1928-30-9	8.26218	2800.9720	147.283	238.41	404.05	2
23947	C24H50	5-methyltricosane	22331-09-5	9.12391	4026.5630	264.851	230.79	412.79	1,2
23948	C24H50	12-methyltricosane	22331-52-8	9.59636	4415.1560	273.150	240.46	415.16	1,2
23949	C24H50O	1-tetracosanol	506-51-4	7.44804	2567.6110	144.350	253.85	457.50	3
23950	C24H50O	2-decyl-1-tetradecanol	58670-89-6	7.44804	2567.6110	144.350	253.85	457.50	3
23951	C24H50S	1-tetracosanethiol	16331-24-1	7.54387	2648.2881	137.375	267.32	469.75	3
23952	C24H50S	2-thiapentacosane	---	7.64024	2621.7131	140.291	254.53	447.75	3
23953	C24H50S2	1,24-tetracosanedithiol	---	6.67123	2358.7696	127.458	288.46	548.53	3
23954	C24H50S2	2,3-dithiahexacosane	---	7.31986	2566.1581	133.248	272.80	486.89	3
23955	C24H50S2	3,4-dithiahexacosane	---	7.29363	2552.2236	133.526	272.00	487.18	3
23956	C24H50S2	2,4-dithiahexacosane	---	7.45474	2637.7718	131.858	276.80	485.47	3
23957	C24H50S2	3,5-dithiahexacosane	---	7.42725	2623.1841	132.136	276.00	485.75	3
23958	C24H51N	tetracosylamine	14130-08-6	8.11191	2897.1961	136.802	270.57	450.86	2
23959	C24H51N	methyltricosylamine	66374-99-0	7.56032	2580.0326	144.308	248.97	444.94	2
23960	C24H51N	ethyl docosylamine	66374-98-9	7.65139	2626.2631	143.474	251.37	444.12	2
23961	C24H51N	didodecylamine	3007-31-6	7.59037	2595.2895	144.030	249.77	444.67	2
23962	C24H51N	dimethyldocosylamine	21542-96-1	8.16274	2809.4742	144.864	247.37	419.19	3
23963	C24H51N	diethyleicosylamine	66374-97-8	7.29092	2378.8504	152.370	225.77	426.56	3
23964	C24H51N	trioctylamine	1116-76-3	7.47901	2401.9487	156.318	214.41	402.64	1,2
23965	C24H51N	triisooctylamine	2757-28-0	8.00172	2730.1276	146.095	243.83	420.34	3
23966	C25H26	3-phenethyl-1,5-diphenyl-2-pentene	55334-57-1	10.83198	5462.3309	287.482	268.09	426.54	3
23967	C25H28	3-phenethyl-1,5-diphenylpentane	66374-88-7	10.45798	5109.7504	273.150	267.11	429.11	3
23968	C25H34	1,1-diphenyl-1-tridecene	62155-37-7	6.76376	2222.1740	140.972	244.57	479.41	2
23969	C25H36	1,1-diphenyltridecane	62155-14-0	6.46225	2056.6717	146.254	230.27	480.70	2
23970	C25H36	1-phenyl-3-phenethylundecane	7225-70-9	9.88938	5319.9541	351.061	247.40	442.07	3
23971	C25H38	1-pentadecyl-naphthalene	55191-63-4	10.63104	5658.8259	320.474	267.09	439.18	3
23972	C25H40	1-cyclohexyl-6-cyclopentyl-3-phenethylhexane	55334-30-0	9.07880	4242.5105	273.150	251.99	446.29	3
23973	C25H40	1,7-dicyclopentyl-4-phenethylheptane	55334-31-1	9.06190	4230.9391	273.150	251.66	446.39	3
23974	C25H40	(+,-)-1-cyclohexyl-6-cyclopentyl-3-phenethylhexane	900002-32-6	9.08092	4243.9619	273.150	252.03	446.28	3
23975	C25H42	(+,-)-hexadecylindane	334-29-2	9.56940	4589.4570	273.150	262.41	445.35	3
23976	C25H42	5-pentadecyl-1,2,3,4-tetrahydronaphthalene	66374-91-2	9.41859	4448.1214	267.359	261.01	445.85	3
23977	C25H44	nonadecylbenzene	29136-19-4	6.78365	1988.1824	94.742	249.02	457.25	2
23978	C25H44	(3-octylundecyl)benzene	5637-96-7	7.18501	2396.4077	142.084	245.37	456.54	2
23979	C25H44	9-(4-tolyl)octadecane	4445-08-3	7.18501	2396.4077	142.084	245.37	456.54	2
23980	C25H44	9-(2-phenylethyl)-heptadecane	5637-96-7	6.86142	2230.7959	145.740	234.85	460.53	2
23981	C25H44	6-octyl(hexylhydro-benz(de)anthracene)	7225-65-2	8.50434	3447.5599	198.383	261.03	449.35	3
23982	C25H44	1,5-dicyclohexyl-3-(2-cyclohexylethyl)-2-pentene	66374-92-3	8.90095	4140.8113	273.150	250.94	450.88	3
23983	C25H44	1,7-dicyclopentyl-4-(3-cyclopentylpropyl)-3-heptene	66374-93-4	8.78528	4061.2497	273.150	248.51	451.63	3
23984	C25H44	1,7-dicyclopentyl-4-(3-cyclopentylpropyl)-2-heptene	900001-36-7	8.78716	4062.5421	273.150	248.55	451.62	3
23985	C25H46	1,5-dicyclohexyl-3-(2-cyclohexylethyl)-pentane	2090-16-6	7.77379	2838.3713	163.769	255.25	454.35	3
23986	C25H46	1-cyclohexyl-3-(2-cyclohexylethyl)-6-cyclopentylhexane	55401-70-2	8.83744	4106.9248	273.150	250.86	453.02	3
23987	C25H46	1,7-dicyclopentyl-4-(3-cyclopentylpropyl)-heptane	55429-35-1	9.72402	5234.6584	348.620	251.41	451.52	3
23988	C25H46	4-(2-cyclohexylethyl)-1,7-dicyclopentylheptane	900001-39-0	8.65736	3889.9249	257.078	250.92	453.34	3
23989	C25H46O2	2-pentacosynoic acid	---	7.72332	3005.0606	115.719	331	546	3
23990	C25H48	1-pentacosyne	61847-85-6	7.50812	2536.2940	145.142	244.57	441.11	2
23991	C25H48	1,1-dicyclohexyltridecane	62155-22-0	6.48487	2049.5236	145.698	227.97	474.80	2
23992	C25H48	1-cyclopentyl-4-(3-cyclopentylpropyl)-dodecane	7225-68-5	8.51308	3892.5888	273.150	244.96	457.00	3
23993	C25H48	1-cyclohexyl-3-(2-cyclohexylethyl)-undecane	7225-69-6	8.41177	3822.5675	273.150	242.59	457.75	3
23994	C25H48	1-hexadecadecyl-hexahydroindan	55401-73-5	9.17756	4351.8226	273.150	259.02	452.67	3
23995	C25H48	1-pentadecyldeca-hydronaphthalene	66359-82-8	8.74597	3914.5132	249.446	255.92	454.08	3
23996	C25H48O2	2-pentacosenoic acid	---	8.77595	3455.8990	117.064	327.37	500.71	3
23997	C25H49Br	1-bromo-1-pentacosene	---	7.23604	2547.4503	135.134	273.37	493.21	3
23998	C25H49Cl	1-chloro-1-pentacosene	---	6.39465	2195.7642	134.856	272.17	548.58	3
23999	C25H49F	1-fluoro-1-pentacosene	---	5.99566	1937.7323	146.810	240.77	540.88	3
24000	C25H49I	1-iodo-1-pentacosene	---	8.22142	2998.3484	132.632	282.57	462.33	3

Table 1 Vapor Pressure – Organic Compounds

NO	FORMULA	NAME	$\log_{10} P = A - B/(T + C) \quad (P - \text{mm Hg}, T - ^\circ\text{C})$						
			CAS No	A	B	C	TMIN	TMAX	code
24001	C25H50	eicosylcyclopentane	22331-38-0	7.71428	2618.2631	142.084	247.87	435.59	2
24002	C25H50	nonadecylcyclohexane	22349-03-7	7.06268	2041.9395	88.675	248.13	437.49	2
24003	C25H50	1-pentacosene	16980-85-1	6.68680	1779.8438	73.034	239.94	434.77	2
24004	C25H50	9-octyl-8-heptadecene	24306-18-1	7.83190	2669.6069	144.586	246.17	429.52	2
24005	C25H50	9-(3-cyclopentylpropyl)-heptadecane	5638-09-5	6.85279	2186.2996	150.821	222.73	444.75	2
24006	C25H50	9-(2-cyclohexylethyl)-heptadecane	25446-35-9	7.42777	2467.0411	142.960	240.85	438.08	2
24007	C25H50Br2	1,1-dibromopentacosane	62168-04-1	7.60324	2797.4118	127.072	296.57	505.63	3
24008	C25H50Cl2	1,1-dichloropentacosane	62017-27-0	6.71442	2395.7491	132.076	287.17	546.11	3
24009	C25H50F2	1,1-difluoropentacosane	62127-14-4	5.87324	1857.3887	152.370	228.77	537.75	3
24010	C25H50I2	1,1-diiodopentacosane	66359-84-0	11.55372	5177.1440	94.102	396.45	524.30	3
24011	C25H50O	2-pentacosanone	---	7.86154	2780.2908	135.829	269.37	458.29	3
24012	C25H50O2	pentacosanoic acid	506-38-7	10.45746	4218.0279	116.230	329.77	463.52	3
24013	C25H50O2	methyl tetracosanoate	2442-49-1	7.57336	2932.3625	114.048	332.05	553.69	2
24014	C25H51Br	1-bromopentacosane	62108-45-6	7.12372	2507.9597	134.578	274.97	501.66	3
24015	C25H51Cl	1-chloropentacosane	62016-78-8	6.49249	2220.5263	137.914	266.37	532.81	3
24016	C25H51F	1-fluoropentacosane	62126-82-3	6.07831	1943.0863	146.254	236.37	524.59	3
24017	C25H51I	1-iodopentacosane	62127-56-4	7.54154	2704.4185	129.852	283.57	490.47	3
24018	C25H52	pentacosane	629-99-2	7.83815	2785.0867	159.861	247.43	438.27	1,2
24019	C25H52	9-octylheptadecane	7225-64-1	8.22020	2824.7319	144.336	246.89	416.31	2
24020	C25H52	2-methyltetracosane	1560-78-7	7.24220	2228.9000	114.100	242.97	434.84	1,2
24021	C25H52	12-ethyltricosane	79370-85-7	9.45834	4418.2800	273.150	249.21	430.79	1,2
24022	C25H52O	1-pentacosanol	26040-98-2	7.22261	2486.1277	143.641	255.89	471.62	3
24023	C25H52S	1-pentacosanethiol	66359-74-8	7.50783	2665.6551	134.760	274.85	481.44	3
24024	C25H52S	2-thiahexacosane	---	7.60060	2638.4672	137.676	262.06	459.43	3
24025	C28H58S	2-thianonacosane	---	7.47705	2677.6080	130.397	283.00	493.00	3
24026	C25H52S2	1,25-pentacosanedithiol	---	6.66692	2384.7984	124.843	295.99	559.45	3
24027	C25H52S2	2,3-dithiaheptacosane	---	7.30477	2590.9859	130.633	280.32	497.80	3
24028	C25H52S2	3,4-dithiaheptacosane	---	7.27901	2577.1228	130.911	279.52	498.09	3
24029	C25H52S2	2,4-dithiaheptacosane	---	7.43718	2662.2025	129.243	284.32	496.37	3
24030	C25H52S2	3,5-dithiaheptacosane	---	7.41021	2647.6998	129.521	283.52	496.66	3
24031	C25H53N	pentacosylamine	14130-09-7	8.06733	2915.9266	134.022	278.57	462.83	2
24032	C25H53N	methyltetracosylamine	66359-78-2	7.50072	2587.1322	141.806	256.17	457.22	2
24033	C25H53N	ethyltricosylamine	66359-77-1	7.61853	2647.8378	140.694	259.37	456.11	2
24034	C25H53N	dimethyltricosylamine	66359-76-0	8.11492	2827.8555	142.084	255.37	431.16	3
24035	C25H53N	diethylheneicosylamine	66359-75-9	7.26609	2402.1704	149.590	233.77	438.56	3
24036	C26H16	dibenz[<i>g</i> , <i>p</i>]chrysene	191-68-4	19.50333	1.1114E+04	267.468	333.18	413.48	3
24037	C26H18	9,10-diphenylanthracene	1499-10-1	12.08334	6974.6559	355.053	274.24	428.48	3
24038	C26H20	tetraphenylethylene	632-51-9	10.96177	4406.9415	140.795	301.59	425.66	3
24039	C26H32	6-octyl-1,2,3,4-tetrahydronaphthalene	103042-85-9	12.26677	6404.7915	267.779	300.69	437.21	3
24040	C26H34	9-dodecylanthracene	2883-70-7	10.29268	4515.7351	193.005	292.94	442.04	3
24041	C26H34	9-dodecylphenanthrene	3788-61-2	11.73969	6135.8493	276.369	294.96	440.62	3
24042	C26H36	1,1-diphenyl-1-tetradecene	62155-38-8	6.72090	2232.5238	138.470	251.77	492.36	2
24043	C26H38	1,1-diphenyltetradecane	55268-63-8	6.41027	2059.6895	144.030	236.67	493.96	2
24044	C26H38	1,1-di-4-tolylidodecane	900000-08-0	9.64216	5094.0701	333.869	255.58	454.65	3
24045	C26H40	5-octyl-1,2,3,4,4a,5,7,8,9,10,12,12a-dodecahydro-naphthalene	95258-25-6	9.29772	4110.6674	219.433	275.96	452.70	3
24046	C26H42	1,1-bis(dodecahydro-acenaphthylen-5-yl)-ethane	900001-41-4	9.50897	4643.6577	277.804	267.93	456.12	3
24047	C26H46	eicosylbenzene	2398-68-7	6.64121	1910.4183	82.007	256.65	470.24	2
24048	C26H46	(1-butylhexadecyl)benzene	2400-04-6	7.15830	2418.2081	139.304	253.37	468.83	2
24049	C26H46	(1-ethyloctadecyl)benzene	2400-02-4	7.15830	2418.2081	139.304	253.37	468.83	2
24050	C26H46	(1-methylnonadecyl)benzene	2398-66-5	7.15830	2418.2081	139.304	253.37	468.83	2
24051	C26H46	(1-octyldodecyl)benzene	2398-65-4	7.15830	2418.2081	139.304	253.37	468.83	2
24052	C26H46	(1-propylheptadecyl)benzene	2400-03-5	7.15830	2418.2081	139.304	253.37	468.83	2
24053	C26H46	1,4-didecylbenzene	2655-95-0	6.73129	2196.2296	144.350	238.85	474.40	2
24054	C26H46	8-(4-tolyl)nonadecane	55191-36-1	6.70968	2184.9683	144.628	238.05	474.72	2
24055	C26H46	9-octyloctadeca-hydronaphthalene	55191-40-7	9.61163	4947.3281	308.998	265.50	460.44	3
24056	C26H48	9-dodecyltetrahydro-phenanthrene	55334-01-5	9.29495	4494.8863	273.150	268.73	462.14	3
24057	C26H48	9-dodecyltetrahydro-anthracene	55401-75-7	9.01062	4295.6393	273.150	263.09	463.82	3
24058	C26H48O2	2-hexacosynoic acid	---	7.72401	3037.3729	113.184	339	556	3
24059	C26H50	1,1-dicyclohexyltetradecane	55334-08-2	6.45572	2064.2612	143.196	235.17	487.33	2
24060	C26H50	1-hexacosyne	61847-86-7	7.47548	2557.3777	142.362	252.57	453.26	2
24061	C26H50	7-hexadecylspiro[4.5]decane	2307-06-4	6.07934	2246.5964	273.150	169.15	502.21	3
24062	C26H50	1,1-bis(4-methylcyclohexyl)-dodecane	55334-09-3	8.24079	3764.7625	273.150	246.79	471.03	3
24063	C26H50	2-hexadecylbicyclo-pentyl	55334-11-7	8.76799	4135.0632	273.150	259.17	467.08	3
24064	C26H50	1,1-dicyclopentyl-hexadecane	55401-76-8	8.01918	3400.6710	232.585	251.90	470.42	3
24065	C26H50	9-[a(cis-bicyclo[3.3.0]octyl)-methyl]heptadecane	700004-11-1	10.21240	6615.4413	473.086	245.02	467.87	3
24066	C26H50O2	2-hexacosenoic acid	---	9.04833	3644.1737	112.616	340.17	508.57	3
24067	C26H50O2	cis-17-hexacosenoic acid	544-84-3	9.04833	3644.1737	112.616	340.17	508.57	3
24068	C26H51Br	1-bromo-1-hexacosene	---	7.19528	2563.1377	132.354	281.37	506.28	3
24069	C26H51Cl	1-chloro-1-hexacosene	---	6.34498	2200.6563	132.354	279.37	563.37	3
24070	C26H51F	1-fluoro-1-hexacosene	---	5.95751	1944.7222	144.308	247.97	556.33	3
24071	C26H51I	1-iodo-1-hexacosene	---	8.14092	2998.4763	130.130	289.77	474.51	3
24072	C26H52	1-hexacosene	18835-33-1	6.49848	1676.8008	57.676	247.28	447.90	2
24073	C26H52	eicosylcyclohexane	4443-55-4	6.89701	1953.4365	75.562	255.70	450.24	2
24074	C26H52	3-cyclohexyleicosane	4443-57-6	7.38815	2484.0142	140.277	248.57	450.27	2
24075	C26H52	9-cyclohexyleicosane	4443-61-2	7.38815	2484.0142	140.277	248.57	450.27	2
24076	C26H52	2-cyclohexyleicosane	4443-56-5	7.57349	2577.8731	138.512	253.65	448.48	2
24077	C26H52	4-cyclohexyleicosane	4443-58-7	7.60378	2593.1970	138.234	254.45	448.21	2
24078	C26H52	5-cyclohexyleicosane	4443-59-8	7.63437	2608.6749	137.956	255.25	447.93	2
24079	C26H52	7-cyclohexyleicosane	4443-60-1	7.66529	2624.3094	137.678	256.05	447.66	2
24080	C26H52	heneicosylcyclopentane	6703-82-8	7.67728	2638.6902	139.304	255.87	447.67	2

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mm Hg, } T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
24081	C26H52	11-cyclopentyl-uneicosane	6703-81-7	6.76302	2173.1342	148.940	228.14	457.88	2
24082	C26H52Br2	1,1-dibromohexacosane	62168-05-2	7.56123	2810.4408	124.570	303.77	517.17	3
24083	C26H52Cl2	1,1-dichlorohexacosane	62017-28-1	6.66722	2402.5844	129.574	294.37	559.76	3
24084	C26H52F2	1,1-difluorohexacosane	62127-15-5	5.82738	1860.0700	150.146	235.17	552.95	3
24085	C26H52I2	1,1-diiodohexacosane	66291-94-9	11.91003	5437.3589	89.932	408.45	533.03	3
24086	C26H52O	2-hexacosanone	---	7.96203	2871.8883	131.937	280.57	468.85	3
24087	C26H52O2	hexacosanoic acid	506-46-7	10.86980	4484.3649	111.782	342.57	471.52	3
24088	C26H52O2	hexadecyl neodecanoate	67749-11-5	13.45422	5620.8141	111.268	340.05	435.91	3
24089	C26H52O2	octyl stearate	22047-49-0	14.76030	6282.1014	108.488	348.05	434.08	3
24090	C26H53Br	1-bromohexacosane	4276-51-1	7.08735	2524.8379	131.798	282.97	514.68	3
24091	C26H53Cl	1-chlorohexacosane	56134-53-3	6.43932	2224.5859	135.412	273.57	547.50	3
24092	C26H53F	1-fluorohexacosane	62126-83-4	6.03329	1949.5049	143.752	243.57	539.94	3
24093	C26H53I	1-iodohexacosane	52644-81-2	7.48723	2712.4445	127.350	290.77	502.66	3
24094	C26H54	hexacosane	630-01-3	7.95959	2937.5021	166.188	255.89	448.64	1,2
24095	C26H54	2-methylpentacosane	629-87-8	7.25850	2265.1000	110.100	251.82	445.53	1,2
24096	C26H54	3-ethyltetracosane	55282-17-2	8.18077	2847.9127	141.473	255.13	428.23	2
24097	C26H54	12-propyltricosane	79370-84-6	7.65697	2586.8319	145.740	242.85	432.31	2
24098	C26H54	5-butylodocosane	55282-16-1	8.18077	2847.9127	141.473	255.13	428.23	2
24099	C26H54	7-butylodocosane	55282-15-0	8.18077	2847.9127	141.473	255.13	428.23	2
24100	C26H54	9-butylodocosane	55282-14-9	8.18077	2847.9127	141.473	255.13	428.23	2
24101	C26H54	11-butylodocosane	13475-76-8	8.18077	2847.9127	141.473	255.13	428.23	2
24102	C26H54	11-pentyluneicosane	14739-72-1	7.98814	2751.9982	142.960	250.85	429.62	2
24103	C26H54	7-hexyleicosane	55333-99-8	7.98814	2751.9982	142.960	250.85	429.62	2
24104	C26H54	6,11-dipentylhexadecane	15874-03-0	7.93720	2731.5780	144.350	249.41	430.07	2
24105	C26H54	11-(2,2-dimethylpropyl)heneicosane	55282-10-5	7.81811	2667.2442	144.350	246.85	430.95	2
24106	C26H54	11-(ethylpropyl)-heneicosane	55282-11-6	7.88501	2700.6050	143.794	248.45	430.42	2
24107	C26H54	5,14-dibutylododecane	55282-13-8	7.98814	2751.9982	142.960	250.85	429.62	2
24108	C26H54	6,11-dipentylhexadecane	15874-03-0	8.18077	2847.9127	141.473	255.13	428.23	2
24109	C26H54	3-ethyl-5-(2-ethylbutyl)octadecane	55282-12-7	8.18077	2847.9127	141.473	255.13	428.23	2
24110	C26H54O	1-hexacosanol	506-52-5	7.45782	2645.6668	138.234	271.45	480.49	3
24111	C26H54S	1-hexacosanethiol	16331-25-2	7.47340	2682.4753	132.216	282.17	492.84	3
24112	C26H54S	2-thiaheptacosane	---	7.56281	2654.7128	135.132	269.38	470.83	3
24113	C26H54S2	1,26-hexacosanedithiol	---	6.66214	2409.8317	122.299	303.31	570.12	3
24114	C26H54S2	2,3-dithiaoctacosane	---	7.28957	2614.7806	128.089	287.64	508.46	3
24115	C26H54S2	3,4-dithiaoctacosane	---	7.26426	2600.9892	128.367	286.84	508.75	3
24116	C26H54S2	2,4-dithiaoctacosane	---	7.41961	2685.5995	126.699	291.64	507.03	3
24117	C26H54S2	3,5-dithiaoctacosane	---	7.39312	2671.1818	126.977	290.84	507.32	3
24118	C26H55N	hexacosylamine	14130-10-0	8.03451	2939.1035	131.242	286.57	474.43	2
24119	C26H55N	methylpentacosylamine	66291-92-7	7.48018	2612.7865	139.026	264.17	468.83	2
24120	C26H55N	ethyltetracosylamine	66291-91-6	7.59551	2673.0554	137.914	267.37	467.72	2
24121	C26H55N	ditridecylamine	5910-75-8	8.15099	2886.9858	138.748	264.97	442.23	3
24122	C26H55N	dimethyltetracosylamine	66291-90-5	8.07963	2850.7847	139.304	263.37	442.75	3
24123	C26H55N	diethylodocosylamine	66291-89-2	7.22322	2414.9733	147.088	240.97	450.47	3
24124	C27H38	1,1-diphenyl-1-pentadecene	62155-39-9	6.68622	2245.7048	135.968	258.97	504.86	2
24125	C27H40	1,1-diphenylpentadecane	62155-15-1	6.36618	2065.3173	141.806	243.07	506.78	2
24126	C27H40	5-pentadecylace-naphthene	55334-13-9	12.18249	7535.5039	379.362	294.50	457.86	3
24127	C27H48	heneicosylbenzene	40775-09-5	6.46531	1807.4985	67.180	263.54	483.30	2
24128	C27H48	11-phenylheneicosane	6703-80-6	6.99060	2364.3923	138.234	256.45	482.54	2
24129	C27H48	11-phenylheneicosane	6703-80-6	6.34196	2021.2849	146.918	231.46	492.70	2
24130	C27H50	5-pentadecylododeca-hydroacenaphthylene	55282-69-4	8.85741	3934.2562	219.645	281.06	473.55	3
24131	C27H50O2	2-heptacosynoic acid	---	7.72467	3068.8871	110.712	346	565	3
24132	C27H52	1,1-dicyclohexylpentadecane	62155-23-1	6.43300	2081.1872	140.694	242.37	499.44	2
24133	C27H52	1-heptacosyne	61847-87-8	7.45248	2581.9749	139.582	260.57	465.01	2
24134	C27H52O2	2-heptacosenoic acid	---	9.34652	3848.8990	108.168	352.97	516.18	3
24135	C27H53Br	1-bromo-1-heptacosene	---	7.13849	2568.4821	129.852	288.57	519.30	3
24136	C27H53Cl	1-chloro-1-heptacosene	---	6.30243	2208.0512	129.852	286.57	577.72	3
24137	C27H53F	1-fluoro-1-heptacosene	---	5.92168	1953.7914	141.806	255.17	571.30	3
24138	C27H53I	1-iodo-1-heptacosene	---	8.07195	3002.7384	127.628	296.97	486.42	3
24139	C27H54	docosylcyclopentane	62016-55-1	7.65078	2662.9329	136.524	263.87	459.35	2
24140	C27H54	heneicosylcyclohexane	26718-82-1	6.72955	1861.1783	61.834	263.00	462.78	2
24141	C27H54	(1-decylundecyl)cyclohexane	6703-99-7	7.40040	2526.0848	137.173	257.50	461.63	2
24142	C27H54	1-heptacosene	15306-27-1	6.31622	1577.8487	42.543	254.26	460.86	2
24143	C27H54	11-(cyclopentylmethyl)-uneicosane	6703-79-3	6.64745	2144.3220	147.547	232.15	471.20	2
24144	C27H54Br2	1,1-dibromoheptacosane	62168-06-3	7.52606	2826.0340	122.068	310.97	528.46	3
24145	C27H54Cl2	1,1-dichloroheptacosane	62017-29-2	6.62685	2411.9056	127.072	301.57	573.04	3
24146	C27H54F2	1,1-difluoroheptacosane	62127-16-6	5.78740	1864.6564	147.922	241.57	567.72	3
24147	C27H54I2	1,1-diiodoheptacosane	66291-84-7	12.29823	5719.2959	85.762	420.45	541.60	3
24148	C27H54O	2-heptacosanone	---	8.07239	2969.0958	128.045	291.77	479.06	3
24149	C27H54O	14-heptacosanone	542-50-7	8.07239	2969.0958	128.045	291.77	479.06	3
24150	C27H54O2	heptacosanoic acid	7138-40-1	11.33020	4779.8302	107.334	355.37	479.27	3
24151	C27H54O2	methyl hexacosanoate	5802-82-4	16.07104	7037.8464	102.928	364.05	443.10	3
24152	C27H55Br	1-bromoheptacosane	62108-46-7	7.03543	2531.6575	129.296	290.17	527.67	3
24153	C27H55Cl	1-chloroheptacosane	62016-79-9	6.39377	2231.2951	132.910	280.77	561.78	3
24154	C27H55F	1-fluoroheptacosane	62108-81-0	5.99492	1958.1119	141.250	250.77	554.82	3
24155	C27H55I	1-iodoheptacosane	62127-57-5	7.44106	2723.3983	124.848	297.97	514.56	3
24156	C27H56	heptacosane	593-49-7	7.95269	2914.1476	152.470	266.67	458.35	1,2
24157	C27H56	2-methylhexacosane	1561-02-0	7.27410	2300.1000	106.300	260.30	455.76	1,2
24158	C27H56S	1-heptacosanethiol	66291-85-8	7.43284	2694.6180	129.819	289.07	504.06	3
24159	C27H56S	2-thiaoctacosane	---	7.51867	2666.1943	132.735	276.27	482.04	3
24160	C27H56S2	1,27-heptacosanedithiol	---	6.65155	2430.7595	119.902	310.20	580.66	3

Table 1 Vapor Pressure – Organic Compounds

NO	FORMULA	NAME	$\log_{10} P = A - B/(T + C) \quad (P - \text{mm Hg}, T - ^\circ\text{C})$						
			CAS No	A	B	C	TMIN	TMAX	code
24161	C27H56S2	2,3-dithianonacosane	---	7.26707	2633.6341	125.692	294.54	518.98	3
24162	C27H56S2	3,4-dithianonacosane	---	7.24226	2619.9490	125.970	293.74	519.27	3
24163	C27H56S2	2,4-dithianonacosane	---	7.39451	2703.8777	124.302	298.54	517.54	3
24164	C27H56S2	3,5-dithianonacosane	---	7.36856	2689.5811	124.580	297.74	517.83	3
24165	C27H57N	heptacosylamine	14130-11-1	8.01200	2966.3027	128.462	294.57	485.66	2
24166	C27H57N	methylhexacosylamine	66291-81-4	7.44025	2626.9404	136.524	271.37	480.36	2
24167	C27H57N	ethylpentacosylamine	66291-80-3	7.55243	2686.3815	135.412	274.57	479.24	2
24168	C27H57N	dimethylpentacosylamine	66291-79-0	8.02095	2860.1393	136.802	270.57	454.25	3
24169	C27H57N	diethyltricosylamine	66291-86-9	7.18910	2430.8081	144.586	248.17	462.02	3
24170	C27H57N	trinonylamine	2044-22-6	7.24394	2390.4211	149.868	232.97	438.60	1,2
24171	C28H18	9,9'-bianthracene	1055-23-8	24.86396	1.5296E+04	273.150	367.82	432.32	3
24172	C28H32	1,7-diphenyl-4-(3-phenylpropyl)-3-heptene	55282-03-6	8.82460	3732.4945	194.108	282.91	467.36	3
24173	C28H34	1,7-diphenyl-4-(3-phenylpropyl)heptane	55282-64-9	8.89136	3819.9949	200.116	283.96	468.94	3
24174	C28H40	1,1-diphenyl-1-hexadecene	13456-25-2	6.63862	2250.4522	133.744	265.37	517.28	2
24175	C28H42	1,1-diphenylhexadecane	13456-23-0	6.31138	2063.6333	139.860	248.67	519.54	2
24176	C28H46O4	diisodecyl phthalate	26761-40-0	7.56418	3243.0991	216.504	277.56	523.53	3
24177	C28H50	docosylbenzene	5634-22-0	6.29331	1706.9854	52.384	270.10	496.23	2
24178	C28H50	2-decyl-1-phenyldodecane	55334-72-0	5.99504	1818.2169	136.010	227.99	510.31	2
24179	C28H52	1,7-dicyclohexyl-4-(13-cyclohexylpropyl)-heptane	55334-73-1	9.16810	4732.0802	303.293	276.04	487.20	3
24180	C28H52O2	2-octacosynoic acid	---	7.72530	3099.6495	108.299	353	574	3
24181	C28H54	1-octacosyne	61847-88-9	7.41043	2595.2659	137.080	267.77	476.66	2
24182	C28H54	1,1-dicyclohexylhexadecane	13287-09-7	6.41593	2100.0923	138.192	249.57	511.17	2
24183	C28H54	1-cyclohexy-2-(cyclohexylmethyl)-pentadecane	55255-74-8	5.78764	1758.5197	149.088	218.22	525.76	2
24184	C28H54O2	2-octacosenoic acid	---	9.67372	4072.2283	103.720	365.77	523.56	3
24185	C28H55Br	1-bromo-1-octacosene	---	7.06700	2563.9047	127.628	294.97	532.29	3
24186	C28H55Cl	1-chloro-1-octacosene	---	6.26610	2217.6622	127.350	293.77	591.68	3
24187	C28H55F	1-fluoro-1-octacosene	---	5.89128	1964.7021	139.304	262.37	585.83	3
24188	C28H55I	1-iodo-1-octacosene	---	8.01306	3010.6795	125.126	304.17	498.05	3
24189	C28H56	tricosylcyclopentane	62016-56-2	7.60384	2675.1646	134.022	271.07	470.95	2
24190	C28H56	docosylcyclohexane	61828-07-7	6.53265	1750.1601	46.868	269.47	475.44	2
24191	C28H56	1-octacosene	18835-34-2	6.11126	1465.5390	26.278	260.45	474.01	2
24192	C28H56	11-cyclohexylmethyl-heneicosane	6704-00-3	7.23218	2473.3042	136.010	260.85	474.63	2
24193	C28H56	2,2,4,10,12,12-hexamethyl-7-(3,5,5-trimethylhexyl)-6-tridecene	55255-73-7	7.09223	2897.5879	260.645	214.98	480.35	2
24194	C28H56Br2	1,1-dibromooctacosane	62168-07-4	7.47092	2829.1775	119.844	317.37	539.78	3
24195	C28H56Cl2	1,1-dichlorooctacosane	62017-30-5	6.59250	2423.4537	124.570	308.77	585.98	3
24196	C28H56F2	1,1-difluorooctacosane	62127-17-7	5.75254	1870.9247	145.698	247.97	582.09	3
24197	C28H56I2	1,1-diiodooctacosane	66291-74-5	12.72217	6025.6824	81.592	432.45	550.01	3
24198	C28H56O	2-octacosanol	---	8.19275	3072.1913	124.153	302.97	488.95	3
24199	C28H56O2	octacosanoic acid	506-48-9	11.84641	5109.2717	102.886	368.17	486.79	3
24200	C28H57Br	1-bromooctacosane	16331-21-8	6.96918	2528.7956	127.072	296.57	540.63	3
24201	C28H57Cl	1-chlorooctacosane	62016-80-2	6.35483	2240.3457	130.408	287.97	575.66	3
24202	C28H57F	1-fluorooctacosane	62108-82-1	5.96234	1968.6527	138.748	257.97	569.27	3
24203	C28H57I	1-iodooctacosane	62154-80-7	7.40209	2736.9957	122.346	305.17	526.19	3
24204	C28H58	octacosane	630-02-4	8.23963	3274.3153	179.414	272.86	467.97	1,2
24205	C28H58	2-methylheptacosane	1561-00-8	7.28900	2333.9000	102.700	268.41	465.55	1,2
24206	C28H58	7-hexyldocosane	55373-86-9	8.09532	2885.8742	136.080	270.65	451.26	2
24207	C28H58	9-octyleicosane	13475-77-9	8.09532	2885.8742	136.080	270.65	451.26	2
24208	C28H58	2,2,4,10,12,12-hexamethyl-7-(3,5,5-trimethylhexyl)tridecane	3035-75-4	8.09532	2885.8742	136.080	270.65	451.26	2
24209	C27H56O	1-heptacosanol	2004-39-9	7.14218	2510.4229	138.748	269.97	495.14	3
24210	C28H58O	1-octacosanol	557-61-9	7.49651	2736.1209	132.118	289.05	502.03	3
24211	C28H58S	1-octacosanethiol	16331-26-3	7.39453	2706.6433	127.481	295.79	515.02	3
24212	C28H58S2	1,28-octacosanedithiol	---	6.64105	2451.0104	117.564	316.93	590.98	3
24213	C28H58S2	3,4-dithiatriacontane	---	7.22086	2638.2800	123.632	300.47	529.57	3
24214	C28H58S2	2,4-dithiatriacontane	---	7.37016	2721.5492	121.964	305.27	527.83	3
24215	C28H58S2	3,5-dithiatriacontane	---	7.34472	2707.3698	122.242	304.47	528.12	3
24216	C28H58S2	2,3-dithiatriacontane	---	7.24520	2651.8623	123.354	301.27	529.27	3
24217	C28H59N	octacosylamine	14130-12-2	7.96656	2979.8099	125.960	301.77	496.82	2
24218	C28H59N	methylheptacosylamine	66291-78-9	7.38199	2629.8277	134.300	277.77	491.83	2
24219	C28H59N	ethylhexacosylamine	66291-77-8	7.51823	2702.9816	132.910	281.77	490.42	2
24220	C28H59N	ditetradecylamine	17361-44-3	7.43572	2658.6872	133.744	279.37	491.26	2
24221	C28H59N	dimethylhexacosylamine	66291-76-7	7.97353	2873.5863	134.300	277.77	465.40	3
24222	C28H59N	diethyltetraacosylamine	66291-75-6	7.16265	2449.3717	142.084	255.37	473.21	3
24223	C29H52	tricosylbenzene	61828-04-4	6.09585	1588.8163	35.862	275.92	509.37	2
24224	C29H52	11-(2,5-dimethylphenyl)-heneicosane	55373-91-6	6.82444	2338.3387	134.620	266.85	507.32	2
24225	C29H52	11-(2,5-dimethylphenyl)-10-uneicosene	900001-51-6	6.82444	2338.3387	134.620	266.85	507.32	2
24226	C29H54O2	2-nonacosynoic acid	---	7.72591	3129.7021	105.941	359	583	3
24227	C29H56	1-nonacosyne	61847-89-0	7.37704	2611.7049	134.578	274.97	487.97	2
24228	C29H56O2	2-nonacosenoic acid	---	10.03379	4316.7288	99.272	378.57	530.73	3
24229	C29H57Br	1-bromo-1-nonacosene	---	7.02627	2575.0017	125.126	302.17	544.68	3
24230	C29H57Cl	1-chloro-1-nonacosene	---	6.21992	2220.0136	125.126	300.17	605.60	3
24231	C29H57F	1-fluoro-1-nonacosene	---	5.85252	1969.3953	137.080	268.77	600.34	3
24232	C29H57I	1-iodo-1-nonacosene	---	7.96305	3021.9250	122.624	311.37	509.42	3
24233	C29H58	tetracosylcyclopentane	62016-57-3	7.53772	2675.6812	131.798	277.47	482.47	2
24234	C29H58	tricosylcyclohexane	61828-08-8	6.30825	1620.2834	29.976	275.26	488.28	2
24235	C29H58	1-nonacosene	18835-35-3	5.93988	1373.5277	11.238	266.81	486.77	2
24236	C29H58Br2	1,1-dibromononacosane	62168-08-5	7.42254	2834.8482	117.620	323.77	550.87	3
24237	C29H58Cl2	1,1-dichlorononacosane	62017-31-6	6.54598	2426.4551	122.346	315.17	598.93	3
24238	C29H58F2	1,1-difluorononacosane	62127-18-8	5.72217	1878.6902	143.474	254.37	596.07	3
24239	C29H58I2	1,1-diiodononacosane	66213-91-0	13.18641	6359.7386	77.422	444.45	558.26	3
24240	C29H58O	2-nonacosanone	---	8.32337	3181.5028	120.261	314.17	498.52	3

Table 1 Vapor Pressure – Organic Compounds

log ₁₀ P = A - B/(T + C) (P - mm Hg, T - C)									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
24241	C29H58O2	nonacosanoic acid	646-30-0	12.42808	5478.7175	98.438	380.97	494.10	3
24242	C29H59Br	1-bromononacosane	62108-47-8	6.93211	2540.9604	124.570	303.77	552.97	3
24243	C29H59Cl	1-chlorononacosane	62016-81-3	6.30561	2241.9063	128.184	294.37	589.51	3
24244	C29H59F	1-fluorononacosane	62108-83-2	5.92101	1972.8068	136.524	264.37	583.70	3
24245	C29H59I	1-iodononacosane	62154-81-8	7.36953	2753.0003	119.844	312.37	537.56	3
24246	C29H60	nonacosane	630-03-5	8.24433	3250.8921	165.312	283.44	476.84	1,2
24247	C29H60	2-methyloctacosane	1560-98-1	7.30340	2366.5000	99.100	276.33	475.08	1,2
24248	C29H60O	1-nonacosanol	6624-76-6	7.52529	2785.7119	129.060	297.85	512.30	3
24249	C29H60S	1-nonacosanethiol	66213-92-1	7.35551	2717.0163	125.228	302.28	525.76	3
24250	C29H60S	2-thiatriacontane	---	7.43482	2687.3719	128.144	289.49	503.74	3
24251	C29H60S2	1,29-nonacosanedithiol	---	6.62870	2469.4586	115.311	323.41	601.13	3
24252	C29H60S2	2,4-dithiahentriacontane	---	7.22135	2668.0519	121.101	307.75	539.39	3
24253	C29H60S2	3,4-dithiahentriacontane	---	7.19748	2654.5815	121.379	306.95	539.68	3
24254	C29H60S2	2,4-dithiahentriacontane	---	7.34383	2737.1370	119.711	311.75	537.94	3
24255	C29H60S2	3,5-dithiahentriacontane	---	7.31890	2723.0839	119.989	310.95	538.23	3
24256	C29H61N	nonacosylamine	66213-93-2	7.93054	2996.9605	123.458	308.97	507.65	2
24257	C29H61N	methyloctacosylamine	66213-97-6	7.35846	2650.0025	131.798	284.97	502.69	2
24258	C29H61N	ethylheptacosylamine	66213-96-5	7.49185	2722.5428	130.408	288.97	501.27	2
24259	C29H61N	dimethylheptacosylamine	66213-95-4	7.90374	2873.6560	132.076	284.17	476.50	3
24260	C29H61N	diethylpentacosylamine	66213-94-3	7.11836	2457.3178	139.860	261.77	484.38	3
24261	C30H30	1,1,6,6-tetracyclohexylhexane	2819-41-2	10.27447	5277.5153	263.042	305.99	481.04	3
24262	C30H34	1,10-di(1-naphthyl)decane	40339-27-3	12.47490	6477.1702	221.360	343.10	475.63	3
24263	C30H54	tetracosylbenzene	61828-05-5	7.06783	2505.5413	129.852	283.07	514.91	2
24264	C30H54	1,10-bis(decahydro-1-naphthyl)decane	55268-64-9	9.63461	4914.7650	259.149	310.04	502.50	3
24265	C30H54	1,1,6,6-tetracyclohexylhexane	55281-91-9	8.15208	3445.8476	185.149	296.65	508.15	3
24266	C30H56O2	2-triacontynoic acid	---	7.72649	3159.0835	103.636	366	591	3
24267	C30H58	1-triacontyne	61847-90-3	7.35127	2630.9884	132.076	282.17	498.94	2
24268	C30H58O2	2-triacontenoic acid	---	10.43138	4585.4813	94.824	391.37	537.70	3
24269	C30H58O2	cis-21-triacontenoic acid	67329-09-3	10.43138	4585.4813	94.824	391.37	537.70	3
24270	C30H59Br	1-bromo-1-triacontene	---	6.97031	2576.0253	122.902	308.57	557.06	3
24271	C30H59Cl	1-chloro-1-triacontene	---	6.17940	2224.4084	122.902	306.57	619.17	3
24272	C30H59F	1-fluoro-1-triacontene	---	5.81864	1975.7709	134.856	275.17	614.45	3
24273	C30H59I	1-iodo-1-triacontene	---	7.92094	3036.1646	120.122	318.57	520.54	3
24274	C30H60	pentacosylcyclopentane	62016-74-4	7.50915	2694.5681	129.296	284.67	493.39	2
24275	C30H60	tetracosylcyclohexane	61828-09-9	7.48751	2679.4069	128.740	284.27	493.56	2
24276	C30H60	1-triacontene	18435-53-5	7.54032	2699.7797	131.520	281.27	487.91	2
24277	C30H60Br2	1,1-dibromotriacontane	62168-09-6	7.38022	2842.8106	115.396	330.17	561.73	3
24278	C30H60Cl2	1,1-dichlorotriacontane	62017-32-7	6.50510	2431.5596	120.122	321.57	611.56	3
24279	C30H60F2	1,1-difluorotriacontane	62127-19-9	5.69578	1887.7991	141.250	260.77	609.68	3
24280	C30H60I2	1,1-diiodotriacontane	66213-98-7	13.69638	6725.2907	73.252	456.45	566.37	3
24281	C30H60O	2-triacontanone	---	8.46462	3297.4157	116.369	325.37	507.81	3
24282	C30H60O2	triacontanoic acid	506-50-3	13.08739	5895.7502	93.990	393.77	501.21	3
24283	C30H61Br	1-bromotriacontane	4209-22-7	6.88026	2543.3080	122.346	310.17	565.33	3
24284	C30H61Cl	1-chlorotriacontane	62016-82-4	6.26240	2245.6273	125.960	300.77	603.01	3
24285	C30H61F	1-fluorotriacontane	62108-84-3	5.88490	1978.7290	134.300	270.77	597.73	3
24286	C30H61I	1-iodotriacontane	62154-82-9	7.34272	2771.2145	117.342	319.57	548.67	3
24287	C30H62	triacontane	638-68-6	7.53645	2703.9853	131.048	282.63	489.90	1,2
24288	C30H62	2-methylnonacosane	1560-75-4	7.31717	2398.0268	95.700	283.90	484.19	1,2
24289	C30H62	2,6,10,15,19,23-hexamethyltetracosane	111-01-3	7.91478	2867.4888	131.840	282.85	474.02	2
24290	C30H62	9-octyldocosane	55319-83-0	8.25566	3046.7262	129.060	290.85	471.42	2
24291	C30H62O	1-triacontanol	593-50-0	7.55984	2838.1261	126.002	306.65	522.27	3
24292	C30H62S	1-triacontanethiol	66213-99-8	7.31593	2725.8540	123.056	308.53	536.30	3
24293	C30H62S	2-thiahentriacontane	---	7.39212	2695.6055	125.972	295.74	514.27	3
24294	C30H62S2	1,30-triacontanedithiol	---	6.61470	2486.2114	113.139	329.67	611.10	3
24295	C30H62S2	2,3-dithiadotriacontane	---	7.19574	2682.3404	118.929	314.00	549.33	3
24296	C30H62S2	3,4-dithiadotriacontane	---	7.17235	2668.9896	119.207	313.20	549.63	3
24297	C30H62S2	2,4-dithiadotriacontane	---	7.31576	2750.7848	117.539	318.00	547.88	3
24298	C30H62S2	3,5-dithiadotriacontane	---	7.29135	2736.8657	117.817	317.20	548.17	3
24299	C30H63N	triacontylamine	66214-00-4	7.90285	3017.4169	120.956	316.17	518.19	2
24300	C30H63N	methylnonacosylamine	66214-04-8	7.31598	2658.6759	129.574	291.37	513.53	2
24301	C30H63N	ethyloctacosylamine	66214-03-7	7.44577	2730.1339	128.184	295.37	512.10	2
24302	C30H63N	dipentadecylamine	35551-81-6	7.36719	2686.8806	129.018	292.97	512.95	2
24303	C30H63N	dimethyloctacosylamine	66214-02-6	7.84435	2877.5155	129.852	290.57	487.31	3
24304	C30H63N	diethylhexacosylamine	66214-01-5	7.10519	2480.7104	137.358	268.97	494.94	3
24305	C30H63N	tridecylamine	1070-01-5	6.64195	2230.6355	143.196	252.17	501.48	3
24306	C31H34	1,1-di(1-naphthyl)-1-undecene	56247-76-8	11.19420	6646.5989	336.872	315.13	492.67	3
24307	C31H48	1-(1-decylundec-1-enyl)naphthalene	55319-81-8	9.58864	5491.0476	345.777	293.56	511.29	3
24308	C31H56	pentacosylbenzene	61828-06-6	7.02976	2515.0029	127.628	289.47	525.97	2
24309	C31H56	13-phenylpentacosane	6006-90-2	6.95108	2467.3060	127.628	286.97	526.96	2
24310	C31H56	1,1-bis(decahydro-1-naphthyl)undecane	55373-96-1	8.39929	4148.2369	273.150	287.48	521.92	3
24311	C31H58O2	2-hentriacontynoic acid	---	7.72705	3187.8290	101.381	373	600	3
24312	C31H60	1-hentriacontyne	61847-91-4	7.33227	2652.8698	129.574	289.37	509.61	2
24313	C31H60	1-(1-decylundecyl)-decahydronaphthalene	55320-00-8	8.29557	4085.6006	273.150	286.86	525.80	3
24314	C31H60O2	2-hentriacontenoic acid	---	10.87211	4882.2131	90.376	404.17	544.48	3
24315	C31H61Br	1-bromo-1-hentriacontene	---	6.90043	2567.4344	120.956	314.17	569.48	3
24316	C31H61Cl	1-chloro-1-hentriacontene	---	6.14386	2230.6277	120.678	312.97	632.40	3
24317	C31H61F	1-fluoro-1-hentriacontene	---	5.78908	1983.6500	132.632	281.57	628.19	3
24318	C31H61I	1-iodo-1-hentriacontene	---	7.85612	3036.3564	117.898	324.97	531.69	3
24319	C31H62	hexacosylcyclopentane	62016-58-4	7.46067	2701.4775	127.072	291.07	504.29	2
24320	C31H62	pentacosylcyclohexane	61828-10-2	7.43958	2686.5027	126.516	290.67	504.45	2

Table 1 Vapor Pressure – Organic Compounds

log ₁₀ P = A - B/(T + C) (P - mm Hg, T - C)									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
24321	C31H62	1-hentriacontene	18435-54-6	7.51832	2721.3213	129.018	288.47	498.52	2
24322	C31H62	13-cyclohexylpentacosane	6697-15-0	7.25331	2581.1947	127.536	285.24	506.44	2
24323	C31H62Br2	1,1-dibromohentriacontane	62168-10-9	7.34333	2852.8651	113.172	336.57	572.37	3
24324	C31H62Cl2	1,1-dichlorohentriacontane	62017-33-8	6.46923	2438.5562	117.898	327.97	623.89	3
24325	C31H62F2	1,1-difluorohentriacontane	62127-20-2	5.67292	1898.1218	139.026	267.17	622.94	3
24326	C31H62I2	1,1-diiodohentriacontane	66214-07-1	14.25861	7126.9191	69.081	468.45	574.33	3
24327	C31H62O	2-hentriacontanone	---	8.61696	3420.3731	112.477	336.57	516.83	3
24328	C31H62O	16-hentriacontanone	502-73-8	9.19025	3737.6648	108.585	347.77	513.49	3
24329	C31H62O2	hentriacontanoic acid	---	13.83991	6370.0352	89.542	406.57	508.13	3
24330	C31H63Br	1-bromohentriacontane	62108-48-9	6.81483	2536.2572	120.400	315.77	577.72	3
24331	C31H63Cl	1-chlorohentriacontane	62016-83-5	6.22451	2251.2734	123.736	307.17	616.17	3
24332	C31H63F	1-fluorohentriacontane	62108-85-4	5.85338	1986.2281	132.076	277.17	611.40	3
24333	C31H63I	1-iodohentriacontane	57094-91-4	7.29699	2777.5266	115.118	325.97	559.83	3
24334	C31H64	hentriacontane	630-04-6	7.54033	2733.9234	128.740	289.27	498.52	1,2
24335	C31H64	2-methyltriacontane	1560-72-1	7.33020	2428.5000	92.400	291.24	493.01	1,2
24336	C31H64	11-decylheneicosane	55320-06-4	7.95454	2924.4559	128.740	291.77	484.01	2
24337	C31H64O	1-hentriacontanol	544-86-5	6.91881	2507.4892	130.798	292.85	540.20	3
24338	C31H64S	1-hentriacontanethiol	5340-24-9	7.27792	2734.4152	120.938	314.62	546.63	3
24339	C31H64S	2-thiadotriacontane	---	7.35117	2703.5993	123.854	301.83	524.60	3
24340	C31H64S2	1,31-hentriacontanedithiol	---	6.60065	2502.2666	111.021	335.76	620.89	3
24341	C31H64S2	2,3-dithiatritriacontane	---	7.17053	2695.9641	116.811	320.10	559.09	3
24342	C31H64S2	3,4-dithiatritriacontane	---	7.14758	2682.7306	117.089	319.30	559.39	3
24343	C31H64S2	2,4-dithiatritriacontane	---	7.28818	2763.7813	115.421	324.10	557.63	3
24344	C31H64S2	3,5-dithiatritriacontane	---	7.26425	2749.9932	115.699	323.30	557.92	3
24345	C31H65N	hentriacontylamine	66214-08-2	7.88261	3040.9042	118.454	323.37	528.44	2
24346	C31H65N	methyltriacontylamine	66214-12-8	7.28040	2669.9240	127.350	297.77	524.08	2
24347	C31H65N	ethylnonacosylamine	66214-11-7	7.40703	2740.4800	125.960	301.77	522.65	2
24348	C31H65N	dimethylnonacosylamine	66214-10-6	7.79406	2884.7471	127.628	296.97	497.83	3
24349	C31H65N	diethylheptacosylamine	66214-09-3	7.05032	2480.5230	135.412	274.57	505.80	3
24350	C32H2Br16N8	hexadecabromo-phthalocyanide	28746-04-5	9.75610	5702.0000	273.150	378.05	594.17	3
24351	C32H2Cl16N8	hexadecachloro-phthalocyanide	28888-81-5	5.39134	2349.8766	273.150	261.97	790.39	3
24352	C32H58	hexacosylbenzene	13024-80-1	6.99795	2526.7823	125.404	295.87	536.73	2
24353	C32H60O2	2-dotriacontynoic acid	---	7.72758	3215.9709	99.174	379	608	3
24354	C32H62	1-dotriacontyne	61847-92-5	7.29422	2663.2126	127.350	295.77	520.26	2
24355	C32H62O2	2-dotriacontenoic acid	---	11.36288	5211.4730	85.928	416.97	551.09	3
24356	C32H63Br	1-bromo-1-dotriacontene	---	6.85783	2573.3600	118.732	320.57	581.31	3
24357	C32H63Cl	1-chloro-1-dotriacontene	---	6.11275	2238.4877	118.454	319.37	645.30	3
24358	C32H63F	1-fluoro-1-dotriacontene	---	5.76335	1992.8826	130.408	287.97	641.58	3
24359	C32H63I	1-iodo-1-dotriacontene	---	7.79915	3039.5194	115.674	331.37	542.61	3
24360	C32H64	heptacosylcyclopentane	61827-90-5	7.41984	2711.2168	124.848	297.47	514.89	2
24361	C32H64	hexacosylcyclohexane	61828-11-3	7.39924	2696.3981	124.292	297.07	515.06	2
24362	C32H64	1-dotriacontene	18435-55-7	7.47583	2730.6275	126.794	294.87	509.12	2
24363	C32H64Br2	1,1-dibromodotriacontane	62168-11-0	7.28797	2850.9407	111.226	342.17	583.09	3
24364	C32H64Cl2	1,1-dichlorodotriacontane	62017-34-9	6.43784	2447.2668	115.674	334.37	635.95	3
24365	C32H64F2	1,1-difluorodotriacontane	62127-21-3	5.65321	1909.5491	136.802	273.57	635.87	3
24366	C32H64I2	1,1-diiododotriacontane	66214-13-9	14.88098	7570.1520	64.912	480.45	582.16	3
24367	C32H64O	2-dotriacontanone	---	9.37547	3883.3971	104.693	358.97	522.31	3
24368	C32H64O2	dotriacontanoic acid	---	14.70579	6914.0839	85.094	419.37	514.88	3
24369	C32H65Br	1-bromodotriacontane	7596-92-1	6.77541	2543.1821	118.176	322.17	589.53	3
24370	C32H65Cl	1-chlorodotriacontane	62016-84-6	6.19131	2258.6479	121.512	313.57	629.00	3
24371	C32H65F	1-fluorodotriacontane	62108-86-5	5.82592	1995.1443	129.852	283.57	624.72	3
24372	C32H65I	1-iododotriacontane	62154-83-0	7.25699	2786.0154	112.894	332.37	570.77	3
24373	C32H66	dotriacontane	544-85-4	7.55320	2765.7627	126.238	295.81	506.46	1,2
24374	C32H66	2-methylhentriacontane	1720-12-3	7.34270	2457.9000	89.300	298.22	501.42	1,2
24375	C32H66	3-methylhentriacontane	4981-99-1	7.93203	2947.5561	126.238	298.97	494.28	2
24376	C32H66	9-octyltetracosane	55401-54-2	7.62574	2782.2131	129.060	290.85	497.02	2
24377	C32H66	11-decylacosane	55401-55-3	7.62574	2782.2131	129.060	290.85	497.02	2
24378	C32H66O	1-dotriacontanol	6624-79-9	6.86100	2502.1183	129.060	297.85	551.02	3
24379	C32H66S	1-dotriacontanethiol	66256-05-1	7.23749	2740.4792	118.917	320.44	556.80	3
24380	C32H66S	2-thiatritriacontane	---	7.30779	2709.0741	121.833	307.65	534.76	3
24381	C32H66S2	1,32-dotriacontanedithiol	---	6.58377	2515.9167	109.000	341.58	630.56	3
24382	C32H66S2	2,3-dithiatetatriacontane	---	7.14200	2706.8115	114.790	325.92	568.72	3
24383	C32H66S2	3,4-dithiatetatriacontane	---	7.11952	2693.7102	115.068	325.12	569.02	3
24384	C32H66S2	2,4-dithiatetatriacontane	---	7.25723	2773.9255	113.400	329.92	567.25	3
24385	C32H66S2	3,5-dithiatetatriacontane	---	7.23380	2760.2839	113.678	329.12	567.55	3
24386	C32H67N	dotriacontylamine	66214-14-0	7.83969	3050.5017	116.230	329.77	538.69	2
24387	C32H67N	methylhentriacontylamine	66214-18-4	7.22681	2669.8980	125.404	303.37	534.65	2
24388	C32H67N	ethyltriacontylamine	66214-17-3	7.37481	2753.3202	123.736	308.17	532.92	2
24389	C32H67N	dihexadecylamine	16724-63-3	7.29984	2711.0759	124.570	305.77	533.78	2
24390	C32H67N	dimethyltriacontylamine	66214-16-2	7.75182	2895.0070	125.404	303.37	508.08	3
24391	C32H67N	diethyloctacosylamine	66214-15-1	7.00230	2482.7701	133.466	280.17	516.40	3
24392	C33H60	heptacosylbenzene	61828-25-9	6.95005	2528.3440	123.458	301.47	547.51	2
24393	C33H62O2	2-tritriacontynoic acid	---	7.72810	3243.5393	97.011	385	616	3
24394	C33H64	1-tritriacontyne	61847-93-6	7.26257	2675.9746	125.126	302.17	530.63	2
24395	C33H64O2	2-tritriacontenoic acid	---	11.91221	5578.8688	81.480	429.77	557.54	3
24396	C33H65Br	1-bromo-1-tritriacontene	---	6.80107	2569.6212	116.786	326.17	593.21	3
24397	C33H65Cl	1-chloro-1-tritriacontene	---	6.07197	2239.1628	116.508	324.97	658.26	3
24398	C33H65F	1-fluoro-1-tritriacontene	---	5.72929	1995.9151	128.462	293.57	655.03	3
24399	C33H65I	1-iodo-1-tritriacontene	---	7.74918	3045.3676	113.450	337.77	553.32	3
24400	C33H66	octacosylcyclopentane	61827-91-6	7.38581	2723.5116	122.624	303.87	525.22	2

Table 1 Vapor Pressure – Organic Compounds

log ₁₀ P = A - B/(T + C) (P - mm Hg, T - C)									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
24401	C33H66	heptacosylcyclohexane	61828-12-4	7.34015	2694.6651	122.346	302.67	525.67	2
24402	C33H66	1-tritriacontene	61868-11-9	7.44036	2742.5642	124.570	301.27	519.45	2
24403	C33H66Br2	1,1-dibromotritriacontane	62168-12-1	7.23818	2851.1621	109.280	347.77	593.61	3
24404	C33H66Cl2	1,1-dichlorotritriacontane	62017-35-0	6.39479	2447.6056	113.728	339.97	648.07	3
24405	C33H66F2	1,1-difluorotritriacontane	62127-22-4	5.63634	1921.9879	134.578	279.97	648.47	3
24406	C33H66I2	1,1-diiodotritriacontane	66214-19-5	15.57311	8061.7217	60.742	492.45	589.86	3
24407	C33H66O	2-tritriacontanone	---	9.57558	4038.8507	100.801	370.17	530.89	3
24408	C33H66O2	tritriacontanoic acid	38232-03-0	15.71165	7544.3752	80.646	432.17	521.47	3
24409	C33H67Br	1-bromotritriacontane	62108-49-0	6.72222	2540.6662	116.230	327.77	601.40	3
24410	C33H67Cl	1-chlorotritriacontane	62016-85-7	6.14802	2258.6242	119.566	319.17	641.89	3
24411	C33H67F	1-fluorotritriacontane	62108-87-6	5.78978	1997.7033	127.906	289.17	638.10	3
24412	C33H67I	1-iodotritriacontane	62154-84-1	7.22217	2796.4933	110.670	338.77	581.48	3
24413	C33H68	tritriacontane	630-05-7	7.54525	2794.0653	124.014	302.87	516.33	1,2
24414	C33H68	2-methyldotritriacontane	1720-11-2	7.35460	2486.3000	86.200	305.06	509.64	1,2
24415	C33H68O	1-tritriacontanol	71353-61-2	6.80939	2499.0392	127.323	302.85	561.58	3
24416	C33H68S	1-tritriacontanethiol	66214-20-8	7.19615	2744.9290	116.973	326.03	566.81	3
24417	C33H68S	2-thiatetriacontane	---	7.26357	2712.9362	119.889	313.24	544.76	3
24418	C33H68S2	1,33-tritriacontanedithiol	---	6.56519	2527.8548	107.056	347.17	640.09	3
24419	C33H68S2	2,3-dithiapentatriacontane	---	7.11167	2715.7473	112.846	331.51	578.21	3
24420	C33H68S2	3,4-dithiapentatriacontane	---	7.08966	2702.7858	113.124	330.71	578.51	3
24421	C33H68S2	2,4-dithiapentatriacontane	---	7.22448	2782.1197	111.456	335.51	576.74	3
24422	C33H68S2	3,5-dithiapentatriacontane	---	7.20155	2768.6322	111.734	334.71	577.03	3
24423	C33H69N	tritriacontylamine	---	7.80389	3062.9486	114.006	336.17	548.68	2
24424	C33H69N	methyldotriacontylamine	66214-25-3	7.20332	2685.7312	123.180	309.77	544.67	2
24425	C33H69N	ethylhentriacontylamine	66214-24-2	7.32372	2754.3608	121.790	313.77	543.21	2
24426	C33H69N	dimethylhentriacontylamine	66214-23-1	7.68806	2892.1068	123.458	308.97	518.35	3
24427	C33H69N	diethylnonacosylamine	66214-22-0	6.98252	2499.5686	131.242	286.57	526.42	3
24428	C33H69N	triundecylamine	42910-16-7	6.55290	2259.1983	137.080	269.77	533.10	3
24429	C34H18	tetrabenzo-[de,hi,op,st]pentacene	191-79-7	7.25569	3281.5572	273.150	251.42	532.37	3
24430	C34H62	octacosylbenzene	61828-26-0	6.90812	2532.1166	121.512	307.07	558.02	2
24431	C34H64O2	2-tetratracontynoic acid	---	7.72860	3270.5615	94.891	391	624	3
24432	C34H66	1-tetratracontyne	26185-83-1	7.21278	2677.3997	123.180	307.77	541.03	2
24433	C34H66O2	2-tetratracontenoic acid	---	12.53073	5991.3917	77.032	442.57	563.83	3
24434	C34H67Br	1-bromo-1-tetratracontene	---	6.75011	2568.0589	114.840	331.77	604.85	3
24435	C34H67Cl	1-chloro-1-tetratracontene	---	6.03540	2241.4176	114.562	330.57	670.92	3
24436	C34H67F	1-fluoro-1-tetratracontene	---	5.69886	2000.2393	126.516	299.17	668.17	3
24437	C34H67I	1-iodo-1-tetratracontene	---	7.70550	3053.6587	111.226	344.17	563.82	3
24438	C34H68	nonacosylcyclopentane	61827-92-7	7.33273	2724.0131	120.678	309.47	535.57	2
24439	C34H68	octacosylcyclohexane	61828-13-5	7.28833	2695.6198	120.400	308.27	536.03	2
24440	C34H68	1-tetratracontene	61868-12-0	7.41114	2756.8939	122.346	307.67	529.51	2
24441	C34H68Br2	1,1-dibromotetratracontane	62168-13-2	7.19342	2853.3353	107.334	353.37	603.94	3
24442	C34H68Cl2	1,1-dichlorotetratracontane	62017-36-1	6.35611	2449.6290	111.782	345.57	659.93	3
24443	C34H68F2	1,1-difluorotetratracontane	62127-23-5	5.62204	1935.3587	132.354	286.37	660.76	3
24444	C34H68I2	1,1-diiodotetratracontane	66214-26-4	16.34684	8609.9096	56.572	504.45	597.43	3
24445	C34H68O	2-tetratracontanone	---	9.79165	4204.8635	96.909	381.37	539.25	3
24446	C34H68O2	tetratracontanoic acid	---	16.89325	8283.0589	76.198	444.97	527.90	3
24447	C34H68O2	isocetyl stearate	25339-09-7	16.15385	7677.6980	81.800	424.85	510.07	3
24448	C34H69Br	1-bromotetratracontane	62108-50-3	6.67445	2540.1906	114.284	333.37	613.02	3
24449	C34H69Cl	1-chlorotetratracontane	62016-86-8	6.10921	2260.2666	117.620	324.77	654.49	3
24450	C34H69F	1-fluorotetratracontane	62108-88-7	5.75748	2001.6166	125.960	294.77	651.17	3
24451	C34H69I	1-iodotetratracontane	62154-85-2	7.19202	2808.7999	108.446	345.17	591.97	3
24452	C34H70	tetratracontane	14167-59-0	7.54722	2818.8309	122.068	308.47	523.66	1,2
24453	C34H70	11-decyltetracosane	55429-84-0	7.81693	2951.9925	122.068	310.97	514.81	2
24454	C34H70	9-octylhexacosane	55429-83-9	7.39519	2718.7859	126.280	298.85	519.00	2
24455	C34H70	2-methyltritriacontane	66214-27-5	7.36580	2513.8000	83.300	311.59	517.52	1,2
24456	C34H70O	1-tetratracontanol	28484-70-0	6.76329	2498.0111	125.585	307.85	571.90	3
24457	C34H70S	1-tetratracontanethiol	66214-28-6	7.15680	2749.4900	115.071	331.51	576.63	3
24458	C34H70S	2-thiapentatriacontane	---	7.22152	2716.9511	117.987	318.72	554.58	3
24459	C34H70S2	1,34-tetratracontanedithiol	---	6.54712	2539.4636	105.154	352.64	649.45	3
24460	C34H70S2	2,3-dithiahexatriacontane	---	7.08240	2724.4681	110.944	336.98	587.54	3
24461	C34H70S2	3,4-dithiahexatriacontane	---	7.06082	2711.6409	111.222	336.18	587.84	3
24462	C34H70S2	2,4-dithiahexatriacontane	---	7.08240	2724.4681	110.944	336.98	587.54	3
24463	C34H70S2	3,5-dithiahexatriacontane	---	7.17044	2776.7895	109.832	340.18	586.35	3
24464	C34H71N	tetratracontylamine	66214-29-7	7.74656	3061.7947	112.060	341.77	558.69	2
24465	C34H71N	methyltritriacontylamine	66214-33-3	7.16167	2690.2104	121.234	315.37	554.73	2
24466	C34H71N	ethyltriacontylamine	66214-32-2	7.30303	2771.6724	119.566	320.17	552.98	2
24467	C34H71N	diheptadecylamine	16130-73-7	7.20800	2716.9191	120.678	316.97	554.14	2
24468	C34H71N	dimethyldotriacontylamine	66214-31-1	7.65995	2907.7629	121.234	315.37	528.09	3
24469	C34H71N	diethyltriacontylamine	66214-30-0	6.96723	2518.1021	129.018	292.97	536.20	3
24470	C35H64	nonacosylbenzene	61828-27-1	6.87152	2537.8824	119.566	312.67	568.27	2
24471	C35H64	15-phenylnonacosane	56247-97-3	6.60535	2379.1228	122.388	302.05	572.55	2
24472	C35H66O2	2-pentatriacontynoic acid	---	7.72908	3297.0633	92.812	397	632	3
24473	C35H68	1-pentatriacontyne	61847-94-7	7.19244	2694.4930	120.956	314.17	550.89	2
24474	C35H68O2	2-pentatriacontenoic acid	---	13.23187	6457.8683	72.584	455.37	569.99	3
24475	C35H69Br	1-bromo-1-pentatriacontene	---	6.70433	2568.4553	112.894	337.37	616.27	3
24476	C35H69Cl	1-chloro-1-pentatriacontene	---	6.00260	2245.0985	112.616	336.17	683.30	3
24477	C35H69F	1-fluoro-1-pentatriacontene	---	5.67166	2005.7311	124.570	304.77	681.00	3
24478	C35H69I	1-iodo-1-pentatriacontene	---	7.66747	3064.1866	109.002	350.57	574.11	3
24479	C35H70	triacontylcyclopentane	61827-93-8	7.28624	2726.9844	118.732	315.07	545.67	2
24480	C35H70	nonacosylcyclohexane	61828-14-6	7.24296	2698.9851	118.454	313.87	546.14	2

Table 1 Vapor Pressure – Organic Compounds

NO	FORMULA	NAME	log ₁₀ P = A - B/(T + C) (P - mm Hg, T - C)						
			CAS No	A	B	C	TMIN	TMAX	code
24481	C35H70	1-pentatriacontene	61868-13-1	7.38753	2773.4179	120.122	314.07	539.32	2
24482	C35H70	15-cyclohexyl-nonacosane	55521-27-2	6.76728	2424.2767	123.500	296.85	552.65	2
24483	C35H70Br2	1,1-dibromopentatriacontane	---	7.15321	2857.2930	105.388	358.97	614.09	3
24484	C35H70Cl2	1,1-dichloropentatriacontane	62017-37-2	6.32136	2453.1801	109.836	351.17	671.55	3
24485	C35H70F2	1,1-difluoropentatriacontane	62127-24-6	5.61005	1949.5933	130.130	292.77	672.76	3
24486	C35H70I2	1,1-diiodopentatriacontane	66576-85-0	17.21692	9225.0179	52.402	516.45	604.88	3
24487	C35H70O	2-pentatriacontanone	---	10.02494	4382.3941	93.017	392.57	547.39	3
24488	C35H70O	18-pentatriacontanone	504-53-0	10.02494	4382.3941	93.017	392.57	547.39	3
24489	C35H71Br	1-bromopentatriacontane	62108-51-4	6.63153	2541.5555	112.338	338.97	624.41	3
24490	C35H71Cl	1-chloropentatriacontane	---	6.07441	2263.4108	115.674	330.37	666.82	3
24491	C35H71F	1-fluoropentatriacontane	62108-89-8	5.72862	2006.7522	124.014	300.37	663.94	3
24492	C35H71I	1-iodopentatriacontane	62154-86-3	7.16611	2822.7975	106.222	351.57	602.26	3
24493	C35H72	pentatriacontane	630-07-9	7.54811	2846.5560	119.844	314.87	532.10	1,2
24494	C35H72	2-methyltetraatriacontane	14167-65-8	7.36560	2535.7996	80.400	317.96	525.71	2
24495	C35H72O	1-pentatriacontanol	---	6.72211	2498.8297	123.848	312.85	581.98	3
24496	C35H72S	1-pentatriacontanethiol	66576-86-1	7.11695	2752.7592	113.237	336.79	586.30	3
24497	C35H72S	2-thiahexatriacontane	---	7.17904	2719.6808	116.153	323.99	564.24	3
24498	C35H72S2	1,35-pentatriacontanedithiol	---	6.52779	2549.6531	103.320	357.92	658.69	3
24499	C35H72S2	2,3-dithiaheptatriacontane	---	7.05186	2731.6341	109.110	342.26	596.74	3
24500	C35H72S2	3,4-dithiaheptatriacontane	---	7.03073	2718.9462	109.388	341.46	597.04	3
24501	C35H72S2	2,4-dithiaheptatriacontane	---	7.05186	2731.6341	109.110	342.26	596.74	3
24502	C35H72S2	3,5-dithiaheptatriacontane	---	7.03073	2718.9462	109.388	341.46	597.04	3
24503	C35H73N	pentatriacontylamine	66576-87-2	7.72341	3079.3638	109.836	348.17	568.20	2
24504	C35H73N	methyltetraatriacontylamine	66576-91-8	7.12534	2696.7339	119.288	320.97	564.55	2
24505	C35H73N	ethyltriacontylamine	66576-90-7	7.26337	2777.1183	117.620	325.77	562.79	2
24506	C35H73N	dimethyltriacontylamine	66576-89-4	7.61020	2910.1950	119.288	320.97	537.88	3
24507	C35H73N	diethyltriacontylamine	66576-88-3	6.93456	2526.0004	127.072	298.57	546.04	3
24508	C36H66	triacontylbenzene	50715-02-1	6.83967	2545.4572	117.620	318.27	578.27	2
24509	C36H68O2	2-hexatriacontynoic acid	---	7.72955	3323.0684	90.772	403	640	3
24510	C36H70	1-hexatriacontyne	61847-95-8	7.15383	2700.1796	119.010	319.77	560.80	2
24511	C36H70O2	2-hexatriacontenoic acid	---	14.03286	6989.6035	68.136	468.17	576.01	3
24512	C36H71Br	1-bromo-1-hexatriacontene	---	6.66319	2570.6244	110.948	342.97	627.45	3
24513	C36H71Cl	1-chloro-1-hexatriacontene	---	5.97319	2250.0738	110.670	341.77	695.42	3
24514	C36H71F	1-fluoro-1-hexatriacontene	---	5.64737	2012.2843	122.624	310.37	693.54	3
24515	C36H71I	1-iodo-1-hexatriacontene	---	7.63458	3076.7749	106.778	356.97	584.21	3
24516	C36H72	hentriacontylcyclopentane	61827-94-9	7.24562	2732.1851	116.786	320.67	555.54	2
24517	C36H72	triacontylcyclohexane	61828-15-7	7.20335	2704.5278	116.508	319.47	556.01	2
24518	C36H72	1-hexatriacontene	61868-14-2	7.34422	2777.7946	118.176	319.67	549.18	2
24519	C36H72Br2	1,1-dibromohexatriacontane	62168-15-4	7.09617	2849.9006	103.720	363.77	624.35	3
24520	C36H72Cl2	1,1-dichlorohexatriacontane	62017-38-3	6.29015	2458.1240	107.890	356.77	682.93	3
24521	C36H72F2	1,1-difluorohexatriacontane	62127-25-7	5.60019	1964.6329	127.906	299.17	684.48	3
24522	C36H72O	2-hexatriacontanone	---	10.27691	4572.5434	89.125	403.77	555.34	3
24523	C36H73Br	1-bromohexatriacontane	7461-19-0	6.59297	2544.5900	110.392	344.57	635.58	3
24524	C36H73Cl	1-chlorohexatriacontane	62016-88-0	6.04319	2267.9160	113.728	335.97	678.87	3
24525	C36H73F	1-fluorohexatriacontane	62108-90-1	5.70284	2012.9969	122.068	305.97	676.42	3
24526	C36H73I	1-iodohexatriacontane	62154-87-4	7.14407	2838.3678	103.998	357.97	612.36	3
24527	C36H74	hexatriacontane	630-06-8	7.63496	2908.5549	117.898	320.47	535.25	2
24528	C36H74	13-undecylpentacosane	55517-89-0	7.73200	2967.9262	117.898	322.97	534.37	2
24529	C36H74	2-methylpentatriacontane	66576-73-6	7.33360	2544.7468	77.600	324.19	535.33	2
24530	C36H74O	1-hexatriacontanol	---	6.68534	2501.3206	122.110	317.85	591.84	3
24531	C36H74S	1-hexatriacontanethiol	66577-23-9	7.07890	2756.1513	111.439	341.96	595.80	3
24532	C36H74S	2-thiaheptatriacontane	---	7.13854	2722.5702	114.355	329.17	573.74	3
24533	C36H74S2	1,36-hexatriacontanedithiol	---	6.50900	2559.5740	101.522	363.09	667.78	3
24534	C36H74S2	2,3-dithiaoctatriacontane	---	7.02237	2738.6465	107.312	347.43	605.78	3
24535	C36H74S2	3,4-dithiaoctatriacontane	---	7.00165	2726.0925	107.590	346.63	606.08	3
24536	C36H74S2	2,4-dithiaoctatriacontane	---	7.12841	2802.8641	105.922	351.43	604.28	3
24537	C36H74S2	3,5-dithiaoctatriacontane	---	7.10687	2789.8238	106.200	350.63	604.58	3
24538	C36H75N	hexatriacontylamine	45313-33-5	7.67867	3083.2786	107.890	353.77	577.77	2
24539	C36H75N	methylpentatriacontylamine	66577-27-3	7.54029	2899.9028	117.620	325.77	547.73	3
24540	C36H75N	ethyltetraatriacontylamine	66577-26-2	7.22886	2784.5757	115.674	331.37	572.38	2
24541	C36H75N	dioctadecylamine	112-99-2	7.13810	2731.1864	116.786	328.17	573.56	2
24542	C36H75N	dimethyltetraatriacontylamine	66577-25-1	7.54029	2899.9028	117.620	325.77	547.73	3
24543	C36H75N	diethyldotriacontylamine	66577-24-0	6.88549	2523.5454	125.404	303.37	555.96	3
24544	C36H75N	tridodecylamine	102-87-4	6.46498	2280.4818	131.520	285.77	563.09	3
24545	C37H68	hentriacontylbenzene	61828-28-2	6.79257	2543.0673	115.952	323.07	588.36	2
24546	C37H70O2	2-heptatriacontynoic acid	---	7.72999	3348.5986	88.770	409	647	3
24547	C37H72	1-heptatriacontyne	---	7.12025	2707.8093	117.064	325.37	570.47	2
24548	C37H72O2	2-heptatriacontenoic acid	---	14.95611	7601.3128	63.688	480.97	581.90	3
24549	C37H73Br	1-bromo-1-heptatriacontene	---	6.62623	2574.4063	109.002	348.57	638.42	3
24550	C37H73Cl	1-chloro-1-heptatriacontene	---	5.94685	2256.2299	108.724	347.37	707.27	3
24551	C37H73F	1-fluoro-1-heptatriacontene	---	5.62571	2019.8071	120.678	315.97	705.80	3
24552	C37H73I	1-iodo-1-heptatriacontene	---	7.60635	3091.2722	104.554	363.37	594.12	3
24553	C37H74	dotriacontylcyclopentane	---	7.18716	2725.9917	115.118	325.47	565.47	2
24554	C37H74	hentriacontylcyclohexane	61828-16-8	7.14612	2698.8238	114.840	324.27	565.95	2
24555	C37H74	1-heptatriacontene	61868-15-3	7.30647	2784.3093	116.230	325.27	558.81	2
24556	C37H74Br2	1,1-dibromoheptatriacontane	62168-16-5	7.04394	2844.4120	102.052	368.57	634.44	3
24557	C37H74Cl2	1,1-dichloroheptatriacontane	62017-39-4	6.26216	2464.3438	105.944	362.37	694.09	3
24558	C37H74F2	1,1-difluoroheptatriacontane	62127-26-8	5.59227	1980.4266	125.682	305.57	695.93	3
24559	C37H74O	2-heptatriacontanone	---	10.54926	4776.5720	85.233	414.97	563.10	3
24560	C37H75Br	1-bromoheptatriacontane	62108-52-5	6.55834	2549.1466	108.446	350.17	646.52	3

Table 1 Vapor Pressure – Organic Compounds

log ₁₀ P = A - B/(T + C) (P - mm Hg, T - C)									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
24561	C37H75Cl	1-chloroheptatriacontane	62016-89-1	6.01522	2273.6612	111.782	341.57	690.67	3
24562	C37H75F	1-fluoroheptatriacontane	62108-91-2	5.67985	2020.2537	120.122	311.57	688.63	3
24563	C37H75I	1-iodoheptatriacontane	62154-88-5	7.12559	2855.4082	101.774	364.37	622.26	3
24564	C37H76	heptatriacontane	7194-84-5	7.59033	2913.0722	115.952	326.07	544.84	2
24565	C37H76	2-methylhexa-triacontane	66577-06-8	7.29596	2550.1800	75.000	330.05	544.86	2
24566	C37H76O	1-heptatriacontanol	---	6.65254	2505.3342	120.373	322.85	601.48	3
24567	C37H76S	1-heptatriacontanethiol	66577-07-9	7.03815	2756.9922	109.735	346.86	605.20	3
24568	C37H76S	2-thiaoctatriacontane	---	7.09529	2722.8867	112.652	334.07	583.13	3
24569	C37H76S2	1,37-heptatriacontanedithiol	---	6.48738	2567.0866	99.819	368.00	676.78	3
24570	C37H76S2	2,3-dithianonatriacontane	---	6.98959	2742.9035	105.608	352.34	614.74	3
24571	C37H76S2	3,4-dithianonatriacontane	---	6.96931	2730.4974	105.886	351.54	615.04	3
24572	C37H76S2	2,4-dithianonatriacontane	---	7.09339	2806.3419	104.218	356.34	613.23	3
24573	C37H76S2	3,5-dithianonatriacontane	---	7.07231	2793.4629	104.496	355.54	613.53	3
24574	C37H77N	heptatriacontylamine	66577-08-0	7.63963	3089.5142	105.944	359.37	587.12	2
24575	C37H77N	methylhexatriacontylamine	66577-12-6	7.06663	2715.2204	115.396	332.17	583.54	2
24576	C37H77N	ethylpentatriacontylamine	66577-11-5	7.17648	2780.5067	114.006	336.17	582.05	2
24577	C37H77N	dimethylpentatriacontylamine	66577-10-4	7.50305	2907.1503	115.674	331.37	557.09	3
24578	C37H77N	diethyltrtriacontylamine	66577-09-1	6.86171	2534.7701	123.458	308.97	565.36	3
24579	C37H77N	N-methyldioctadecylamine	4088-22-6	7.57598	2949.3643	114.896	333.61	556.31	3
24580	C38H70	dotriacontylbenzene	61828-29-3	6.75022	2542.4842	114.284	327.87	598.22	2
24581	C38H72O2	2-octatriacontynoic acid	---	7.73043	3373.6746	86.802	414	655	3
24582	C38H74	1-octatriacontyne	---	7.09121	2717.2176	115.118	330.97	579.93	2
24583	C38H74O2	2-octatriacontenoic acid	---	16.03139	8312.5117	59.240	493.77	587.67	3
24584	C38H75Br	1-bromo-1-octatriacontene	---	6.57620	2568.9793	107.334	353.37	649.50	3
24585	C38H75Cl	1-chloro-1-octatriacontene	---	5.91129	2255.3952	107.056	352.17	719.26	3
24586	C38H75F	1-fluoro-1-octatriacontene	---	5.59605	2021.2507	119.010	320.77	718.22	3
24587	C38H75I	1-iodo-1-octatriacontene	---	7.58239	3107.5480	102.330	369.77	603.84	3
24588	C38H76	1-octatriacontene	61868-16-4	7.27373	2792.7760	114.284	330.87	568.23	2
24589	C38H76	tritriacontylcyclopentane	---	7.15703	2735.2134	113.172	331.07	574.90	2
24590	C38H76	dotriacontylcyclohexane	61828-17-9	7.11679	2708.2954	112.894	329.87	575.37	2
24591	C38H76Br2	1,1-dibromooctatriacontane	62168-17-6	6.99606	2840.6587	100.384	373.37	644.37	3
24592	C38H76Cl2	1,1-dichlorooctatriacontane	62017-40-7	6.22326	2462.4876	104.276	367.17	705.37	3
24593	C38H76F2	1,1-difluorooctatriacontane	62126-87-8	5.58613	1996.9303	123.458	311.97	707.11	3
24594	C38H76O	2-octatriacontanone	---	10.84399	4995.9370	81.341	426.17	570.69	3
24595	C38H77Br	1-bromooctatriacontane	62108-53-6	6.51098	2544.6871	106.778	354.97	657.59	3
24596	C38H77Cl	1-chlorooctatriacontane	62016-90-4	5.97766	2272.2245	110.114	346.37	702.61	3
24597	C38H77F	1-fluorooctatriacontane	62108-92-3	5.64852	2021.2905	118.454	316.37	700.98	3
24598	C38H77I	1-iodooctatriacontane	62154-89-6	7.11037	2873.8303	99.550	370.77	631.98	3
24599	C38H78	octatriacontane	7194-85-6	7.55147	2919.8335	114.006	331.67	554.21	2
24600	C38H78	2-methylhepta-triacontane	66576-92-9	7.26049	2555.7068	72.400	335.83	554.21	2
24601	C38H78	13-dodecylhexacosane	55517-73-2	7.64402	2977.6916	114.006	334.17	553.31	2
24602	C38H78O	1-octatriacontanol	---	6.62335	2510.7412	118.635	327.85	610.91	3
24603	C38H78S	1-octatriacontanethiol	66576-93-0	6.99893	2757.8688	108.068	351.66	614.44	3
24604	C38H78S	2-thianonatriacontane	---	7.05372	2723.2716	110.984	338.87	592.36	3
24605	C38H78S2	1,38-octatriacontanedithiol	---	6.46620	2574.2905	98.151	372.80	685.65	3
24606	C38H78S2	2,3-dithiatetracontane	---	6.95771	2746.9552	103.941	357.13	623.56	3
24607	C38H78S2	3,4-dithiatetracontane	---	6.93784	2734.6923	104.219	356.33	623.87	3
24608	C38H78S2	2,4-dithiatetracontane	---	7.05937	2809.6410	102.551	361.13	622.05	3
24609	C38H78S2	3,5-dithiatetracontane	---	7.03873	2796.9176	102.829	360.33	622.35	3
24610	C38H79N	octatriacontylamine	66576-94-1	7.60572	3097.8750	103.998	364.97	596.26	2
24611	C38H79N	methylheptatriacontylamine	66576-99-6	7.00142	2701.6953	114.006	336.17	593.32	2
24612	C38H79N	ethylhexatriacontylamine	66576-98-5	7.15125	2791.6218	112.060	341.77	591.22	2
24613	C38H79N	dinonadecylamine	66576-97-4	7.06462	2739.6441	113.172	338.57	592.42	2
24614	C38H79N	dimethylhexatriacontylamine	66576-96-3	7.00142	2701.6953	114.006	336.17	593.32	2
24615	C38H79N	diethyltetraatriacontylamine	66576-95-2	6.82160	2535.6591	121.790	313.77	574.87	3
24616	C39H72	tritriacontylbenzene	61828-30-6	6.71214	2543.5397	112.616	332.67	607.87	2
24617	C39H72	17-phenyltriacontane	55517-74-3	6.48751	2403.5849	115.160	322.85	611.95	2
24618	C39H74O2	2-nonatriacontynoic acid	---	7.73085	3398.3155	84.869	420	662	3
24619	C39H76	1-nonatriacontyne	---	7.04494	2715.5101	113.450	335.77	589.49	2
24620	C39H77Br	1-bromo-1-nonatriacontene	---	6.53045	2565.2228	105.666	358.17	660.39	3
24621	C39H77Cl	1-chloro-1-nonatriacontene	---	5.87879	2255.7513	105.388	356.97	731.02	3
24622	C39H77F	1-fluoro-1-nonatriacontene	---	5.57913	2030.5424	117.064	326.37	729.95	3
24623	C39H77I	1-iodo-1-nonatriacontene	---	7.56235	3125.4897	100.106	376.17	613.39	3
24624	C39H78	1-nonatriacontene	61868-17-5	7.24551	2803.0354	112.338	336.47	577.44	2
24625	C39H78	tetraatriacontylcyclopentane	---	7.10913	2733.0665	111.504	335.87	584.41	2
24626	C39H78	tritriacontylcyclohexane	61828-18-0	7.06990	2706.5446	111.226	334.67	584.89	2
24627	C39H78	17-cyclohexyltri-triacontane	55517-75-4	5.86928	1987.0458	130.036	278.04	609.35	2
24628	C39H78Br2	1,1-dibromononatriacontane	62168-18-7	6.95214	2838.4936	98.716	378.17	654.14	3
24629	C39H78Cl2	1,1-dichlorononatriacontane	62017-41-8	6.18764	2461.9422	102.608	371.97	716.46	3
24630	C39H78F2	1,1-difluorononatriacontane	62126-88-9	5.58163	2014.1056	121.234	318.37	718.05	3
24631	C39H78O	2-nonatriacontanone	---	11.16341	5232.3220	77.449	437.37	578.10	3
24632	C39H79Br	1-bromononatriacontane	62108-54-7	6.46765	2541.8050	105.110	359.77	668.46	3
24633	C39H79Cl	1-chlorononatriacontane	62016-91-5	5.94334	2272.0405	108.446	351.17	714.31	3
24634	C39H79F	1-fluorononatriacontane	62108-93-4	5.63054	2030.3917	116.508	321.97	712.66	3
24635	C39H79I	1-iodononatriacontane	62154-90-9	7.09817	2893.5570	97.326	377.17	641.52	3
24636	C39H80	nonatriacontane	7194-86-7	7.51781	2928.6479	112.060	337.27	563.37	2
24637	C39H80	2-methyloctatriacontane	66576-59-8	7.22327	2559.5451	69.900	341.39	563.43	2
24638	C39H80O	1-nonatriacontanol	---	6.59743	2517.4299	116.898	332.85	620.14	3
24639	C39H80S	1-nonatriacontanethiol	66576-60-1	6.95949	2757.7406	106.459	356.29	623.56	3
24640	C39H80S	2-thiatetracontane	---	7.01199	2722.6620	109.375	343.50	601.48	3

Table 1 Vapor Pressure – Organic Compounds

NO	FORMULA	NAME	$\log_{10} P = A - B/(T + C) \quad (P - \text{mm Hg, } T - ^\circ\text{C})$						
			CAS No	A	B	C	TMIN	TMAX	code
24641	C39H80S2	1,39-nonatriacontanedithiol	---	6.44415	2580.3567	96.542	377.43	694.42	3
24642	C39H80S2	2,3-dithiahentetracontane	---	6.92505	2749.7955	102.332	361.76	632.28	3
24643	C39H80S2	3,4-dithiahentetracontane	---	6.90558	2737.6783	102.610	360.96	632.59	3
24644	C39H80S2	2,4-dithiahentetracontane	---	7.02459	2811.7158	100.942	365.76	630.75	3
24645	C39H80S2	3,5-dithiahentetracontane	---	7.00438	2799.1505	101.220	364.96	631.06	3
24646	C39H81N	nonatriacontylamine	66576-42-9	7.57648	3108.1930	102.052	370.57	605.22	2
24647	C39H81N	methyloctatriacontylamine	66576-46-3	6.96204	2702.6407	112.338	340.97	602.61	2
24648	C39H81N	ethylheptatriacontylamine	66576-45-2	7.10826	2791.2432	110.392	346.57	600.50	2
24649	C39H81N	dimethylheptatriacontylamine	66576-44-1	7.41854	2912.9295	112.060	341.77	575.49	3
24650	C39H81N	diethylpentatriacontylamine	66576-43-0	6.80509	2549.6784	119.844	319.37	583.86	3
24651	C39H81N	tritridecylamine	5910-77-0	6.39100	2303.0791	126.238	300.97	591.42	3
24652	C40H74	tetatriacontylbenzene	61828-31-7	6.67793	2546.0887	110.948	337.47	617.32	2
24653	C40H76O2	2-tetracontynoic acid	---	7.73126	3422.5392	82.969	425	669	3
24654	C40H78	1-tetracontyne	---	7.02412	2728.1690	111.504	341.37	598.54	2
24655	C40H79Br	1-bromo-1-tetracontene	---	6.48856	2562.9853	103.998	362.97	671.09	3
24656	C40H79Cl	1-chloro-1-tetracontene	---	5.84907	2257.1946	103.720	361.77	742.55	3
24657	C40H79F	1-fluoro-1-tetracontene	---	5.55422	2033.7592	115.396	331.17	741.87	3
24658	C40H79I	1-iodo-1-tetracontene	---	7.54591	3144.9996	97.882	382.57	622.78	3
24659	C40H80	pentatriacontylcyclopentane	61827-98-3	7.06602	2732.7798	109.836	340.67	593.73	2
24660	C40H80	tetatriacontylcyclohexane	61828-19-1	7.02771	2706.6119	109.558	339.47	594.21	2
24661	C40H80	1-tetracontene	61868-18-6	7.19878	2801.4774	110.670	341.27	586.75	2
24662	C40H80Br2	1,1-dibromotetracontane	62168-19-8	6.91183	2837.7875	97.048	382.97	663.76	3
24663	C40H80Cl2	1,1-dichlorotetracontane	62017-42-9	6.15500	2462.5963	100.940	376.77	727.34	3
24664	C40H80F2	1,1-difluorotetracontane	62126-89-0	5.57866	2031.9190	119.010	324.77	728.75	3
24665	C40H80O	2-tetracontanone	---	11.51024	5487.6820	73.557	448.57	585.36	3
24666	C40H81Br	1-bromotetracontane	62108-55-8	6.42798	2540.3598	103.442	364.57	679.14	3
24667	C40H81Cl	1-chlorotetracontane	62016-92-6	5.91195	2272.9985	106.778	355.97	725.79	3
24668	C40H81F	1-fluorotetracontane	62108-94-5	5.60424	2033.2797	114.840	326.77	724.53	3
24669	C40H81I	1-iodotetracontane	62154-91-0	7.08876	2914.5215	95.102	383.57	650.89	3
24670	C40H82	tetracontane	4181-95-7	7.09976	2395.7677	40.100	352.66	571.39	2
24671	C40H82	2-methylnonatriacontane	66576-48-5	7.18526	2562.2630	67.500	346.75	572.52	2
24672	C40H82O	1-tetracontanol	---	6.57450	2525.3028	115.160	337.85	629.18	3
24673	C40H82S	1-tetracontanethiol	66576-49-6	6.92144	2757.6466	104.884	360.82	632.53	3
24674	C40H82S	2-thiahentetracontane	---	6.97178	2722.1158	107.800	348.03	610.45	3
24675	C40H82S2	1,40-tetracontanedithiol	---	6.42254	2586.1508	94.967	381.96	703.06	3
24676	C40H82S2	2,3-dithiadotetracontane	---	6.89324	2752.4643	100.757	366.30	640.87	3
24677	C40H82S2	3,4-dithiadotetracontane	---	6.87416	2740.4881	101.035	365.50	641.18	3
24678	C40H82S2	2,4-dithiadotetracontane	---	6.99075	2813.6442	99.367	370.30	639.33	3
24679	C40H82S2	3,5-dithiadotetracontane	---	6.97096	2801.2318	99.645	369.50	639.64	3
24680	C40H83N	tetracontylamine	66576-50-9	7.52700	3105.2483	100.384	375.37	614.26	2
24681	C40H83N	methylnonatriacontylamine	66576-36-1	6.92663	2705.1543	110.670	345.77	611.71	2
24682	C40H83N	ethyloctatriacontylamine	66576-53-2	7.06957	2792.5744	108.724	351.37	609.58	2
24683	C40H83N	dieicosylamine	3071-00-9	6.98696	2742.0642	109.836	348.17	610.79	2
24684	C40H83N	dimethyloctatriacontylamine	66576-52-1	7.37146	2911.5166	110.392	346.57	584.54	3
24685	C40H83N	diethylhexatriacontylamine	66576-51-0	6.77236	2553.3831	118.176	324.17	592.97	3
24686	C41H76	pentatriacontylbenzene	61828-32-8	6.64722	2550.0055	109.280	342.27	626.57	2
24687	C41H82	1-hentetracontene	66576-37-2	6.98047	2519.3748	68.300	352.97	594.93	2
24688	C41H82	hexatriacontylcyclopentane	61827-99-4	7.02739	2734.2529	108.168	345.47	602.85	2
24689	C41H82	pentatriacontylcyclohexane	61828-20-4	6.93861	2673.4549	107.612	342.57	604.03	2
24690	C41H84	n-hentetracontane	7194-87-8	7.08521	2406.3998	36.500	358.95	579.99	2
24691	C41H84	2-methyltetracontane	66576-38-3	7.14632	2563.7961	65.200	351.93	581.49	2
24692	C41H84S	1-hentetracontanethiol	66576-39-4	6.88335	2756.7363	103.361	365.20	641.40	3
24693	C42H28	rubrene	517-51-1	10.70794	6413.6070	273.150	387.51	579.03	3
24694	C42H30	hexaphenyl benzene	992-04-1	7.43818	3739.8584	273.150	307.74	605.51	3
24695	C42H78	hexatriacontylbenzene	61828-33-9	6.60240	2544.3859	107.890	346.27	635.96	2
24696	C42H84	1-dotetracontene	21807-60-3	6.94656	2521.6127	66.000	358.05	603.80	2
24697	C42H84	hexatriacontylcyclohexane	61828-21-5	6.86620	2653.1061	106.500	345.77	613.60	2
24698	C42H86	n-dotetracontane	7098-20-6	7.01293	2383.4473	33.000	363.39	589.13	2
24699	C42H86	2,2,4,15,17,17-hexamethyl-7,12-bis(3,5,5-trimethylhexyl)-octadecane	55470-97-8	7.02151	2717.0863	112.380	338.85	595.26	2
24700	C42H86	2-methylhen-tetracontane	66576-40-7	7.10898	2565.2742	62.900	357.02	590.32	2
24701	C42H86S	1-dotetracontanethiol	66576-41-8	6.84639	2755.7704	101.871	369.49	650.14	3
24702	C42H87N	tritradecylamine	27911-72-4	6.31036	2315.7522	121.512	314.57	618.70	3
24703	C43H80	heptatriacontyl-benzene	66576-74-7	6.65849	2450.1553	64.900	368.10	639.85	2
24704	C43H86	1-tritetracontene	66576-76-9	6.91158	2522.6726	63.800	362.93	612.57	2
24705	C43H86	heptatriacontyl-cyclohexane	66576-75-8	6.92493	2712.1324	103.582	354.17	620.99	2
24706	C43H88	tritetracontane	7098-21-7	6.96586	2374.3796	29.600	368.39	597.88	2
24707	C43H88	2-methylidotetracontane	66576-77-0	7.07035	2565.4047	60.700	361.91	599.04	2
24708	C43H88S	1-tritetracontanethiol	66576-78-1	6.80899	2753.7802	100.437	373.62	658.78	3
24709	C44H82	octatriacontylbenzene	66576-79-2	6.62416	2449.1189	62.800	372.66	648.67	2
24710	C44H88	octatriacontyl-cyclohexane	66576-80-5	6.88542	2710.5579	102.088	358.47	629.79	2
24711	C44H88	1-tetretetracontene	66576-81-6	6.87561	2522.6037	61.700	367.63	621.23	2
24712	C44H90	n-tetretetracontane	7098-22-8	6.92153	2366.3956	26.300	373.33	606.48	2
24713	C44H90	2-methyltritretetracontane	66576-82-7	7.03091	2564.5010	58.600	366.63	607.66	2
24714	C44H90S	1-tetretetracontanethiol	66576-83-8	6.77133	2750.9127	99.055	377.60	667.33	3
24715	C45H84	nonatriacontyl-benzene	66576-61-2	6.59112	2448.0845	60.700	377.15	657.37	2
24716	C45H90	nonatriacontylcyclo-hexane	66576-62-3	6.84715	2708.9871	100.626	362.67	638.46	2
24717	C45H90	1-pentatetracontene	66576-63-4	6.83859	2521.3751	59.700	372.15	629.81	2
24718	C45H92	n-pentatetracontane	7098-23-9	6.88802	2363.9131	23.000	378.48	614.83	2
24719	C45H92	2-methyltetra-tetracontane	66576-64-5	6.99278	2563.4673	56.500	371.26	616.16	2
24720	C45H92S	1-pentatetracontanethiol	66576-65-6	6.73514	2748.2949	97.696	381.51	675.75	3

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mm Hg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
24721	C45H93N	tripentadecylamine	66576-66-7	6.23688	2327.4485	117.064	327.37	644.78	3
24722	C46H86	tetracontylbenzene	66576-67-8	6.55737	2446.1483	58.700	381.46	665.97	2
24723	C46H92	tetracontylcyclohexane	66576-69-0	6.80897	2706.7280	99.211	366.75	647.03	2
24724	C46H92	1-hexatetracontene	66576-68-9	6.80292	2520.1352	57.700	376.59	638.26	2
24725	C46H94	n-hexatetracontane	7098-24-0	6.84175	2353.5045	19.800	383.08	623.25	2
24726	C46H94	2-methylpenta-tetracontane	66564-10-1	6.95401	2561.5462	54.500	375.72	624.56	2
24727	C46H94S	1-hexatetracontanethiol	66564-11-2	6.69835	2744.6120	96.392	385.26	684.10	3
24728	C47H88	hentetracontyl-benzene	66564-12-3	6.52779	2445.5138	56.700	385.70	674.19	3
24729	C47H94	hentetracontyl-cyclohexane	66564-13-4	6.76509	2701.0212	97.850	370.66	655.94	3
24730	C47H94	1-heptatetracontene	66576-01-0	6.77906	2523.4298	55.800	380.85	645.69	3
24731	C47H96	n-heptatetracontane	7098-25-1	7.08047	2458.3527	16.700	387.60	613.87	2
24732	C47H96	2-methylhexa-tetracontane	66576-02-1	7.19353	2679.3599	52.600	380.01	615.29	2
24733	C47H96S	1-heptatetracontanethiol	66576-03-2	6.66261	2740.9708	95.116	388.93	692.35	3
24734	C48H90	dotetracontylbenzene	66576-04-3	6.54938	2467.1222	54.800	389.78	677.82	3
24735	C48H96	dotetracontyl-cyclohexane	66576-05-4	6.78628	2725.4599	96.514	374.51	659.63	3
24736	C48H96	1-octatetracontene	66576-06-5	6.80653	2548.7429	53.900	385.04	649.26	3
24737	C48H98	n-octatetracontane	7098-26-2	7.12694	2488.9940	13.700	392.54	617.21	2
24738	C48H98	2-methylhepta-tetracontane	66576-07-6	7.22593	2707.7896	50.700	384.22	618.87	2
24739	C48H98S	1-octatetracontanethiol	66576-08-7	6.69536	2770.3110	93.855	392.56	694.62	3
24740	C48H99N	trihexadecylamine	28947-77-5	6.18497	2347.6830	112.616	340.17	669.13	3
24741	C49H92	tritetracontylbenzene	66576-09-8	6.56865	2487.4035	53.000	393.68	681.44	3
24742	C49H98	tritetracontylcyclohexane	66576-11-2	6.80683	2749.4287	95.204	378.28	663.26	3
24743	C49H98	1-nonatetracontene	66576-10-1	6.83154	2572.7376	52.100	389.08	652.82	3
24744	C49H100	n-nonatetracontane	7098-27-3	7.14167	2500.8493	10.700	396.49	620.85	2
24745	C49H100	2-methylocta-tetracontane	66576-12-3	7.25514	2734.5449	48.900	388.27	622.44	2
24746	C49H100S	1-nonatetracontanethiol	66576-13-4	6.71071	2790.7505	92.645	396.04	698.19	3
24747	C50H94	tetratetracontyl-benzene	66576-14-5	6.58715	2507.0488	51.200	397.52	685.02	3
24748	C50H100	1-pentacontene	63911-02-4	6.85530	2595.8000	50.300	393.02	656.34	3
24749	C50H100	tetratetracontyl-cyclohexane	66576-15-6	6.82529	2771.9991	93.939	381.92	666.88	3
24750	C50H102	n-pentacontane	6596-40-3	7.17280	2522.5655	7.800	400.86	624.27	2
24751	C50H102	2-methylnona-tetracontane	66576-16-7	7.28054	2759.2363	47.200	392.13	626.00	2
24752	C50H102S	1-pentacontanethiol	66576-17-8	6.72317	2809.1930	91.495	399.35	701.77	3
24753	C51H96	pentatetracontylbenzene	66576-18-9	6.60324	2525.3051	49.500	401.19	688.59	3
24754	C51H102	1-henpentacontene	66576-19-0	6.87654	2617.4961	48.600	396.81	659.85	3
24755	C51H102	pentatetracontyl-cyclohexane	66576-20-3	6.84151	2793.0681	92.722	385.42	670.48	3
24756	C51H104	n-henpentacontane	7667-76-7	7.20507	2544.7772	4.900	405.21	627.62	2
24757	C51H104	2-methylpentacontane	66575-81-3	7.30568	2783.6343	45.500	395.95	629.51	2
24758	C51H104S	1-henpentacontanethiol	66575-82-4	6.73815	2829.2502	90.316	402.74	705.24	3
24759	C51H105N	triheptadecylamine	66575-83-5	6.24163	2411.6461	108.724	351.37	679.45	3
24760	C52H104	1-dopentacontene	66575-85-7	6.89707	2638.6092	46.900	400.54	663.32	3
24761	C52H104	hexatetracontyl-cyclohexane	66575-86-8	6.85715	2813.6960	91.527	388.86	674.04	3
24762	C52H106	n-dopentacontane	7719-79-1	7.22039	2557.2699	2.100	409.01	631.12	2
24763	C52H106	2-methylhenpentacontane	66575-87-9	7.32984	2807.2907	43.800	399.70	632.98	2
24764	C52H106S	1-dopentacontanethiol	66575-88-0	6.73782	2838.9546	89.400	405.38	708.96	3
24765	C53H100	heptatetracontyl-benzene	66575-89-1	6.63212	2559.5613	46.200	408.26	695.64	3
24766	C53H106	heptatetracontyl-cyclohexane	66563-49-3	6.87195	2833.7045	90.357	392.23	677.56	3
24767	C53H106	1-tripentacontene	66577-50-2	6.91455	2658.0016	45.300	404.10	666.78	3
24768	C53H108	n-tripentacontane	7719-80-4	7.25363	2580.1504	-0.700	413.28	634.37	2
24769	C53H108	2-methylidopentacontane	66575-90-4	7.35077	2829.2282	42.200	403.29	636.45	2
24770	C53H108S	1-tripentacontanethiol	66575-91-5	6.76089	2864.3147	88.111	409.09	712.19	3
24771	C54H102	octatetracontyl-benzene	66575-92-6	6.64485	2575.5256	44.600	411.66	699.13	3
24772	C54H108	octatetracontyl-cyclohexane	66575-93-7	6.88470	2852.3106	89.230	395.47	681.07	3
24773	C54H108	1-tetrapentacontene	66575-94-8	6.93150	2676.9214	43.700	407.61	670.21	3
24774	C54H110	n-tetrapentacontane	5856-66-6	7.26903	2593.2192	-3.300	416.96	637.78	2
24775	C54H110	2-methyltripentacontane	66575-95-9	7.37086	2850.5072	40.600	406.83	639.87	2
24776	C54H110S	1-tetrapenta-contanethiol	66575-96-0	6.77040	2880.4782	87.055	412.13	715.63	3
24777	C54H111N	trioctadecylamine	102-88-5	6.28972	2469.6638	105.110	361.77	689.54	3
24778	C55H104	nonatetracontyl-benzene	66575-98-2	6.65691	2590.9042	43.000	415.01	702.57	3
24779	C55H110	nonatetracontyl-cyclohexane	66575-99-3	6.89696	2870.5242	88.121	398.66	684.54	3
24780	C55H110	1-pentapentacontene	66576-00-9	6.94596	2694.4780	42.200	410.96	673.63	3
24781	C55H112	n-pentapentacontane	5846-40-2	7.28565	2606.3962	-6.000	420.66	641.12	2
24782	C55H112	2-methyltetra-pentacontane	66575-60-8	7.38768	2870.0281	39.100	410.21	643.29	2
24783	C55H112S	1-pentapenta-contanethiol	66575-61-9	6.77831	2895.4756	86.037	415.06	719.05	3
24784	C56H106	pentacontylbenzene	66575-62-0	6.66679	2605.0447	41.500	418.20	706.01	3
24785	C56H112	pentacontylcyclo-hexane	66575-64-2	6.90714	2887.2986	87.056	401.73	688.00	3
24786	C56H112	1-hexapentacontene	66575-63-1	6.95964	2711.3939	40.700	414.26	677.02	3
24787	C56H114	n-hexapentacontane	7719-82-6	7.30169	2619.9473	-8.500	424.25	644.43	2
24788	C56H114	2-methylpenta-pentacontane	66575-65-3	7.40383	2888.9881	37.600	413.53	646.67	2
24789	C56H114S	1-hexapenta-contanethiol	66575-66-4	6.78703	2910.9507	85.015	418.00	722.42	3
24790	C57H108	henpentacontyl-benzene	66575-67-5	6.67579	2618.4473	40.000	421.34	709.42	3
24791	C57H114	henpentacontyl-cyclohexane	66575-68-6	6.91721	2903.9181	86.003	404.76	691.41	3
24792	C57H114	1-heptapentacontene	66575-69-7	6.97057	2726.7658	39.300	417.40	680.40	3
24793	C57H116	n-heptapentacontane	5856-67-7	7.31890	2633.5910	-11.100	427.88	647.69	2
24794	C57H116	2-methylhexa-pentacontane	66575-70-0	7.41663	2906.1270	36.200	416.71	650.05	2
24795	C57H116S	1-heptapenta-contanethiol	66575-71-1	6.79401	2925.1504	84.033	420.83	725.77	3
24796	C57H117N	trinonadecylamine	66575-72-2	6.34303	2530.8124	101.496	372.17	699.09	3
24797	C58H110	dopentacontylbenzene	66575-73-3	6.68279	2630.7202	38.600	424.33	712.83	3
24798	C58H116	dopentacontyl-cyclohexane	66575-74-4	6.92491	2918.8954	84.996	407.65	694.82	3
24799	C58H116	1-octapentacontene	66575-75-5	6.98263	2742.3550	37.800	420.59	683.72	3
24800	C58H118	n-octapentacontane	7667-78-9	7.33547	2647.5836	-13.500	431.40	650.92	2

Table 1 Vapor Pressure – Organic Compounds

NO	FORMULA	NAME	$\log_{10} P = A - B/(T + C)$ (P - mm Hg, T - C)						
			CAS No	A	B	C	TMIN	TMAX	code
24801	C58H118	2-methylhepta-pentacontane	66575-76-6	7.42900	2922.8490	34.800	419.84	653.39	2
24802	C58H118S	1-octapentacontanethiol	66575-77-7	6.79910	2937.9794	83.090	423.54	729.12	3
24803	C59H112	tripentacontylbenzene	66575-78-8	6.68961	2642.7424	37.200	427.29	716.20	3
24804	C59H118	tripentacontyl-cyclohexane	66575-80-2	6.93207	2933.4310	84.008	410.50	698.19	3
24805	C59H118	1-nonapentacontene	66575-79-9	6.99039	2755.7617	36.500	423.53	687.07	3
24806	C59H120	n-nonapentacontane	7667-79-0	7.35334	2661.7587	-16.000	434.95	654.08	2
24807	C59H120	2-methylocta-pentacontane	66575-49-3	7.43966	2938.3377	33.400	422.89	656.71	2
24808	C59H120S	1-nonapenta-contanethiol	66575-50-6	6.80387	2950.5017	82.163	426.21	732.44	3
24809	C60H114	tetrapentacontyl-benzene	66575-51-7	6.69532	2653.8680	35.800	430.17	719.54	3
24810	C60H120	tetrapentacontyl-cyclohexane	66575-53-9	6.93882	2947.6075	83.036	413.29	701.53	3
24811	C60H120	1-hexacontene	66575-52-8	6.99968	2769.6599	35.100	426.53	690.35	3
24812	C60H122	n-hexacontane	7667-80-3	7.35276	2665.6929	-18.300	437.91	657.41	2
24813	C60H122	2-methylnona-pentacontane	66575-54-0	7.44809	2952.7094	32.100	425.82	660.01	2
24814	C60H122S	1-hexacontanethiol	66575-55-1	6.80806	2962.5446	81.254	428.82	735.72	3
24815	C60H123N	trieicosylamine	45324-58-1	6.38662	2585.2019	98.160	381.77	708.51	3
24816	C61H116	pentapentacontyl-benzene	66563-50-6	6.69955	2664.2203	34.500	432.94	722.87	3
24817	C61H122	pentapentacontyl-cyclohexane	66563-52-8	6.94317	2960.1021	82.110	415.96	704.87	3
24818	C61H122	1-henhexacontene	66563-51-7	7.00224	2780.1379	34.000	429.18	693.71	3
24819	C61H124	n-henhexacontane	7667-81-4	7.37032	2680.2796	-20.600	441.35	660.52	2
24820	C61H124	2-methylhexacontane	66563-53-9	7.45100	2964.2706	31.000	428.51	663.35	2
24821	C61H124S	1-henhexacontanethiol	66563-54-0	6.80722	2971.0155	80.438	431.17	739.07	3
24822	C62H118	hexapentacontyl-benzene	66563-55-1	6.70283	2673.7804	33.200	435.65	726.18	3
24823	C62H124	hexapentacontyl-cyclohexane	66563-57-3	6.94775	2972.6619	81.190	418.61	708.17	3
24824	C62H124	1-dohexacontene	66563-56-2	7.00223	2789.1413	33.000	431.68	697.07	3
24825	C62H126	n-dohexacontane	7719-83-7	7.38832	2695.0020	-22.900	444.76	663.58	2
24826	C62H126	2-methylhen-hexacontane	66563-58-4	7.45048	2973.8991	30.000	431.04	666.69	2
24827	C62H126S	1-dohexacontanethiol	66563-59-5	6.80580	2978.9865	79.640	433.46	742.38	3
24828	C63H120	heptapentacontyl-benzene	66563-60-8	6.70426	2682.2991	32.000	438.23	729.49	3
24829	C63H126	heptapentacontyl-cyclohexane	66563-61-9	6.94824	2982.3831	80.341	421.05	711.50	3
24830	C63H126	1-trihexacontene	66563-62-0	7.02124	2806.7755	31.000	435.15	700.05	3
24831	C63H128	n-trihexacontane	7719-84-8	7.38864	2699.4595	-25.100	447.64	666.79	2
24832	C63H128	2-methyldohexacontane	66563-63-1	7.47386	2994.3803	28.000	434.53	669.66	2
24833	C63H128S	1-trihexacontanethiol	66563-64-2	6.82127	2998.6070	78.572	436.54	745.35	3
24834	C64H122	octapentacontyl-benzene	66563-65-3	6.70199	2688.8504	31.000	440.56	732.85	3
24835	C64H128	octapentacontyl-cyclohexane	66563-66-4	6.94674	2990.6624	79.532	423.38	714.82	3
24836	C64H128	1-tetrahexacontene	66563-66-8	7.02008	2814.7486	30.000	437.56	703.34	3
24837	C64H130	n-tetrahexacontane	7719-87-1	7.38949	2704.0774	-27.300	450.51	669.96	2
24838	C64H130	2-methyltrihexacontane	66563-37-9	7.47227	3003.0427	27.000	436.99	672.94	2
24839	C64H130S	1-tetrahexacontanethiol	66563-38-0	6.81957	3006.2092	77.796	438.77	748.60	3
24840	C65H124	nonapentacontyl-benzene	66563-39-1	6.69897	2694.7320	30.000	442.85	736.17	3
24841	C65H130	nonapentacontyl-cyclohexane	66563-40-4	6.96313	3010.9225	78.459	426.46	717.81	3
24842	C65H130	1-pentahexacontene	66563-41-5	7.01847	2822.2683	29.000	439.93	706.61	3
24843	C65H132	n-pentahexacontane	7719-88-2	7.39102	2708.9523	-29.500	453.37	673.08	2
24844	C65H132	2-methyltetra-hexacontane	66563-42-6	7.47017	3011.2005	26.000	439.40	676.19	2
24845	C65H132S	1-pentahexacontanethiol	66563-43-7	6.81762	3013.5372	77.032	440.97	751.83	3
24846	C66H126	hexacontylbenzene	66563-44-8	6.71233	2708.2324	28.000	446.10	739.10	3
24847	C66H132	hexacontylcyclo-hexane	66563-45-9	6.96069	3018.3894	77.682	428.70	721.08	3
24848	C66H132	1-hexahexacontene	66563-46-0	7.01663	2829.4876	28.000	442.28	709.85	3
24849	C66H134	n-hexahexacontane	7719-89-3	7.40969	2724.4437	-31.600	456.65	676.00	2
24850	C66H134	2-methylpenta-hexacontane	66563-47-1	7.46729	3018.6882	25.000	441.76	679.40	2
24851	C66H134S	1-hexahexacontanethiol	66563-48-2	6.81540	3020.5844	76.282	443.13	755.02	3
24852	C67H128	henhexacontyl-benzene	66563-72-2	6.70901	2713.6633	27.000	448.33	742.36	3
24853	C67H134	henhexacontyl-cyclohexane	66563-73-3	6.95859	3025.9837	76.908	430.93	724.31	3
24854	C67H134	1-heptahexacontene	66563-74-4	7.01411	2836.1042	27.000	444.57	713.06	3
24855	C67H136	n-heptahexacontane	7719-90-6	7.41056	2729.5538	-33.600	459.39	679.08	2
24856	C67H136	2-methylhexa-hexacontane	66563-75-5	7.46414	3025.8427	24.000	444.10	682.59	2
24857	C67H136S	1-heptahexa-contanethiol	66563-76-6	6.81327	3027.5933	75.538	445.27	758.18	3
24858	C68H130	dohexacontylbenzene	66563-77-7	6.70548	2718.8049	26.000	450.53	745.59	3
24859	C68H136	dohexacontyl-cyclohexane	66563-78-8	6.95603	3033.1637	76.150	433.11	727.51	3
24860	C68H136	1-octahexacontene	66563-79-9	7.01135	2842.4102	26.000	446.84	716.24	3
24861	C68H138	n-octahexacontane	7719-91-7	7.41187	2734.7921	-35.600	462.12	682.12	2
24862	C68H138	2-methylhepta-hexacontane	66563-80-2	7.46072	3032.6577	23.000	446.40	685.75	2
24863	C68H138S	1-octahexacontanethiol	66563-81-3	6.81085	3034.3094	74.807	447.37	761.32	3
24864	C69H132	trihexacontylbenzene	66563-82-4	6.70116	2723.2565	25.000	452.67	748.80	3
24865	C69H138	trihexacontyl-cyclohexane	66563-93-7	6.95340	3040.1933	75.401	435.26	730.68	3
24866	C69H138	1-nona-hexacontene	66563-83-5	7.00833	2848.4008	25.000	449.08	719.39	3
24867	C69H140	n-nona-hexacontane	7719-92-8	7.41378	2740.2571	-37.600	464.84	685.12	2
24868	C69H140	2-methylocta-hexacontane	66563-94-8	7.45649	3038.7847	22.000	448.66	688.89	2
24869	C69H140S	1-nona-hexacontanethiol	66577-83-1	6.80839	3040.8969	74.085	449.45	764.43	3
24870	C70H134	tetrahexacontyl-benzene	66577-84-2	6.69717	2727.8074	24.000	454.80	751.98	3
24871	C70H140	tetrahexacontyl-cyclohexane	66577-86-4	6.95042	3046.8862	74.666	437.38	733.83	3
24872	C70H140	1-heptacontene	66577-85-3	7.00441	2853.6342	24.000	451.26	722.52	3
24873	C70H142	n-heptacontane	7719-93-9	7.41530	2745.8068	-39.500	467.51	688.10	2
24874	C70H142	2-methylnona-hexacontane	66577-87-5	7.45197	3044.5613	21.000	450.88	691.99	2
24875	C70H142S	1-heptacontanethiol	66577-88-6	6.80573	3047.2594	73.374	451.50	767.51	3
24876	C71H136	pentahexacontyl-benzene	66577-89-7	6.69238	2731.6612	23.000	456.88	755.13	3
24877	C71H142	pentahexacontyl-cyclohexane	66577-91-1	6.94736	3053.4195	73.941	439.47	736.95	3
24878	C71H142	1-henheptacontene	66577-90-0	7.00041	2858.6843	23.000	453.41	725.63	3
24879	C71H144	n-henheptacontane	7667-82-5	7.39985	2740.9349	-41.400	469.68	691.22	2
24880	C71H144	2-methylheptacontane	66577-92-2	7.44740	3050.1620	20.000	453.08	695.07	2

Table 1 Vapor Pressure – Organic Compounds

NO	FORMULA	NAME	$\log_{10} P = A - B/(T + C) \quad (P - \text{mm Hg}, T - ^\circ\text{C})$						
			CAS No	A	B	C	TMIN	TMAX	code
24881	C71H144S	1-henheptacontanethiol	66577-93-3	6.80277	3053.3126	72.676	453.51	770.57	3
24882	C72H138	hexahexacontyl-benzene	66577-94-4	6.68754	2735.3497	22.000	458.94	758.26	3
24883	C72H144	hexahexacontyl-cyclohexane	66577-96-6	6.94459	3060.0571	73.218	441.55	740.03	3
24884	C72H144	1-doheptacontene	66577-95-5	6.99636	2863.5609	22.000	455.55	728.70	3
24885	C72H146	n-doheptacontane	7667-83-6	7.75644	3529.6344	73.140	449.27	698.43	2
24886	C72H146	2-methylhen-heptacontane	66577-97-7	7.44201	3055.0594	19.000	455.24	698.12	2
24887	C72H146S	1-doheptacontanethiol	66577-98-8	6.79960	3059.1290	71.989	455.48	773.60	3
24888	C73H140	heptaheptacontyl-benzene	66577-99-9	6.68245	2738.7300	21.000	460.96	761.36	3
24889	C73H146	heptaheptacontyl-cyclohexane	66578-00-5	6.94105	3066.0763	72.516	443.57	743.10	3
24890	C73H146	1-triheptacontene	66578-01-6	6.99160	2867.8094	21.000	457.64	731.75	3
24891	C73H148	n-triheptacontane	7667-84-7	7.40469	2752.9145	-45.100	474.93	697.01	2
24892	C73H148	2-methylheptacontane	66578-02-7	7.43628	3059.5908	18.000	457.37	701.15	2
24893	C73H148S	1-triheptacontanethiol	66577-64-8	6.79669	3065.0455	71.304	457.45	776.60	3
24894	C74H142	octahexacontyl-benzene	66577-65-9	6.67709	2741.7993	20.000	462.96	764.44	3
24895	C74H148	octahexacontyl-cyclohexane	66577-66-0	6.93780	3072.1914	71.817	445.58	746.14	3
24896	C74H148	1-tetraheptacontene	66577-67-1	6.98676	2871.8755	20.000	459.70	734.78	3
24897	C74H150	n-tetraheptacontane	7667-85-8	7.38999	2748.5203	-46.900	477.03	700.04	2
24898	C74H150	2-methyltriheptacontane	66577-68-2	7.43049	3063.9300	17.000	459.47	704.15	2
24899	C74H150S	1-tetrahepta-contanethiol	66577-69-3	6.79355	3070.7149	70.631	459.39	779.58	3
24900	C75H144	nonahexacontyl-benzene	66577-70-6	6.67166	2744.6920	19.000	464.93	767.49	3
24901	C75H150	nonahexacontyl-cyclohexane	66577-71-7	6.93415	3077.9473	71.131	447.55	749.15	3
24902	C75H150	1-pentaheptacontene	66577-72-8	6.98161	2875.6015	19.000	461.74	737.78	3
24903	C75H152	n-pentaheptacontane	7667-86-9	7.74644	3552.5852	70.916	455.67	707.37	2
24904	C75H152	2-methyltetra-heptacontane	66577-73-9	7.42434	3067.8934	16.000	461.54	707.13	2
24905	C75H152S	1-pentahepta-contanethiol	66577-74-0	6.79042	3076.3036	69.964	461.31	782.53	3
24906	C76H146	heptacontylbenzene	66577-75-1	6.66614	2747.4041	18.000	466.88	770.51	3
24907	C76H152	heptacontyl-cyclohexane	66577-76-2	6.93076	3083.7911	70.448	449.52	752.13	3
24908	C76H152	1-hexaheptacontene	66577-77-3	6.97637	2879.1366	18.000	463.75	740.76	3
24909	C76H154	n-hexaheptacontane	7667-87-0	7.37879	2750.8710	-50.400	481.65	705.85	2
24910	C76H154	2-methylpenta-heptacontane	66577-78-4	7.41737	3071.1523	15.000	463.57	710.09	2
24911	C76H154S	1-hexahepta-contanethiol	66577-79-5	6.78694	3081.5587	69.310	463.19	785.47	3
24912	C77H148	henheptacontyl-benzene	66577-80-8	6.66017	2749.6665	17.000	468.79	773.51	3
24913	C77H154	henheptacontyl-cyclohexane	66577-81-9	6.92671	3089.0835	69.783	451.43	755.10	3
24914	C77H154	1-heptaheptacontene	66577-82-0	6.97080	2882.3245	17.000	465.74	743.72	3
24915	C77H156	n-heptaheptacontane	7719-94-0	7.38198	2757.4642	-52.100	484.17	708.62	2
24916	C77H156	2-methylhexa-heptacontane	66575-56-2	7.41077	3074.5288	14.000	465.59	713.02	2
24917	C77H156S	1-heptahepta-contanethiol	66575-57-3	6.78355	3086.8003	68.661	465.06	788.38	3
24918	C78H150	doheptacontylbenzene	66327-30-8	6.63842	2744.0676	17.000	469.67	776.87	3
24919	C78H156	doheptacontyl-cyclohexane	66327-31-9	6.92328	3094.7225	69.116	453.35	758.03	3
24920	C78H156	1-octaheptacontene	66327-32-0	6.96472	2885.0203	16.000	467.68	746.65	3
24921	C78H158	n-octaheptacontane	7719-85-9	7.36783	2753.7651	-53.700	486.15	711.55	2
24922	C78H158	2-methylhepta-heptacontane	66327-33-1	7.40381	3077.5305	13.000	467.58	715.93	2
24923	C78H158S	1-octaheptacontanethiol	66375-13-1	6.77991	3091.7747	68.024	466.89	791.26	3
24924	C79H152	triheptacontylbenzene	66327-34-2	6.63249	2746.1055	16.000	471.55	779.82	3
24925	C79H158	triheptacontyl-cyclohexane	66327-36-4	6.91906	3099.7194	68.467	455.22	760.95	3
24926	C79H158	1-nonaheptacontene	66327-35-3	6.95851	2887.5143	15.000	469.60	749.57	3
24927	C79H160	n-nonaheptacontane	7719-86-0	7.37112	2760.6457	-55.300	488.61	714.28	2
24928	C79H160	2-methylocta-heptacontane	66327-37-5	7.37384	3069.1904	13.000	468.53	719.16	2
24929	C79H160S	1-nonahepta-contanethiol	66327-38-6	6.77648	3096.8239	67.389	468.72	794.12	3
24930	C80H154	tetraheptacontyl-benzene	66327-39-7	6.62609	2747.6873	15.000	473.38	782.76	3
24931	C80H160	tetraheptacontyl-cyclohexane	66327-41-1	6.91517	3104.8707	67.821	457.08	763.84	3
24932	C80H160	1-octacontene	66327-40-0	6.95218	2889.8027	14.000	471.50	752.46	3
24933	C80H162	n-octacontane	7667-88-1	7.35776	2757.1734	-56.900	490.57	717.16	2
24934	C80H162	2-methylnona-heptacontane	66327-42-2	7.36649	3071.6142	12.000	470.47	722.02	2
24935	C80H162S	1-octacontanethiol	66327-43-3	6.77253	3101.4237	66.770	470.50	796.97	3
24936	C81H156	pentaheptacontyl-benzene	66327-44-4	6.61976	2749.2074	14.000	475.20	785.67	3
24937	C81H162	pentaheptacontyl-cyclohexane	66327-46-6	6.91124	3109.9056	67.181	458.92	766.71	3
24938	C81H162	1-henooctacontene	66327-45-5	6.92774	2883.1352	14.000	472.38	755.68	3
24939	C81H164	n-henooctacontane	7667-89-2	7.34506	2753.9787	-58.500	492.54	720.00	2
24940	C81H164	2-methyloctacontane	66327-47-7	7.36144	3075.4843	11.000	472.46	724.83	2
24941	C81H164S	1-henooctacontanethiol	66327-48-8	6.75424	3095.4697	66.411	471.53	800.09	3
24942	C82H158	hexaheptacontyl-benzene	66327-49-9	6.61312	2750.3945	13.000	476.99	788.57	3
24943	C82H164	hexaheptacontyl-cyclohexane	66327-09-1	6.89025	3102.7772	66.827	459.94	769.86	3
24944	C82H164	1-dooctacontene	66327-50-2	6.92286	2886.1893	13.000	474.30	758.50	3
24945	C82H166	n-dooctacontane	7719-95-1	7.33192	2750.8326	-60.000	494.44	722.84	2
24946	C82H166	2-methylhenooctacontane	66327-10-4	7.34967	3074.6213	10.000	474.22	727.70	2
24947	C82H166S	1-dooctacontanethiol	66327-11-5	6.74925	3099.1284	65.824	473.23	802.91	3
24948	C83H160	heptaheptacontyl-benzene	66327-12-6	6.59313	2745.3298	13.000	477.84	791.78	3
24949	C83H166	heptaheptacontyl-cyclohexane	66327-13-7	6.88776	3108.6439	66.177	461.81	772.66	3
24950	C83H166	1-trioctacontene	66327-14-8	6.91457	2886.7083	12.000	476.07	761.35	3
24951	C83H168	n-trioctacontane	7667-90-5	7.31942	2747.9515	-61.500	496.34	725.64	2
24952	C83H168	2-methyldooctacontane	66327-15-9	7.32209	3067.1524	10.000	475.15	730.81	2
24953	C83H168S	1-trioctacontanethiol	66327-16-0	6.74442	3102.8211	65.240	474.91	805.71	3
24954	C84H162	octaheptacontyl-benzene	66327-17-1	6.58332	2743.9335	12.000	479.45	794.69	3
24955	C84H168	octaheptacontyl-cyclohexane	66327-18-2	6.88147	3111.7395	65.597	463.48	775.50	3
24956	C84H168	1-tetraoctacontene	66327-19-3	6.90696	2887.5906	11.000	477.85	764.17	3
24957	C84H170	n-tetraoctacontane	7667-91-6	7.30737	2745.2243	-63.000	498.24	728.42	2
24958	C84H170	2-methyltrioctacontane	66327-20-6	7.31210	3067.2088	9.000	476.93	733.62	2
24959	C84H170S	1-tetraoctacontanethiol	66327-21-7	6.74020	3106.8896	64.651	476.60	808.48	3
24960	C85H164	nonaheptacontyl-benzene	66327-22-8	6.57774	2745.5729	11.000	481.24	797.50	3

Table 1 Vapor Pressure – Organic Compounds

$\log_{10} P = A - B/(T + C)$ (P - mm Hg, T - C)									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
24961	C85H170	nonaheptacontyl-cyclohexane	66327-23-9	6.87957	3117.8760	64.950	465.34	778.24	3
24962	C85H170	1-pentaoctacontene	66327-24-0	6.88253	2880.2783	11.000	478.63	767.31	3
24963	C85H172	n-pentaoctacontane	7719-96-2	7.29486	2742.5345	-64.400	500.08	731.19	2
24964	C85H172	2-methyltetraoctacontane	66327-25-1	7.30290	3067.6893	8.000	478.71	736.39	2
24965	C85H172S	1-pentaoctacontanethiol	66327-26-2	6.72125	3100.0326	64.334	477.51	811.53	3
24966	C86H166	octacontylbenzene	66327-27-3	6.57254	2747.3901	10.000	483.02	800.27	3
24967	C86H172	octacontyl-cyclohexane	66327-29-5	6.85773	3109.6821	64.642	466.23	781.33	3
24968	C86H172	1-hexaoctacontene	66327-28-4	6.87628	2881.8953	10.000	480.43	770.06	3
24969	C86H174	n-hexaoctacontane	7667-92-7	7.28294	2740.0903	-65.800	501.92	733.94	2
24970	C86H174	2-methylpentaoctacontane	66326-88-3	7.29447	3068.5862	7.000	480.50	739.14	2
24971	C86H174S	1-hexaoctacontanethiol	66326-89-4	6.71781	3104.5088	63.744	479.21	814.24	3
24972	C87H168	henoctacontylbenzene	66326-90-7	6.54984	2739.7408	10.000	483.66	803.46	3
24973	C87H174	henoctacontyl-cyclohexane	66326-91-8	6.85324	3113.7971	64.051	467.93	784.07	3
24974	C87H174	1-heptaoctacontene	66326-92-9	6.87045	2883.7150	9.000	482.23	772.79	3
24975	C87H176	n-heptaoctacontane	7667-93-8	7.27158	2737.8836	-67.200	503.75	736.65	2
24976	C87H176	2-methylhexaoctacontane	66326-93-0	7.26577	3059.6200	7.000	481.31	742.19	2
24977	C87H176S	1-heptaoctacontanethiol	66326-94-1	6.71495	3109.3473	63.148	480.92	816.91	3
24978	C88H170	dooctacontylbenzene	66326-95-2	6.54215	2739.4847	9.000	485.30	806.25	3
24979	C88H176	dooctacontyl-cyclohexane	66326-96-3	6.84914	3118.1119	63.459	469.63	786.79	3
24980	C88H176	1-octaoctacontene	66326-97-4	6.86128	2883.0196	8.000	483.88	775.55	3
24981	C88H178	n-octaoctacontane	7667-94-9	7.26010	2735.7045	-68.550	505.56	739.35	2
24982	C88H178	2-methylheptaoctacontane	66326-98-5	7.25893	3061.3606	6.000	483.12	744.87	2
24983	C88H178S	1-octaoctacontanethiol	66326-99-6	6.71242	3114.3715	62.552	482.64	819.56	3
24984	C89H172	trioctacontylbenzene	66327-00-2	6.53499	2739.5259	8.000	486.95	809.00	3
24985	C89H178	trioctacontyl-cyclohexane	66327-02-4	6.84592	3122.9913	62.858	471.36	789.47	3
24986	C89H178	1-nonaoctacontene	66327-01-3	6.83578	2874.3144	8.000	484.53	778.64	3
24987	C89H180	n-nonaoctacontane	7719-76-8	7.24916	2733.7511	-69.900	507.36	742.03	2
24988	C89H180	2-methyloctaoctacontane	66327-03-5	7.24795	3060.0903	5.000	484.78	747.58	2
24989	C89H180S	1-nonaoctacontanethiol	66327-04-6	6.69191	3105.9535	62.293	483.39	822.58	3
24990	C90H174	tetraoctacontyl-benzene	66327-05-7	6.51412	2732.8134	8.000	487.60	812.11	3
24991	C90H182	n-nonacontane	7667-51-8	7.23893	2731.9162	-71.300	509.18	744.67	2
24992	C91H184	n-hennonacontane	7719-97-3	7.22767	2730.1967	-72.500	510.90	747.32	2
24993	C92H186	n-dononacontane	7667-95-0	7.21759	2728.6849	-73.800	512.67	749.93	2
24994	C93H188	n-trinonacontane	7667-96-1	7.20784	2727.2760	-75.100	514.43	752.52	2
24995	C94H190	n-tetranonacontane	1574-32-9	7.18198	2716.0271	-76.300	515.65	755.28	2
24996	C95H192	n-pentanonacontane	7667-97-2	7.17241	2714.9483	-77.500	517.35	757.84	2
24997	C96H194	n-hexanonacontane	7763-13-5	7.16313	2713.9586	-78.700	519.05	760.38	2
24998	C97H196	n-heptanonacontane	7670-25-9	7.13819	2703.3585	-79.800	520.22	763.10	2
24999	C98H198	n-octanonacontane	7670-26-0	7.12905	2702.6764	-80.900	521.86	765.61	2
25000	C99H200	n-nonanonacontane	7670-27-1	7.10574	2692.4473	-82.100	523.07	768.27	2
25001	C100H202	n-hectane	6703-98-6	7.09671	2692.0591	-83.100	524.66	770.75	2
Code: 1 - data, 2 - estimate, 3 - rough estimate.									
P - vapor pressure, mmHg.									
A, B, and C - Antoine coefficients for chemical compound.									
T - temperature, °C.									
TMIN - minimum temperature, °C.									
TMAX - maximum temperature, °C.									

Vapor Pressure – Inorganic Compounds

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TABULATION RESULTS

The tabulation is arranged by alphabetical order (Ac, Al, Am,) to provide ease of use in quickly locating the data by using the chemical formula. The compound name, chemical abstracts registry number (CAS No), and Antoine coefficients are provided in the adjacent columns. The range of application is denoted by minimum and maximum temperatures (TMIN and TMAX). Temperatures outside the range of application should not be used. The next column provides the code for the tabulation, which is based on both experimental data and estimated values.

In preparing the tabulation, a literature search was conducted to identify data source publications (53–115). Both experimental values for the property under consideration and parameter values for estimation of the property are included in the source publications. The publications were screened and copies of appropriate data were made. These data were then keyed into the computer to provide a database of values for compounds for which experimental data are available. The database also served as a basis to check the accuracy of the estimation methods. Upon completion of data collection, estimation of values for the remaining compounds was performed.

The estimates are primarily based on literature methods and empirical procedures developed by the author. If initial analysis using the estimates is favorable, follow-up experimental determination is recommended. This is especially true for highly polar and high molecular weight compounds.

A code of 1 in the tabulation is based on experimental data. A code of 2 indicates an estimate. The estimates with a code of 3 should be considered rough approximations. The estimates with a code of 2 are more accurate. For those substances which undergo decomposition (such as nitro compounds with explosive decomposition and very large compounds with thermal decomposition) prior to attaining the boiling point temperature, the boiling point temperature is a hypothetical value.

A comparison of calculated and data values is shown in Figure 2 for a representative compound. The graph discloses favorable agreement of equation and data.

EXAMPLE

Calculate the vapor pressure of oxygen (O₂) at –178.24°C.

Substitution of the Antoine coefficients from the table and temperature into the equation for vapor pressure yields:

$$\log_{10} P = 6.83706 - 339.2095/(-178.24 + 268.70) = 3.08738$$

$$P = 10^{3.08738} = 1222.87 \text{ mmHg}$$

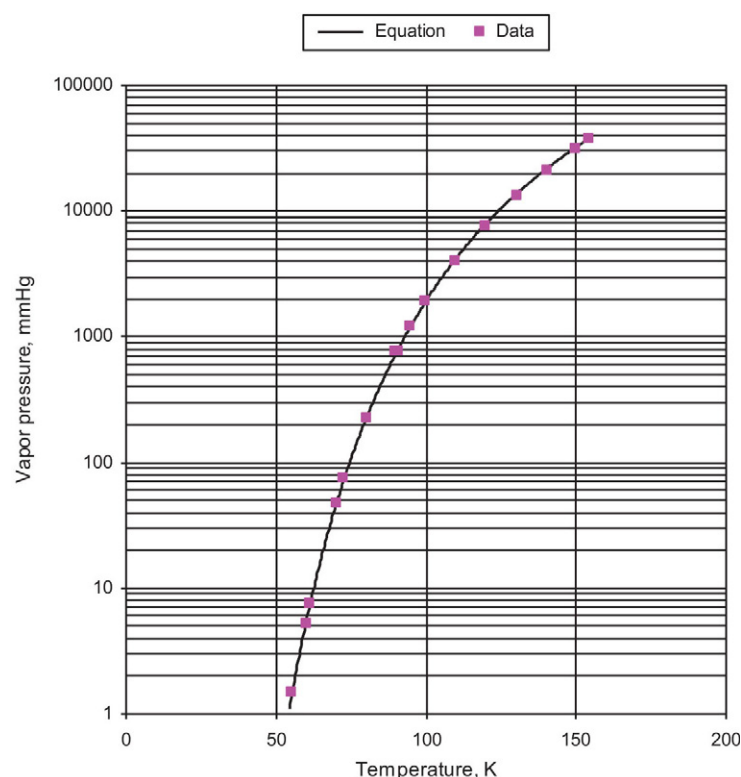


FIGURE 2 Vapor Pressure of Oxygen

Table 2 Vapor Pressure – Inorganic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mmHg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
1	Ac	actinium	7440-34-8	8.85429	20734.8351	273.15	1599.85	3198.00	2
2	Ag	silver	7440-22-4	8.10019	12288.3589	191.93	1009.85	2180.00	1,2
3	AgBr	silver bromide	7785-23-1	6.21353	5179.6010	52.17	569.00	1502.00	1,2
4	AgCl	silver chloride	7783-90-6	8.61748	10917.5071	356.11	912.00	1547.00	1,2
5	AgI	silver iodide	7783-96-2	6.93625	6695.6629	145.03	820.00	1506.00	1,2
6	Al	aluminum	7429-90-5	8.24073	14524.8870	192.25	1209.00	2517.66	1,2
7	AlB3H12	aluminum borohydride	16962-07-5	7.55341	1419.8359	259.36	-52.20	44.50	1,2
8	AlBr3	aluminum bromide	7727-15-3	6.73909	1552.6852	147.43	81.30	255.00	1,2
9	AlCl3	aluminum chloride	7446-70-0	15.75427	5649.0504	258.81	100.00	180.00	1,2
10	AlF3	aluminum fluoride	7784-18-1	12.51245	14983.2501	279.63	744.00	1276.00	1,2
11	AlI3	aluminum iodide	7784-23-8	6.93225	2000.0426	111.66	178.00	382.00	1,2
12	Al2O3	aluminum oxide	1344-28-1	10.96973	25616.3739	186.85	2147.95	2980.00	1,2
13	Al2S3O12	aluminum sulfate	10043-01-3	-0.14253	651.9161	-975.34	572.00	770.05	1,2
14	Am	americium	7440-35-9	9.46480	14359.6923	273.15	965.85	1082.85	1,2
15	Ar	argon	7440-37-1	6.84064	340.2707	271.80	-189.37	-122.29	1,2
16	As	arsenic	7440-38-3	10.60233	6313.8843	216.09	280.00	601.00	1,2
17	AsBr3	arsenic bromide	7784-33-0	7.22542	1953.4063	228.62	41.80	221.00	1,2
18	AsCl3	arsenic trichloride	7784-34-1	7.44841	1670.0897	235.64	-11.40	130.00	1,2
19	AsF3	arsenic trifluoride	7784-35-2	7.30253	1189.5299	211.22	-2.50	57.80	1,2
20	AsF5	arsenic pentafluoride	7784-36-3	5.74019	366.9598	181.14	-117.90	-52.80	1,2
21	AsH3	arsine	7784-42-1	6.88872	790.0472	259.60	-116.92	99.85	1,2
22	AsI3	arsenic triiodide	7784-45-4	7.30188	2551.7378	209.53	164.00	329.50	1,2
23	As2O3	arsenic trioxide	1327-53-3	4.99289	1001.4246	6.99	133.70	467.15	1,2
24	At	astatine	7440-68-8	9.64649	3910.8049	244.23	88.00	259.00	1,2
25	Au	gold	7440-57-5	8.16676	16053.2805	180.98	952.85	2856.00	1,2
26	B	boron	7440-42-8	9.44507	26209.9893	190.34	2075.00	3799.00	1,2
27	BBr3	boron tribromide	10294-33-4	6.58372	1114.5997	210.01	-45.00	91.00	1,2
28	BCl3	boron trichloride	10294-34-5	6.82139	972.2015	234.22	-107.00	178.80	1,2
29	BF3	boron trifluoride	7637-07-2	7.29112	618.3678	240.01	-128.37	-12.25	1,2
30	BH2CO	borane carbonyl	---	7.47035	893.9306	258.95	-139.20	-64.00	2
31	BI3	boron triiodide	13517-10-7	6.93670	1698.2347	210.58	43.00	200.00	1,2
32	B2D6	diborane, deuterio	20396-66-1	6.30635	512.0855	241.99	-154.90	-92.50	1,2
33	B2F4	diborane, tetrafluoro	13965-73-6	7.59073	1126.3767	273.15	-40.00	-14.00	1,2
34	B2H5Br	diborane hydrobromide	---	7.79587	1454.1004	279.55	-93.30	16.30	1,2
35	B2H6	diborane	19287-45-7	6.83515	654.3293	257.97	-165.50	16.65	1,2
36	B3H6N3	borazine	6569-51-3	7.19573	1254.5863	237.76	-63.00	53.00	1,2
37	B4H10	tetraborane	18283-93-7	7.23266	1190.0772	255.46	-90.90	18.00	1,2
38	B5H9	pentaborane	19624-22-7	6.46328	948.6930	204.82	-40.40	295.30	1,2
39	B5H11	pentaborane	18433-84-6	9.78620	2656.8429	321.75	-50.20	63.00	1,2
40	B10H14	decaborane	17702-41-9	4.60815	512.9508	48.92	60.00	163.80	1,2
41	Ba	barium	7440-39-3	6.47688	7779.9111	266.45	638.00	1897.00	1,2
42	BaF2	barium fluoride	7787-32-8	8.20759	12116.9768	20.38	1368.00	2250.00	1,2
43	BaO	barium oxide	1304-28-5	12.51502	21900.0000	273.15	1950.00	2000.00	1,2
44	Be	beryllium	7440-41-7	8.08396	13696.6102	148.52	823.85	2483.85	1,2
45	BeB2H8	beryllium borohydride	17440-85-6	15.84584	6333.8132	398.57	1.00	90.00	1,2
46	BeBr2	beryllium bromide	7787-46-4	11.58765	6557.5715	274.67	289.00	474.00	1,2
47	BeCl2	beryllium chloride	7787-47-5	11.21338	6220.1613	264.49	291.00	482.00	1,2
48	BeF2	beryllium fluoride	7787-49-7	9.03258	7534.4285	55.76	686.00	1169.00	1,2
49	BeI2	beryllium iodide	7787-53-3	10.16571	5302.6269	240.89	283.00	487.00	1,2
50	Bi	bismuth	7440-69-9	7.90580	9022.0737	231.44	668.00	1564.00	1,2
51	BiBr3	bismuth tribromide	7787-58-8	8.73564	4109.4999	248.90	261.00	453.00	1,2
52	BiCl3	bismuth trichloride	7787-60-2	7.31869	2847.8317	194.71	230.50	447.00	1,2
53	BrFO3	perbromyl fluoride	25251-03-0	7.43651	1195.8000	260.10	-75.15	28.85	1,2
54	BrF3	bromine trifluoride	7787-71-5	7.72974	1673.9500	219.48	25.85	157.85	1,2
55	BrF5	bromine pentafluoride	7789-30-2	7.85138	1488.6143	258.99	-69.30	40.50	1,2
56	Br2	bromine	7726-95-6	7.27906	1321.8955	241.80	-7.30	311.00	1,2
57	C	graphite	7782-42-5	13.52595	41703.0146	280.60	2565.85	3634.85	1,2
58	CCl2O	carbonyl chloride	75-44-5	7.14063	1063.6278	242.13	-127.78	181.85	1,2
59	CF2O	carbonyl fluoride	353-50-4	7.41143	765.5881	252.08	-111.26	23.85	1,2
60	CH4N2O	urea	57-13-6	10.45495	4591.7946	273.76	67.50	94.90	1,2
61	CH4N2S	thiourea	62-56-6	7.57639	2173.4632	198.99	181.00	580.85	2
62	CNBr	cyanogen bromide	506-68-3	6.36918	722.7494	142.72	-0.14	39.94	1,2
63	CNCl	cyanogen chloride	506-77-4	7.55525	1251.9891	254.99	-6.50	175.85	1,2
64	CNF	cyanogen fluoride	1495-50-7	6.75643	689.9197	224.02	-76.40	-46.00	1,2
65	CO	carbon monoxide	630-08-0	6.72527	295.2279	268.24	-205.00	-140.23	1,2
66	COS	carbonyl sulfide	463-58-1	7.00667	833.0673	252.06	-138.80	105.65	1,2
67	COSe	carbon oxyselelide	1603-84-5	7.17236	1024.3828	260.38	-120.00	-22.00	1,2
68	CO2	carbon dioxide	124-38-9	7.58828	861.8205	271.88	-56.57	31.04	1,2
69	CS2	carbon disulfide	75-15-0	7.21790	1303.7883	254.39	-111.57	278.85	1,2
70	C2N2	cyanogen	460-19-5	7.04339	770.7952	206.27	-95.80	-21.10	1,2
71	C3S2	carbon subsulfide	627-34-9	7.51838	1986.8195	250.50	14.00	130.80	2
72	Ca	calcium	7440-70-2	7.10583	6959.2899	162.92	591.00	1482.00	1,2
73	CaCl2	calcium chloride	10043-52-4	9.22000	13570.0000	273.15	836.85	1007.85	1,2
74	CaF2	calcium fluoride	7789-75-5	7.47685	10678.0076	-210.04	1417.85	2533.35	1,2
75	Cd	cadmium	7440-43-9	7.66023	4757.6158	228.44	119.85	767.00	1,2
76	CdBr2	cadmium bromide	7789-42-6	10.71437	9463.5051	364.07	373.00	844.00	1,2
77	CdCl2	cadmium chloride	10108-64-2	9.79511	9774.8935	453.72	618.00	960.00	1,2
78	CdF2	cadmium fluoride	7790-79-6	8.15105	9504.5987	55.45	1112.00	1748.00	1,2
79	CdI2	cadmium iodide	7790-80-9	7.72916	4256.7258	135.98	296.00	742.00	1,2
80	CdO	cadmium oxide	1306-19-0	9.13973	11107.3677	215.65	1000.00	1559.00	1,2

Table 2 Vapor Pressure – Inorganic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mmHg}, T - C)$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
81	CdS	cadmium sulfide	1306-23-6	10.87780	10021.4278	273.15	930.00	980.00	1,2
82	Ce	cerium	7440-45-1	8.54474	20813.1074	231.68	1719.00	3443.00	1,2
83	CeBr3	cerium bromide	14457-87-5	11.23239	14449.4770	273.15	1407.00	1457.00	1,2
84	CeCl3	cerium chloride	7790-86-5	10.38288	15005.2628	273.15	1677.00	1727.00	1,2
85	ClF	chlorine monofluoride	7790-89-8	6.90617	644.1798	249.77	-158.15	26.85	1,2
86	ClFO2	chloryl fluoride	13637-83-7	6.67696	809.7800	218.96	-82.15	21.85	1,2
87	ClFO3	perchloryl fluoride	7616-94-6	7.08309	854.6155	250.03	-147.74	95.25	1,2
88	ClF3	chlorine trifluoride	7790-91-2	7.34481	1086.4081	231.62	-73.70	11.75	1,2
89	ClF5	chlorine pentafluoride	13637-63-3	6.87794	896.9883	237.51	-79.20	24.80	1,2
90	CINO2	nitryl chloride	13444-90-1	5.37230	395.4000	174.00	-87.15	-21.15	1,2
91	ClO2	chlorine dioxide	10049-04-4	7.29962	1033.2300	222.93	-59.60	191.85	1,2
92	Cl2	chlorine	7782-50-5	7.06306	906.7031	250.83	-101.03	144.00	1,2
93	Cl2O	chlorine monoxide	7791-21-1	7.70028	1296.5974	266.83	-98.50	2.20	1,2
94	Cl2O4	chlorine perchlorate	27218-16-2	7.53867	1404.1800	257.00	-44.15	74.85	1,2
95	Cl2O6	chlorine hexoxide	12442-63-6	5.83238	1400.9600	273.15	151.50	201.50	1,2
96	Cl2O7	chlorine heptoxide	10294-48-1	7.59797	1583.6401	253.72	-45.30	82.00	1,2
97	Co	cobalt	7440-48-4	8.85240	18477.2528	166.22	1517.00	2925.00	1,2
98	CoCl2	cobalt chloride	7646-79-9	7.04947	4946.1939	137.52	770.00	1049.00	1,2
99	CoNC3O4	cobalt nitrosyl tetracarbonyl	14096-82-3	3.05780	9.5159	6.92	-1.30	80.00	1,2
100	Cr	chromium	7440-47-3	8.48706	15307.9218	59.51	1383.00	2671.00	1,2
101	CrC6O6	chromium carbonyl	13007-92-6	10.71935	3410.1719	280.20	36.00	151.00	1,2
102	CrCl2	chromium chloride	10049-05-5	12.16568	12935.2174	273.15	1070.00	1120.00	1,2
103	CrCl3	chromium chloride	10025-73-7	10.96666	12720.2532	273.15	1250.00	1300.00	1,2
104	CrO2Cl2	chromium oxychloride	14977-61-8	6.76400	1231.6008	200.16	-18.40	117.00	1,2
105	CrO3	chromium oxide	1333-82-0	20.14000	10300.0000	273.15	174.85	194.85	1,2
106	Cs	cesium	7440-46-2	6.67520	3515.7582	255.57	21.85	671.00	1,2
107	CsBr	cesium bromide	7787-69-1	7.70150	7132.1044	179.48	748.00	1300.00	1,2
108	CsCl	cesium chloride	7647-17-8	7.74073	7233.7811	191.46	744.00	1297.00	1,2
109	CsF	cesium fluoride	13400-13-0	7.54319	6579.0903	160.10	712.00	1251.00	1,2
110	CsI	cesium iodide	7789-17-5	7.64311	6849.9814	158.38	738.00	1280.00	1,2
111	Cu	copper	7440-50-8	8.30991	15006.7869	202.14	1216.00	2562.00	1,2
112	CuBr	cuprous bromide	7787-70-4	5.01163	2858.6991	-3.41	572.00	1345.00	1,2
113	CuCl	cuprous chloride	7758-89-6	4.45573	2327.4421	-12.18	429.85	1490.00	1,2
114	CuCl2	cupric chloride	7447-39-4	-4.76869	3645.4156	-999.92	309.70	521.00	1,2
115	CuI	copper iodide	7681-65-4	4.81291	2646.3848	33.70	610.00	1336.00	1,2
116	DBr	deuterium bromide	13536-59-9	6.16238	505.6800	220.60	-88.15	-51.15	1,2
117	DCN	deuterium cyanide	3017-23-0	6.25464	689.1316	178.31	-68.90	26.20	2
118	DCI	deuterium chloride	7698-05-7	6.93596	668.2000	249.50	-115.15	-62.15	1,2
119	DF	deuterium fluoride	14333-26-7	7.21704	1268.3700	273.87	-84.15	49.85	1,2
120	DI	deuterium iodide	14104-45-1	5.60474	414.6800	187.87	-55.15	-7.15	1,2
121	D2	deuterium	7782-39-0	6.31539	92.2133	276.35	-254.42	-234.80	1,2
122	D2O	deuterium oxide	7789-20-0	8.06347	1708.9717	228.35	3.82	370.74	1,2
123	Dy	dysprosium	7429-91-6	6.67690	9758.5876	3.70	1105.00	2567.00	1,2
124	Er	erbium	7440-52-0	7.07492	12618.2924	140.57	1231.00	2868.00	1,2
125	Eu	europium	7440-53-1	6.80515	6548.9117	143.35	590.00	1523.00	1,2
126	FHO3S	fluorosulfonic acid	7789-21-1	7.39950	1521.0000	174.00	64.85	192.85	1,2
127	FNO	nitrosyl fluoride	7789-25-5	7.88277	986.5042	257.12	-132.00	-59.90	1,2
128	FNO2	nitryl fluoride	10022-50-1	6.94723	685.0522	240.87	-156.00	-72.40	1,2
129	FNO3	fluorine nitrate	7789-26-6	6.53787	721.4837	243.29	-160.00	-46.00	1,2
130	F2	fluorine	7782-41-4	6.89461	320.1001	267.95	-219.67	-128.84	1,2
131	F2O	fluorine oxide	7783-41-7	7.29316	580.8480	276.45	-198.15	-63.15	1,2
132	F2O2	difluorine dioxide	7783-44-0	6.77902	756.3900	250.16	-125.15	-80.15	1,2
133	Fe	iron	7439-89-6	8.37930	16213.5121	88.52	1435.00	2860.20	1,2
134	FeC5O5	iron pentacarbonyl	13463-40-6	9.24491	2718.2717	324.13	-6.50	103.00	1,2
135	FeCl2	ferrous chloride	7758-94-3	7.23943	4667.3502	46.98	700.00	1023.85	1,2
136	FeCl3	ferric chloride	7705-08-0	28.93093	32484.7863	928.01	108.00	319.00	1,2
137	FeI2	iron iodide	7783-86-0	7.09897	4398.3915	107.58	587.00	926.85	1,2
138	Fr	francium	7440-73-5	6.28464	3099.3568	237.55	121.00	673.00	2
139	Ga	gallium	7440-55-3	8.24091	13438.1916	259.39	1037.00	2245.00	1,2
140	GaBr3	gallium bromide	13450-88-9	7.64043	2477.2199	205.34	121.50	226.85	1,2
141	GaCl3	gallium trichloride	13450-90-3	7.54055	2005.3675	229.36	77.75	420.85	1,2
142	Gd	gadolinium	7440-54-2	8.09461	18125.4084	210.60	1563.00	3262.00	1,2
143	Ge	germanium	7440-56-4	8.39437	16953.3407	240.64	1371.00	2833.00	1,2
144	GeBr4	germanium bromide	13450-92-5	6.92749	1650.1032	221.42	43.30	186.35	1,2
145	GeCl4	germanium chloride	10038-98-9	6.27456	971.2957	199.65	-45.00	86.55	1,2
146	GeHCl3	germane trichloro	1184-65-2	7.29569	1304.6359	220.21	-41.30	75.30	1,2
147	GeH4	germane	7782-65-2	7.08333	732.4097	262.43	-165.89	34.85	1,2
148	GeS	germanium sulfide	12025-32-0	6.81801	6765.5528	214.38	615.00	726.85	1,2
149	Ge2H6	digermane	13818-89-8	6.98641	1189.4193	258.91	-88.70	30.80	1,2
150	Ge3H8	trigermane	14691-44-2	7.19898	1588.2499	257.31	-36.90	110.50	1,2
151	HBr	hydrogen bromide	10035-10-6	6.93857	704.4329	240.30	-88.00	90.00	1,2
152	HCN	hydrogen cyanide	74-90-8	8.08422	1655.8693	292.23	-13.32	183.50	1,2
153	HCl	hydrogen chloride	7647-01-0	7.25303	764.8366	259.93	-114.18	51.50	1,2
154	HClO3S	chlorosulfonic acid	7790-94-5	7.47025	1749.2078	227.29	-80.00	426.85	1,2
155	HClO4	perchloric acid	7601-90-3	6.71471	1348.2463	239.81	-101.20	357.85	1,2
156	HF	hydrogen fluoride	7664-39-3	8.12392	1680.6466	301.02	-83.36	188.00	1,2
157	HI	hydrogen iodide	10034-85-2	6.99067	881.4677	250.08	-50.77	150.70	1,2
158	HNO3	nitric acid	7697-37-2	7.56453	1431.7460	222.69	-41.60	102.95	1,2
159	HN3	hydrazoic acid	7782-79-8	6.65340	979.1881	223.46	-79.00	35.70	1,2
160	HPO2F2	difluorophosphoric acid	13779-41-4	6.73530	1342.9000	232.00	4.85	151.85	1,2

Table 2 Vapor Pressure – Inorganic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mmHg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
161	H2	hydrogen	1333-74-0	6.14858	80.9480	277.53	-259.20	-239.97	1,2
162	H2O	water	7732-18-5	8.05573	1723.6425	233.08	0.01	373.98	1,2
163	H2O2	hydrogen peroxide	7722-84-1	8.07489	1958.1824	226.80	-0.41	457.00	1,2
164	H2S	hydrogen sulfide	7783-06-4	7.11958	802.2266	249.61	-85.47	100.38	1,2
165	H2SO4	sulfuric acid	7664-93-9	8.28538	2976.8370	213.95	25.00	336.85	1,2
166	H2S2	hydrogen disulfide	13465-07-1	7.02654	1242.2189	228.94	-40.00	70.70	1,2
167	H2S3	dihydrogen trisulfide	13845-23-3	6.80710	1488.0000	209.00	54.85	200.85	1,2
168	H2S4	dihydrogen tetrasulfide	13845-25-5	6.94510	1772.0000	196.00	110.85	273.85	1,2
169	H2S5	dihydrogen pentasulfide	13845-24-4	7.32010	2104.0000	189.00	152.85	318.85	1,2
170	H2Se	hydrogen selenide	7783-07-5	6.46297	587.4538	205.99	-115.30	-42.00	1,2
171	H2Te	hydrogen telluride	7783-09-7	5.90921	586.0450	195.52	-96.40	-2.00	1,2
172	H3NO	hydroxylamine	7803-49-8	11.71366	3155.6880	247.42	33.10	109.85	1,2
173	H3SNO3	sulfamic acid	5329-14-6	0.11312	684.4925	273.15	20.00	100.00	2
174	He	helium-3	14762-55-1	4.82950	8.5576	274.36	-272.15	-269.83	1,2
175	He	helium-4	7440-59-7	5.27120	13.5171	274.58	-271.39	-267.95	1,2
176	Hf	hafnium	7440-58-6	9.06491	30232.9115	285.82	2416.00	4603.00	1,2
177	HfCl4	hafnium chloride	13499-05-3	11.71000	5197.0000	273.15	202.85	310.00	1,2
178	HfI3	hafnium iodide	13779-73-2	19.56000	10700.0000	273.15	301.85	323.85	1,2
179	Hg	mercury	7439-97-6	7.89458	3147.6142	271.10	-38.84	1461.85	1,2
180	HgBr2	mercuric bromide	7789-47-1	5.56804	974.6103	40.68	136.50	322.00	1,2
181	HgCl2	mercuric chloride	7487-94-7	12.19380	6369.7914	379.97	136.20	304.00	1,2
182	HgI2	mercuric iodide	7774-29-0	7.11921	2015.6871	121.58	157.50	354.00	1,2
183	Ho	holmium	7440-60-0	6.66154	10226.4211	4.88	1159.00	2700.00	1,2
184	ICl	iodine chloride	7790-99-0	7.69746	1515.4000	216.80	13.85	123.85	1,2
185	IF5	iodine pentafluoride	7783-66-6	7.24100	1387.0000	213.62	9.85	134.85	1,2
186	IF7	iodine heptafluoride	16921-96-3	8.58999	1562.5974	268.90	-87.00	4.80	1,2
187	I2	iodine	7553-56-2	7.10736	1556.9694	183.97	-31.15	546.00	1,2
188	In	indium	7440-74-6	7.98843	11856.7391	249.38	900.00	2072.00	1,2
189	InBr	indium bromide	14280-53-6	19.02460	15000.0000	273.15	626.00	656.00	1,2
190	InBr3	indium bromide	13465-09-3	5.89173	727.4250	-183.70	304.60	364.80	1,2
191	InCl	indium chloride	13465-10-6	8.03000	4640.0000	273.15	211.00	576.85	1,2
192	InCl3	indium chloride	10025-82-8	13.62000	8270.0000	273.15	226.85	426.85	1,2
193	Ir	iridium	7439-88-5	9.63425	30934.6262	190.68	2440.00	4386.00	1,2
194	IrF6	iridium fluoride	7783-75-7	8.56221	1717.5557	248.71	-88.00	53.60	1,2
195	K	potassium	7440-09-7	6.97431	4143.9271	254.47	63.20	1949.85	1,2
196	KBr	potassium bromide	7758-02-3	7.60549	7291.2713	163.23	795.00	1380.00	1,2
197	KCl	potassium chloride	7447-40-7	6.93314	5810.3508	17.98	770.85	3196.85	1,2
198	KF	potassium fluoride	7789-23-3	7.61993	7726.2515	128.32	885.00	1502.00	1,2
199	KI	potassium iodide	7681-11-0	6.57543	5053.2934	22.90	745.00	1344.85	1,2
200	KOH	potassium hydroxide	1310-58-3	7.08223	6300.4849	172.76	405.85	1326.85	1,2
201	Kr	krypton	7439-90-9	7.01408	511.6161	277.13	-157.37	-63.80	1,2
202	La	lanthanum	7439-91-0	8.57782	21096.9943	239.17	1650.00	3464.00	1,2
203	LaBr3	lanthanum bromide	13536-79-3	10.98826	15000.0000	273.15	1547.00	1577.00	1,2
204	LaCl3	lanthanum chloride	10099-58-8	14.66261	15000.0000	273.15	970.00	1000.00	1,2
205	Li	lithium	7439-93-2	7.80332	7953.8982	276.84	524.30	1337.10	1,2
206	LiBr	lithium bromide	7550-35-8	7.57994	6947.3452	168.43	748.00	1310.00	1,2
207	LiCl	lithium chloride	7447-41-8	7.53439	7299.6503	185.61	783.00	1383.00	1,2
208	LiF	lithium fluoride	7789-24-4	8.71722	11054.9564	221.14	1047.00	1673.00	1,2
209	LiI	lithium iodide	10377-51-2	8.49354	7459.8616	155.25	723.00	1173.85	1,2
210	Lu	lutetium	7439-94-3	7.83211	17422.3777	116.75	1600.00	3402.00	1,2
211	Mg	magnesium	7439-95-4	7.16078	5253.0612	137.71	428.00	1088.00	1,2
212	MgBr2	magnesium bromide	7789-48-2	7.38742	6095.1378	104.02	711.00	1226.85	1,2
213	MgCl2	magnesium chloride	7786-30-3	7.13801	6696.7751	161.05	778.00	1412.00	1,2
214	MgF2	magnesium fluoride	7783-40-6	7.87219	12036.3932	82.67	1262.85	2126.85	1,2
215	MgI2	magnesium iodide	10377-58-9	6.92855	4121.1468	109.39	634.00	876.85	1,2
216	MgO	magnesium oxide	1309-48-4	6.92276	13862.2156	-170.46	2831.85	5676.85	1,2
217	Mn	manganese	7439-96-5	7.50506	9853.7049	68.23	955.00	2060.00	1,2
218	MnCl2	manganese chloride	7773-01-5	7.03063	5467.6217	127.56	736.00	1190.00	1,2
219	MnF2	manganese fluoride	7782-64-1	16.16514	15000.0000	273.15	826.00	856.00	1,2
220	Mo	molybdenum	7439-98-7	8.64938	26943.1312	31.68	2400.00	4950.00	1,2
221	MoCl5	molybdenum chloride	10241-05-1	6.29946	1850.0000	273.15	218.00	268.00	1,2
222	MoF5	molybdenum fluoride	13819-84-6	8.49628	2709.7945	268.96	86.60	213.60	1,2
223	MoF6	molybdenum fluoride	7783-77-9	7.06989	1018.5440	209.14	-65.50	34.00	1,2
224	MoOF4	molybdenum oxytetrafluoride	14459-59-7	8.53528	2492.6355	254.83	-21.00	186.00	1,2
225	MoO3	molybdenum oxide	1313-27-5	6.05246	2898.1602	-233.00	801.00	1140.00	1,2
226	NO	nitrosyl chloride	2696-92-6	7.83560	1314.8605	270.75	-59.60	167.50	1,2
227	NOCl	nitrogen trichloride	10025-85-1	7.00316	1212.7111	223.18	-27.00	94.00	1,2
228	ND3	heavy ammonia	13550-49-7	6.83776	746.0100	221.53	-74.00	-33.00	1,2
229	NF3	nitrogen trifluoride	7783-54-2	7.01648	559.5184	264.35	-206.79	-39.30	1,2
230	NF3S	nitrogen fluoride sulfide	15930-75-3	6.88510	888.5000	245.00	-94.15	1.85	1,2
231	NH3	ammonia	7664-41-7	7.58743	1013.7815	248.83	-77.74	132.50	1,2
232	NH4Br	ammonium bromide	12124-97-9	9.74168	4588.8568	272.85	198.30	396.00	1,2
233	NH4Cl	ammonium chloride	12125-02-9	8.93371	3215.2979	192.35	280.00	520.00	1,2
234	NH4I	ammonium iodide	12027-06-4	10.40721	5286.5838	297.41	210.90	405.00	1,2
235	NH5O	ammonium hydroxide	1336-21-6	7.47687	1118.7172	245.15	-70.00	80.00	2
236	NH5S	ammonium hydrogensulfide	12124-99-1	8.96559	1598.3103	229.34	-51.10	33.30	2
237	NO	nitric oxide	10102-43-9	7.70299	473.0296	249.87	-163.65	-93.00	1,2
238	NO2	nitrogen dioxide	10102-44-0	9.74325	2289.6342	312.65	-11.20	158.20	1,2
239	N2	nitrogen	7727-37-9	6.72531	285.5727	270.09	-210.00	-147.05	1,2
240	N2F4	tetrafluorohydrazine	10036-47-2	7.41740	952.4783	284.15	-161.50	36.20	1,2

Table 2 Vapor Pressure – Inorganic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mmHg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
241	N2H4	hydrazine	302-01-2	7.82877	1698.5808	229.79	1.53	380.00	1,2
242	N2H4C	ammonium cyanide	12211-52-8	9.16524	1644.6341	230.00	-50.60	31.70	1,2
243	N2H6CO2	ammonium carbamate	1111-78-0	10.32341	2267.7036	245.93	-26.10	58.30	2
244	N2O	nitrous oxide	10024-97-2	6.81488	550.6045	228.44	-90.85	36.42	1,2
245	N2O3	nitrogen trioxide	10544-73-7	7.60164	1109.3200	232.98	-103.15	151.85	1,2
246	N2O4	nitrogen tetraoxide	10544-72-6	4.09407	97.8287	59.47	-11.25	47.50	1,2
247	N2O5	nitrogen pentoxide	10102-03-1	11.93250	2617.6543	256.19	-36.80	33.00	1,2
248	Na	sodium	7440-23-5	7.33576	5060.9675	254.35	280.60	926.85	1,2
249	NaBr	sodium bromide	7647-15-6	7.54103	7142.9394	142.08	746.85	1446.85	1,2
250	NaCN	sodium cyanide	143-33-9	7.38628	7836.8557	243.41	563.70	1496.00	1,2
251	NaCl	sodium chloride	7647-14-5	7.96318	8432.2350	194.07	800.75	1465.05	1,2
252	NaF	sodium fluoride	7681-49-4	8.61974	11408.3735	278.32	995.85	1786.85	1,2
253	NaI	sodium iodide	7681-82-5	7.89004	7361.9912	165.84	767.00	1303.85	1,2
254	NaOH	sodium hydroxide	1310-73-2	7.46511	7606.4353	280.16	500.00	1600.00	1,2
255	Na2SO4	sodium sulfate	7757-82-6	11.40104	15657.1880	273.15	1514.50	1564.50	2
256	Nb	niobium	7440-03-1	9.92532	35189.3422	251.22	2669.00	4740.00	1,2
257	NbBr5	niobium bromide	13478-45-0	9.33000	4085.0000	273.15	254.00	360.00	1,2
258	NbCl4	niobium chloride	13569-70-5	12.30000	6870.0000	273.15	303.85	377.85	1,2
259	NbCl5	niobium chloride	10026-12-7	8.37000	2870.0000	273.15	204.70	246.85	1,2
260	NbF5	niobium fluoride	7783-68-8	6.88947	1791.5982	217.93	86.30	229.00	1,2
261	Nd	neodymium	7440-00-8	6.95222	12884.3059	97.12	1322.30	3063.00	1,2
262	NdBr3	neodymium tribromide	13536-80-6	11.15371	15000.0000	273.15	1510.00	1540.00	1,2
263	NdCl3	neodymium trichloride	10024-93-8	10.88871	15000.0000	273.15	1570.00	1600.00	1,2
264	Ne	neon	7440-01-9	6.74431	115.3285	275.91	-248.59	-228.75	1,2
265	Ni	nickel	7440-02-0	8.74585	17882.3827	134.99	1510.00	2911.00	1,2
266	NiC4O4	nickel carbonyl	13463-39-3	7.64987	1479.9228	267.82	-23.00	42.50	1,2
267	NiCl2	nickel chloride	7718-54-9	10.25227	8220.2197	130.14	534.00	985.00	1,2
268	NiF2	nickel fluoride	10028-18-9	8.31881	7276.8348	-160.62	1077.00	1283.00	2
269	Np	neptunium	7439-99-8	7.90387	22003.2016	273.15	1726.85	2226.85	2
270	NpF6	neptunium hexafluoride	14521-05-2	7.19634	1271.8225	239.53	54.85	76.85	1,2
271	O2	oxygen	7782-44-7	6.83706	339.2095	268.70	-218.80	-118.57	1,2
272	O3	ozone	10028-15-6	7.15980	618.6072	255.87	-193.00	-12.15	1,2
273	Os	osmium	7440-04-2	9.76546	34751.0553	35.61	2600.00	5400.00	1,2
274	OsF5	osmium fluoride	31576-40-6	9.75828	3432.7793	273.23	74.10	225.90	1,2
275	OsF6	osmium fluoride	13768-38-2	8.26547	1525.6447	235.83	-89.00	47.50	1,2
276	OsOF5	osmium oxide pentafluoride	---	3.06277	47.1535	1.04	31.65	57.75	2
277	OsO4	osmium tetroxide	20816-12-0	4.72185	404.5748	84.75	3.20	135.00	1,2
278	P	phosphorus (white)	7723-14-0	7.00000	2016.5981	215.00	69.00	317.00	1,2
279	P	phosphorus (red)	7723-14-0	11.39619	5737.7187	242.50	181.85	431.00	1,2
280	PBrF2	phosphorus bromide difluoride	15597-40-7	6.90420	885.1200	236.00	-91.15	10.85	1,2
281	PBr2F	phosphorus dibromide fluoride	15597-39-4	6.85800	1210.3000	226.00	-18.15	109.85	1,2
282	PBr3	phosphorus tribromide	7789-60-8	7.35097	1883.6717	248.44	7.80	172.95	1,2
283	PBr5	phosphorus bromide	7789-69-7	10.31441	2746.6473	259.11	-19.00	110.10	1,2
284	PClF2	phosphorus chloride difluoride	14335-40-1	7.34733	1041.3236	280.39	-119.50	89.25	1,2
285	PCl2F	phosphorus dichloride fluoride	15597-63-4	7.11413	1120.6064	250.71	-71.10	189.85	1,2
286	PCl2F3	phosphorus dichloride trifluoride	13454-99-4	7.38018	1175.5119	257.82	-79.80	-22.80	1,2
287	PCl3	phosphorus chloride	7719-12-2	6.87188	1218.9462	229.32	-92.00	101.00	1,2
288	PCl5	phosphorus pentachloride	10026-13-8	10.28827	2973.0094	241.50	-12.00	159.85	1,2
289	PF3	phosphorus fluoride	7783-55-3	7.06415	651.8743	257.33	-152.00	-1.95	1,2
290	PF3O	phosphorus oxyfluoride	13478-20-1	10.28247	1549.5473	248.89	-124.00	-39.70	1,2
291	PF5	phosphorus fluoride	7647-19-0	9.61509	1143.4832	254.40	-157.00	-84.60	1,2
292	PH3	phosphine	7803-51-2	6.98375	724.4708	264.31	-133.78	51.60	1,2
293	PH4Br	phosphonium bromide	---	10.09866	2085.9953	250.37	-43.70	38.30	2
294	PH4Cl	phosphonium chloride	24567-53-1	9.08492	1255.1903	229.31	-91.00	-27.00	2
295	PH4I	phosphonium iodide	12125-09-6	10.23174	2291.9882	249.30	-25.20	62.50	1,2
296	POBrCIF	phosphoryl bromide chloride fluoride	14518-81-1	6.91410	1214.0000	222.00	-10.15	102.85	1,2
297	POBrCl2	phosphoryl bromide dichloride	13455-03-3	6.92410	1411.0000	213.00	31.85	162.85	1,2
298	POBrF2	phosphoryl bromide difluoride	14014-18-7	7.10190	1118.9000	233.00	-44.15	51.85	1,2
299	POBr3	phosphorus oxybromide	7789-59-5	7.13796	1697.4936	207.04	64.00	191.70	1,2
300	POClF2	phosphoryl chloride difluoride	13769-75-0	6.92660	946.9600	231.00	-76.15	30.85	1,2
301	POCl2F	phosphoryl dichloride fluoride	13769-76-1	7.08465	1201.8600	233.00	-40.15	84.85	1,2
302	POCl3	phosphorus oxychloride	10025-87-3	7.05109	1390.0324	227.82	1.18	105.50	1,2
303	PSBr3	phosphorus thiobromide	3931-89-3	9.40218	2659.4144	232.93	50.00	175.00	2
304	PSCl3	phosphorus thiochloride	3982-91-0	7.11462	1501.0578	229.54	-36.20	125.00	1,2
305	P2O3	phosphorus trioxide	1314-24-5	8.39335	2597.3392	298.17	47.30	173.00	1,2
306	P2O5	phosphorus pentoxide	1314-56-3	10.74529	6470.4817	217.75	230.00	700.00	1,2
307	P2S5	phosphorus sulfide	1314-80-3	9.02309	4959.9962	293.52	288.00	1017.85	1,2
308	P4O6	phosphorous oxide	12440-00-5	8.35860	2568.0727	295.82	39.70	173.00	1,2
309	Pb	lead	7439-92-1	7.46345	9131.8353	243.70	434.85	1749.00	1,2
310	PbBr2	lead bromide	10031-22-8	8.87105	6987.2446	274.44	513.00	892.00	1,2
311	PbCl2	lead chloride	7758-95-4	7.64617	5101.5890	119.56	547.00	951.00	1,2
312	PbF2	lead fluoride	7783-46-2	7.62479	6525.7272	82.58	861.00	1293.00	1,2
313	PbI2	lead iodide	10101-63-0	6.76027	3580.4550	50.32	479.00	872.00	1,2
314	PbO	lead oxide	1317-36-8	9.24183	10820.2993	227.03	943.00	1474.00	1,2
315	PbO	lead oxide (massicot)	1317-36-8	9.33076	11048.8015	240.48	724.00	1471.00	1,2
316	PbS	lead sulfide	1314-87-0	8.84745	7859.9264	36.31	852.00	1281.00	1,2
317	Pd	palladium	7440-05-3	8.56766	18403.4082	273.13	1300.00	3400.00	1,2
318	Po	polonium	7440-08-6	7.18388	5265.0104	261.55	500.00	1050.00	1,2
319	PoCl4	polonium tetrachloride	10026-02-5	9.33621	4280.8340	273.15	300.60	410.00	1,2
320	Pr	praseodymium	7440-10-0	6.78062	14030.7383	77.80	1497.70	3520.00	1,2

Table 2 Vapor Pressure – Inorganic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mmHg}, T - C)$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
321	PrCl3	praseodymium chloride	10361-79-2	10.44454	15000.0000	273.15	1680.00	1710.00	1,2
322	Pt	platinum	7440-06-4	8.58584	22055.7478	41.02	2057.00	3825.00	1,2
323	Pu	plutonium	7440-07-5	8.08674	18531.9774	331.78	1483.00	3228.00	1,2
324	PuBr3	plutonium bromide	15752-46-2	8.15259	8352.8990	93.61	681.00	1476.85	1,2
325	PuCl3	plutonium chloride	13569-62-5	7.22981	8007.1303	48.46	760.00	1776.85	1,2
326	PuF3	plutonium fluoride	13842-83-6	9.39122	14145.3938	49.57	1396.00	1726.85	1,2
327	Ra	radium	7440-14-4	6.71596	6622.4566	200.78	546.00	1526.00	1,2
328	Rb	rubidium	7440-17-7	6.99992	3926.1751	265.16	160.40	688.00	1,2
329	RbBr	rubidium bromide	7789-39-1	8.13532	8288.1158	237.34	781.00	1340.00	1,2
330	RbCl	rubidium chloride	7791-11-9	7.05736	6116.0391	74.38	792.00	1390.00	1,2
331	RbF	rubidium fluoride	13446-74-7	6.21681	3433.9886	-380.62	921.00	1410.00	1,2
332	RbI	rubidium iodide	7790-29-6	7.66815	7039.8460	170.51	748.00	1300.00	1,2
333	Re	rhenium	7440-15-5	8.97642	34838.4703	119.34	3030.00	5681.00	1,2
334	ReF5	rhenium fluoride	30937-52-1	8.98978	3010.3083	271.47	58.80	221.30	1,2
335	ReF6	rhenium fluoride	10049-17-9	8.47754	1550.5300	243.24	-97.00	33.80	1,2
336	ReF7	rhenium fluoride	17029-21-9	11.47517	5114.2585	521.55	48.30	71.85	1,2
337	ReOF4	rhenium oxytetrafluoride	17026-29-8	9.45214	2533.4840	213.84	5.00	171.70	1,2
338	ReOF5	rhenium oxypentafluoride	23377-53-9	7.90580	1772.1930	279.68	-103.00	73.00	1,2
339	ReO2F3	rhenium dioxytrifluoride	57246-89-6	10.36000	3437.0000	273.15	90.00	181.85	1,2
340	Re2O7	rhenium heptoxide	1314-68-7	10.48807	4082.7928	176.70	120.00	500.00	1,2
341	Rh	rhodium	7440-16-6	9.68520	26833.7062	248.59	2015.00	3695.00	1,2
342	Rn	radon	10043-92-2	6.58011	651.6732	237.86	-163.00	103.85	1,2
343	Ru	ruthenium	7440-18-8	9.33600	26794.4200	33.09	2315.00	4115.00	1,2
344	RuF5	ruthenium fluoride	14521-18-7	7.56315	2037.5032	196.96	49.60	156.80	1,2
345	S	sulfur	7704-34-9	7.86630	3464.9835	250.34	102.00	444.00	1,2
346	SCl2	sulfur dichloride	10545-99-0	8.36643	1559.0062	224.60	-76.00	59.60	1,2
347	SFN	thiazyl fluoride	18820-63-8	6.48180	877.1000	239.00	-8.15	29.85	1,2
348	SF2N2	dinitrogen sulfur difluoride	500010-01-5	6.78280	901.0000	242.00	-83.15	8.85	1,2
349	SF4	sulfur tetrafluoride	7783-60-0	7.02242	882.8300	253.61	-100.00	-40.45	1,2
350	SF6	sulfur hexafluoride	2551-62-4	6.87699	676.2391	233.12	-168.00	45.54	1,2
351	SOBr2	thionyl bromide	507-16-4	8.17193	2202.4959	276.26	-6.70	140.00	1,2
352	SOClF	thionyl chloride fluoride	14177-25-4	7.17310	1100.1000	244.00	-65.15	36.85	1,2
353	SOCl2	thionyl chloride	7719-09-7	7.27960	1415.8028	246.26	-101.15	99.00	1,2
354	SOF2	thionyl fluoride	7783-42-8	6.28388	569.2883	211.09	-98.73	-43.80	1,2
355	SOF4	sulfur oxide tetrafluoride	13709-54-1	7.07180	840.3000	249.00	-113.15	-25.15	1,2
356	SO2	sulfur dioxide	7446-09-5	7.33311	1013.4609	237.65	-75.48	157.60	1,2
357	SO2BrF	sulfuryl bromide fluoride	13536-61-3	7.14280	1155.0000	231.00	-45.15	67.85	1,2
358	SO2ClF	sulfuryl chloride fluoride	13637-84-8	6.52150	793.7300	210.70	-72.15	36.85	1,2
359	SO2Cl2	sulfuryl chloride	7791-25-5	6.94482	1194.8068	224.60	-51.15	271.85	1,2
360	SO2F2	sulfuryl fluoride	2699-79-8	6.90700	784.3000	250.00	-121.15	-32.15	1,2
361	SO3	sulfur trioxide	7446-11-9	6.85638	754.8178	145.11	16.80	217.70	1,2
362	S2Br2	sulfur bromide	13172-31-1	7.17834	1664.6387	185.93	-7.00	200.90	1,2
363	S2Cl2	sulfur monochloride	10025-67-9	7.04178	1466.8804	215.53	-7.40	137.00	1,2
364	S2F2	disulfur difluoride	16860-99-4	6.68410	628.0000	256.00	-120.15	-77.15	1,2
365	S2F10	sulfur decafluoride	5714-22-7	7.06760	1100.6000	234.00	-47.15	48.85	1,2
366	S2O2F10	thiosulfuryl decafluoride	12395-41-4	6.87410	1110.0000	229.00	-34.15	70.85	1,2
367	S2O5ClF	pyrosulfuryl chloride fluoride	13637-85-9	7.01560	1257.4000	204.00	4.85	130.85	1,2
368	S2O5Cl2	pyrosulfuryl chloride	7791-27-7	7.01910	1460.0000	202.00	47.85	177.85	1,2
369	S2O5F2	pyrosulfuryl difluoride	13036-75-4	6.88110	1120.0000	229.00	-33.15	72.85	1,2
370	S2O5F4	disulfur pentoxide tetrafluoride	44982-62-9	6.88510	1140.0000	227.00	-27.15	79.85	1,2
371	S3O8F2	trisulfur octoxide difluoride	13709-33-6	6.99010	1360.0000	211.00	22.85	145.85	1,2
372	Sb	antimony	7440-36-0	5.88125	4984.6752	74.32	534.00	1587.00	1,2
373	SbBr3	antimony tribromide	7789-61-9	8.00960	2654.1840	237.51	93.90	280.00	1,2
374	SbCl3	antimony trichloride	10025-91-9	6.91949	1709.1498	202.95	73.40	520.85	1,2
375	SbCl5	antimony pentachloride	7647-18-9	7.76515	2046.6707	240.86	22.70	114.10	1,2
376	SbH3	stibine	7803-52-3	7.20112	1062.6666	263.97	-95.28	167.20	1,2
377	SbI3	antimony triiodide	7790-44-5	7.55355	2915.0705	222.85	163.60	401.00	1,2
378	Sb2O3	antimony oxide	1309-64-4	4.06652	1464.9462	-189.49	400.00	1550.00	1,2
379	Sc	scandium	7440-20-2	7.72648	13961.2550	45.18	1300.00	3200.00	1,2
380	ScBr3	scandium bromide	13465-59-3	14.35000	13780.0000	273.15	768.85	926.85	1,2
381	ScCl3	scandium chloride	10361-84-9	14.37000	14200.0000	273.15	791.85	959.85	1,2
382	ScI3	scandium iodide	14474-33-0	14.17000	13340.0000	273.15	736.85	906.85	1,2
383	Se	selenium (gray)	7782-49-2	7.05403	3441.9628	139.77	227.00	685.00	1,2
384	SeCS	carbonyl selenium sulfide	5951-19-9	6.89093	1274.4371	232.21	-47.30	85.60	1,2
385	SeCl4	selenium tetrachloride	10026-03-6	10.79338	3477.8728	248.14	74.00	191.40	1,2
386	SeF4	selenium tetrafluoride	13465-66-2	7.61816	1471.6008	204.64	13.60	106.00	1,2
387	SeF6	selenium hexafluoride	7783-79-1	6.99021	727.3425	222.79	-153.00	72.35	1,2
388	SeOCl2	selenium oxychloride	7791-23-3	7.90109	1958.4938	213.12	34.80	177.00	1,2
389	SeOF2	selenium oxyfluoride	7783-43-9	7.42010	1380.0000	178.00	36.85	152.85	1,2
390	SeO2	selenium dioxide	7446-08-4	18.01392	11598.1403	451.41	115.00	335.00	1,2
391	Si	silicon	7440-21-3	8.71307	20614.1581	267.17	1634.85	3264.85	1,2
392	SiBrCl2F	silane bromodichlorofluoro	---	7.51839	1472.7873	282.18	-86.50	201.15	1,2
393	SiBr2ClF	silane dibromochlorofluoro	---	7.26677	1379.5487	255.04	-65.20	242.77	1,2
394	SiCCl3N	silane trichloro-carbonitrile	18157-01-2	7.75100	1687.0000	273.15	-46.15	73.24	1,2
395	SiCCl3NS	silane trichloroisothio-cyanato	18157-00-1	7.99850	2060.0000	273.15	66.85	129.38	1,2
396	SiCH2Cl4O	silane trichloro(chloro-methoxy)	18157-08-9	8.39500	2159.0000	273.15	-0.15	118.39	1,2
397	SiCH3Cl2F	silane dichlorofluoro-methyl	420-58-6	7.74530	1472.3000	273.15	-30.15	-27.15	1,2
398	SiCH3Cl3	silane methyltrichloro	75-79-6	7.18818	1370.6632	251.81	-77.80	243.85	1,2
399	SiCH3F3	silane trifluoromethyl	373-74-0	7.97520	1238.1000	273.15	-60.15	-57.15	1,2
400	SiCH4ClF	silane chlorofluoro-methyl	373-67-1	7.60660	1296.6000	273.15	-75.15	1.22	1,2

Table 2 Vapor Pressure – Inorganic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mmHg}, T - C)$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
401	SiCH4Cl2	silane methyl dichloro	75-54-7	7.23413	1272.2113	250.69	-90.60	209.85	1,2
402	SiCH4F2	silane difluoromethyl	420-34-8	7.76550	1160.4000	273.15	-75.15	-35.59	1,2
403	SiCH5Cl	silane methyl chloro	993-00-0	7.04725	1054.7751	244.46	-134.10	168.85	1,2
404	SiCH5Cl	silane (chloromethyl)	10112-09-1	8.09302	1719.2800	298.60	-27.15	31.26	1,2
405	SiCH6	silane methyl	992-94-9	7.10688	873.3901	263.57	-156.81	79.35	1,2
406	SiCH6O	methyl silyl ether	2171-96-2	3.98012	185.6317	149.98	-90.20	18.88	1,2
407	SiC2H8	silane dimethyl	1111-74-6	6.73312	853.3608	241.12	-150.22	128.85	1,2
408	SiC3H10	silane trimethyl	993-07-7	6.90193	1030.4100	249.55	-135.89	158.85	1,2
409	SiC4H12	silane tetramethyl	75-76-3	6.87190	1060.6645	239.11	-99.08	177.25	1,2
410	SiClF3	silane chlorotrifluoro	14049-36-6	7.06315	761.3693	252.04	-144.00	35.68	1,2
411	SiCl2F2	silane dichlorodifluoro	18356-71-3	7.33305	1054.7676	268.91	-124.70	94.20	1,2
412	SiCl3F	silane trichlorofluoro	14965-52-7	7.15967	1116.6266	248.71	-92.60	161.70	1,2
413	SiCl4	silicon tetrachloride	10026-04-7	7.00381	1205.9453	235.64	-68.85	233.85	1,2
414	SiF4	silicon tetrafluoride	7783-61-1	6.72479	459.3741	215.21	-156.00	-14.15	1,2
415	SiHBr3	silane tribromo	7789-57-3	6.97115	1382.4891	228.99	-30.50	344.35	1,2
416	SiHCl3	silane trichloro	10025-78-2	7.10586	1191.2883	250.11	-128.20	205.85	1,2
417	SiHF3	silane trifluoro	13465-71-9	6.50485	466.9478	223.85	-152.00	3.50	1,2
418	SiH2Br2	silane dibromo	13768-94-0	7.05269	1295.7656	244.60	-60.90	286.09	1,2
419	SiH2Cl2	silane dichloro	4109-96-0	6.98538	1032.4344	243.23	-122.00	175.85	1,2
420	SiH2F2	silane difluoro	13824-36-7	6.68670	609.3862	237.92	-146.70	37.60	1,2
421	SiH2I2	silane diiodo	13760-02-6	7.36622	2014.1634	299.05	3.80	410.66	1,2
422	SiH3Br	silane monobromo	13465-73-1	7.24230	1152.7870	261.91	-85.70	182.00	1,2
423	SiH3Cl	silane monochloro	13465-78-6	6.76710	797.8130	235.69	-117.80	123.64	1,2
424	SiH3F	silane monofluoro	13537-33-2	6.29474	412.9780	218.97	-153.00	12.72	1,2
425	SiH3I	silane iodo	13598-42-0	7.04589	1204.6095	243.82	-53.00	251.44	1,2
426	SiH4	silane	7803-62-5	7.12525	704.8874	278.22	-185.00	-3.45	1,2
427	SiI4	silane tetraiodo	13465-84-4	6.97269	1909.4768	201.81	120.50	256.85	1,2
428	SiO2	silicon dioxide (alpha quartz)	14808-60-7	9.87451	16418.2297	117.52	1609.85	2230.05	2
429	Si2CH3Cl5	silane pentachloromethyl-di	26980-40-5	7.91847	2186.1100	281.29	34.85	37.85	1,2
430	Si2CH7Cl	silane [(chlorosilyl)methyl]-	35483-45-5	7.83841	1674.1300	273.15	-0.15	64.54	1,2
431	Si2CH7Cl	silane (chloromethyl)-di	54713-74-5	8.09282	1875.0700	273.15	-23.15	86.61	1,2
432	Si2C2H4Cl6	1,2-bis(trichlorosilyl)ethane	2504-64-5	7.82031	2242.0000	251.00	90.85	202.89	1,2
433	Si2C2H4Cl6	1,1,1,3,3,3-hexachloro-2-methyl-1,3-disilapropane	18076-92-1	8.10890	2425.0000	273.15	54.85	190.69	1,2
434	Si2C2H6Cl4	silane 1,2,2,2-tetrachloro-1,1-dimethyl-di	26980-43-8	7.14487	1680.7900	236.84	26.85	157.34	1,2
435	Si2C2H9FO	1-fluoro-1,3-dimethyldisiloxane	35192-38-2	6.32253	1162.7400	274.47	-78.15	63.37	1,2
436	Si2Cl3F3O	disiloxane, trichlorotrifluoro	---	9.03398	2311.2185	332.87	-38.00	42.74	1,2
437	Si2Cl6	disilane hexachloro	13465-77-5	7.36013	1615.6257	215.69	4.00	145.00	1,2
438	Si2Cl6O	disiloxane, hexachloro	14986-21-1	7.12363	1465.7767	210.43	-5.00	135.60	2
439	Si2F6	disilane hexafluoro	---	12.22960	2464.6767	282.54	-81.00	-18.90	1,2
440	Si2H6	disilane	1590-87-0	7.00941	1015.4056	260.09	-129.30	158.85	1,2
441	Si2H6O	disiloxane	13597-73-4	7.42748	1137.4567	265.37	-112.50	-15.20	1,2
442	Si3Cl8	octachlorotrisilane	13596-23-1	8.65954	2872.1180	285.62	46.30	211.40	1,2
443	Si3H8	trisilane	7783-26-8	7.22385	1329.1653	253.14	-68.90	52.90	1,2
444	Si3H9N	trisilazane	---	7.15693	1247.8657	243.12	-68.70	48.70	1,2
445	Si4H10	tetrasilane	7783-29-1	6.54087	1122.5646	199.31	-27.70	107.40	1,2
446	Sm	samarium	7440-19-9	6.72424	7242.8476	90.48	700.00	2000.00	1,2
447	Sn	tin (white)	7440-31-5	8.54915	16655.8123	336.40	1150.00	2800.00	1,2
448	SnBr4	stannic bromide	7789-67-5	7.14579	1846.6483	227.98	58.30	205.00	1,2
449	SnCl2	stannous chloride	7772-99-8	7.51627	3705.3738	176.36	316.00	623.00	1,2
450	SnCl4	stannic chloride	7646-78-8	6.85720	1294.1344	211.30	-22.70	114.15	1,2
451	SnH4	stannane	2406-52-2	7.15934	937.8599	271.00	-140.00	-51.80	1,2
452	SnI4	stannic iodide	7790-47-8	6.06085	1628.2894	147.69	156.00	364.35	1,2
453	SnS	tin sulfide	1314-95-0	9.97000	10460.0000	273.15	726.85	1026.85	1,2
454	Sr	strontium	7440-24-6	6.83233	6128.6851	168.97	523.00	1382.00	1,2
455	SrF2	strontium fluoride	7783-48-4	8.06789	12904.6141	3.46	1477.00	2426.85	1,2
456	SrO	strontium oxide	1314-11-0	7.51441	9499.3367	-803.52	1750.00	2700.00	1,2
457	Ta	tantalum	7440-25-7	8.73303	31263.6507	-115.81	3024.00	5458.00	1,2
458	TaBr5	tantalum bromide	13451-11-1	8.14000	3260.0000	273.15	265.00	336.85	1,2
459	TaCl5	tantalum chloride	7721-01-9	11.98340	4654.0000	273.15	188.13	238.13	1,2
460	TaF5	tantalum fluoride	7783-71-3	6.45981	1797.9105	273.15	119.00	249.20	1,2
461	Tb	terbium	7440-27-9	7.41799	14824.6184	37.37	1516.10	3230.00	1,2
462	Tc	technetium	7440-26-8	26.08539	236826.8849	5941.04	2400.00	4400.00	1,2
463	Tc2O7	technetium heptoxide	---	9.00000	3570.0000	273.15	118.85	306.85	1,2
464	Te	tellurium	13494-80-9	6.63850	4084.3774	98.94	502.00	988.00	1,2
465	TeCl2	tellurium dichloride	10025-71-5	8.51000	3350.0000	273.15	208.00	316.85	1,2
466	TeCl4	tellurium tetrachloride	10026-07-0	8.59582	3538.9650	232.24	233.00	387.00	1,2
467	TeF4	tellurium tetrafluoride	15192-26-4	5.64000	1787.0000	273.15	129.00	196.85	1,2
468	TeF6	tellurium hexafluoride	7783-80-4	8.65918	1258.5289	256.70	-111.30	-38.90	1,2
469	TeO2	tellurium dioxide	7446-07-3	12.76126	15000.0000	273.15	1215.00	1245.00	1,2
470	Te2F10	tellurium decafluoride	53214-07-6	6.90180	1150.0000	227.00	-33.15	89.85	1,2
471	Th	thorium	7440-29-1	8.08673	25785.3686	165.09	2360.00	4788.00	1,2
472	ThBr4	thorium bromide	13453-49-1	9.56000	7550.0000	273.15	679.00	852.85	1,2
473	ThCl4	thorium chloride	10026-08-1	9.57000	7980.0000	273.15	770.00	912.85	1,2
474	ThI4	thorium iodide	7790-49-0	9.09000	6890.0000	273.15	582.85	833.85	1,2
475	ThO2	thorium oxide	1314-20-1	9.64285	31600.0000	273.15	4350.00	4400.00	1,2
476	Ti	titanium	7440-32-6	8.90223	20948.9918	190.76	1709.00	3285.00	1,2
477	TiBr4	titanium bromide	7789-68-6	6.97018	1791.8855	205.54	39.00	228.85	1,2
478	TiCl2	titanium chloride	10049-06-6	8.35740	10003.3561	174.30	1035.00	1426.85	1,2
479	TiCl4	titanium tetrachloride	7550-45-0	7.29500	1668.8244	242.21	-24.10	364.85	1,2
480	TiF4	titanium fluoride	7783-63-3	10.87761	4455.4168	273.15	234.00	284.00	1,2

Table 2 Vapor Pressure – Inorganic Compounds

$\log_{10} P = A - B/(T + C) \quad (P - \text{mmHg}, T - ^\circ\text{C})$									
NO	FORMULA	NAME	CAS No	A	B	C	TMIN	TMAX	code
481	TiI4	titanium iodide	7720-83-4	7.57600	3054.0000	273.15	156.85	369.85	1,2
482	Tl	thallium	7440-28-0	7.58000	8060.0496	229.50	609.00	1485.00	1,2
483	TlBr	thallous bromide	7789-40-4	7.32435	4432.7693	178.58	490.00	819.00	1,2
484	TlCl	thallium chloride	7791-12-0	-5.69389	6065.8547	-1427.41	504.00	720.00	1,2
485	TlF	thallium fluoride	7789-27-7	9.88714	6902.2858	273.15	662.00	712.00	1,2
486	TlI	thallium iodide	7790-30-9	7.34352	4374.7071	156.28	440.00	824.00	1,2
487	Tm	thulium	7440-30-4	7.82243	10435.3130	205.05	844.00	1297.00	1,2
488	U	uranium	7440-61-1	7.77000	23272.8375	600.00	2052.00	4129.00	1,2
489	UBr3	uranium bromide	13470-19-4	9.06095	10506.7518	178.05	727.00	926.85	1,2
490	UBr4	uranium bromide	13470-20-7	8.12161	4834.9448	143.94	519.00	766.85	1,2
491	UCl4	uranium chloride	10026-10-5	9.01541	5767.4399	147.57	590.00	770.00	1,2
492	UCl6	uranium chloride	13763-23-0	7.87988	4000.0000	273.15	477.00	527.00	1,2
493	UF4	uranium fluoride	10049-14-6	8.93038	9333.8078	95.95	1036.00	1400.00	1,2
494	UF6	uranium fluoride	7783-81-5	8.47645	1568.8742	223.87	-38.80	56.50	1,2
495	UI4	uranium iodide	13470-22-9	8.81552	5446.7685	159.45	506.00	726.85	1,2
496	V	vanadium	7440-62-2	9.18000	22303.0522	133.69	1828.00	3406.85	1,2
497	VCl4	vanadium tetrachloride	7632-51-1	7.32955	1823.3734	258.01	-25.70	423.85	1,2
498	VF5	vanadium fluoride	7783-72-4	10.43000	2423.0000	273.15	19.50	45.00	1,2
499	VOCl3	vanadium oxytrichloride	7727-18-6	7.02483	1518.9432	239.69	-79.50	126.85	1,2
500	V2O5	vanadium oxide	1314-62-1	5.05000	7100.0000	273.15	670.00	1226.85	1,2
501	W	tungsten	7440-33-7	9.98307	40387.9650	131.64	3204.00	5555.00	1,2
502	WCl4	tungsten chloride	13470-13-8	8.19500	3253.0000	273.15	281.85	326.85	1,2
503	WCl5	tungsten chloride	13470-14-9	7.72000	2760.0000	273.15	242.00	280.00	1,2
504	WCl6	tungsten chloride	13283-01-7	7.87000	3050.0000	273.15	275.00	340.00	1,2
505	WF6	tungsten fluoride	7783-82-6	7.07104	907.7240	199.53	-71.60	17.10	1,2
506	WOF4	tungsten oxytetrafluoride	13520-79-1	9.32296	2709.3726	234.67	2.00	185.90	1,2
507	WO3	tungsten oxide	1314-35-8	14.53875	24600.0000	273.15	1787.00	1837.00	1,2
508	Xe	xenon	7440-63-3	7.02795	701.1036	277.06	-111.75	16.55	1,2
509	XeF2	xenon difluoride	13709-36-9	6.96427	1073.3758	148.51	2.90	357.85	1,2
510	XeF4	xenon tetrafluoride	13709-61-0	10.91390	3095.0600	269.56	35.85	117.85	1,2
511	Y	yttrium	7440-65-5	8.00530	17991.8060	165.95	1610.10	3345.00	1,2
512	Yb	ytterbium	7440-64-4	7.28084	6060.1722	181.30	463.00	1196.00	1,2
513	Zn	zinc	7440-66-6	7.57409	5241.2423	203.39	337.00	912.00	1,2
514	ZnBr2	zinc bromide	7699-45-8	8.49304	4782.6046	185.14	397.85	561.85	1,2
515	ZnCl2	zinc chloride	7646-85-7	8.50869	5054.5539	166.13	428.00	732.00	1,2
516	ZnF2	zinc fluoride	7783-49-5	6.56144	4368.9367	-312.99	970.00	1500.00	1,2
517	ZnI2	zinc iodide	10139-47-6	18.01392	19725.9709	678.50	301.00	625.00	1,2
518	ZnO	zinc oxide	1314-13-2	9.97977	15781.3538	273.15	1499.95	1949.95	2
519	ZnS	zinc sulfide (wurtzite)	1314-98-3	12.46830	13980.0000	273.15	1135.00	1185.00	2
520	ZnSO4	zinc sulfate	7733-02-0	8.74032	2215.7753	273.15	20.00	105.00	2
521	Zr	zirconium	7440-67-7	9.12202	28773.5320	201.25	2366.00	4409.00	1,2
522	ZrBr4	zirconium bromide	13777-25-8	10.28269	4025.9186	183.91	207.00	360.00	1,2
523	ZrCl4	zirconium chloride	10026-11-6	11.44848	4801.8756	229.46	190.00	331.00	1,2
524	ZrF4	zirconium fluoride	7783-64-4	15.61264	15000.0000	273.15	875.00	905.00	1,2
525	ZrI4	zirconium iodide	13986-26-0	11.20709	5397.4287	217.24	264.00	431.00	1,2
Code: 1 - data, 2 - estimate, 3 - rough estimate.									
P - vapor pressure, mmHg.									
A, B, and C - Antoine coefficients for chemical compound.									
T - temperature, °C.									
TMIN - minimum temperature, °C.									
TMAX - maximum temperature, °C.									

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Chemical abstracts registry number (CAS No)
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