

Atoine C.

°C & mmHg

COMP	A	B	C	Tmin	TMax	Tb
"Water"	8.0713	1730.63	233.426	1	100	99.9968
"carbon-tetrachloride"	6.8941	1219.58	227.17	-20	101	76.7156
"trichlorofluoromethane"	6.8843	1043.01	236.86	-33	27	23.6654
"dichlorodifluoromethane"	6.6862	782.072	235.377	-119	-30	-29.8594
"chlorotrifluoromethane"	6.3511	522.061	231.677	-150	-81	-81.2391
"carbon-tetrafluoride"	6.9723	540.5	260.1	-180	-125	-127.9964
"carbon-monoxide"	6.2402	230.27	260.01	-210	-165	-191.4647
"carbon-dioxide"	9.8106	1347.79	273	-119	-69	-78.5077
"carbonyl-sulfide"	6.9072	804.48	250	-111	-49	-50.1995
"carbon-disulfide"	6.9419	1168.62	241.54	-45	69	46.2204
"chloroform"	6.9371	1171.2	227	-13	97	61.737
"dichlorofluoromethane"	6.9758	996.267	234.172	-91	9	9.1204
"chlorodifluoromethane"	6.7577	740.39	231.86	-48	-33	-40.8846
"trifluoromethane"	7.0886	705.33	249.78	-128	-82	-82.155
"triiodomethane"	6.596	1567.8	204	137	254	217.9999
"dichloromethane"	7.0803	1138.91	231.46	-44	59	39.7422
"chlorofluoromethane"	6.2045	740.39	231.86	-55	12	-9.0997
"difluoromethane"	7.1389	821.7	244.7	-82	-32	-51.726
"diiodomethane"	6.9425	1567.8	204	83	232	182.0011
"formaldehyde"	7.1561	957.24	243.01	-88	-2	-19.1092
"formic-acid"	7.3779	1563.28	247.07	-2	136	100.5506
"bromomethane"	6.9597	986.59	238.33	-58	53	3.5473
"chloromethane"	6.9944	902.45	243.61	-93	-7	-24.2272
"fluoromethane"	7.0976	740.22	253.89	-132	-64	-78.3487
"iodomethane"	6.988	1146.34	236.66	-13	52	42.4459
"nitromethane"	7.044	1291	209.01	5	136	101.089
"methane"	6.6956	405.42	267.777	-181	-152	-161.5013
"methanol"	8.0724	1574.99	238.87	-16	91	64.5036
"methanethiol"	7.0316	1015.547	238.706	-70	25	5.956
"methylamine"	7.4969	1079.15	240.24	-61	38	-6.4597
"tetrachloroethene"	7.02	1415.49	221.01	34	187	120.963
"hexachloroethane"	7.0863	1626.945	197.048	33	186	189.8117
"1,1,2-trichlorotrifluoroethane"	6.8803	1099.9	227.5	-25	83	47.5103
"1,2-dichlorotetrafluoroethane"	6.8708	942.336	232.632	-95	4	3.5409
"chloropentafluoroethane"	6.8333	802.97	242.28	-98	-43	-39.1243
"tetrafluoroethene"	6.8966	683.84	245.94	-133	-63	-75.6521
"hexafluoroethane"	6.7933	657.06	246.22	-103	-73	-78.2808
"cyanogen"	6.4363	576.579	182.308	-77	-4	-20.1415
"trichloroethene"	7.0281	1315.1	230.01	-13	127	87.0889
"pentachloroethane"	6.74	1378	197	25	162	160.0701
"trifluoroethene"	5.6872	491.359	227.23	-93	-31	-52.1409
"acetylene(ethyne)"	9.1402	1232.6	280.9	-129	-83	-83.9797
"1,1-dichloroethene"	6.9722	1099.4	237.2	-28	32	31.5109
"cis-1,2-dichloroethene"	7.0223	1205.4	230.6	0	84	60.4549
"trans-1,2-dichloroethene"	6.9651	1141.9	231.9	-38	85	47.6837
"1,1,2,2-tetrachloroethane"	6.6317	1228.1	179.9	25	130	147.5159

"1,1-difluoroethene"	6.3492	491.359	227.23	-140	-80	-85.5703
"cis-1,2-difluoroethene"	5.314	491.359	227.23	-78	2.6	-25.2903
"trans-1,2-difluoroethene"	5.314	491.359	227.23	-78	2.6	-25.2903
"ketene"	6.9573	803.1	238.01	-103	-18	-41.0021
"bromoethylene"	7.2438	1219.308	264.021	-88	16	15.446
"chloroethene"	6.4971	783.4	230.01	-88	17	-13.3789
"1,1,2-trichloroethane"	6.9653	1351	217	29	155	113.7637
"acetyl-chloride"	6.8407	1062.86	217.63	-36	82	50.7767
"fluoroethene"	6.3395	593.551	243.111	-149	-72	-71.4988
"1,1,1-trifluoroethane"	6.9038	788.21	243.24	-3	27	-47.3134
"acetonitrile"	7.0735	1279.2	224.01	-13	117	81.0927
"ethylene"	6.7476	585	255	-153	-91	-103.71
"1,2-dibromoethane"	6.7215	1280.82	201.75	52	131	131.739
"1,1-dichloroethane"	6.9853	1171.42	228.13	-31	79	57.2699
"1,2-dichloroethane"	7.0253	1271.25	222.94	-33	100	83.7928
"1,1-difluoroethane"	7.03	910	244	-35	0	-24.6799
"1,2-diiodoethane"	6.9883	1647.1	201	98	253	199.9956
"ethylene-oxide"	7.2701	1115.1	244.15	-73	37	9.9004
"acetaldehyde"	7.0565	1070.6	236.01	-63	47	20.379
"acetic-acid"	7.2996	1479.02	216.82	17	157	117.8918
"methyl-formate"	7.1704	1125.2	230.56	-48	51	31.7497
"thioacetic-acid"	7.7489	1479.02	216.82	40	106	87.0002
"thiacyclopropane"	7.0372	1194.37	232.42	-35	77	54.9343
"bromoethane"	6.92	1090.81	231.72	-47	60	38.3369
"chloroethane"	6.94	1012.78	236.68	-73	37	12.8232
"fluoroethane"	6.9785	854.21	246.16	-103	-21	-37.6985
"iodoethane"	6.959	1232	229	30	60	73.0951
"ethylenimine"	7.1323	1133.7	210.01	-25	86	56.6497
"nitroethane"	7.5878	1671.266	241.187	-21	114	113.876
"ethyl-nitrate"	7.1637	1338.8	224.9	0	60	87.6929
"ethane"	6.8345	663.7	256.47	-143	-75	-88.6022
"methyl-ether"	7.3164	1025.56	256.06	-94	-8	-24.8482
"ethyl-alcohol"	8.2133	1652.05	231.48	-3	96	78.3286
"ethylene-glycol"	8.7945	2615.4	244.91	91	221	197.3522
"methyl-sulfide"	6.9488	1090.755	230.799	-47	58	37.3331
"ethanethiol"	6.9521	1084.531	231.385	-49	56	35.003
"methyl-disulfide"	6.9779	1346.342	218.863	6	135	109.745
"ethylamine"	7.3862	1137.3	235.86	-58	43	16.5712
"dimethylamine"	7.0639	1024.4	238.01	-55	37	6.8809
"acrylonitrile"	6.9163	1208.3	222.01	-18	112	77.4087
"allene(propadiene)"	5.7137	458.06	196.07	-99	-16	-34.3763
"propyne(methylacetylene)"	6.7848	803.73	229.08	-90	-6	-23.2085
"acrylic-acid"	7.1926	1441.5	193.01	42	177	141.3062
"3-bromo-1-propene"	7.0519	1259.83	232.04	17	93	70.001
"3-chloro-1-propene"	6.9388	1099.6	226.01	-43	77	44.9618
"1,2,3-trichloropropane"	7.0028	1484.1	204.01	42	197	156.0349
"3-iodo-1-propene"	6.9693	1316.5	220	20	142	102.0018
"propionitrile"	6.9301	1277.2	218.01	-3	132	97.4036
"propene"	6.8196	785	247	-112	-32	-47.7
"cyclopropane"	6.8879	856.01	246.51	-93	-28	-32.886
"1,2-dibromopropane"	6.891	1419.6	212	50	250	141.9941
"1,2-dichloropropane"	6.9654	1296.4	221	15	135	96.3883
"1,3-dichloropropane"	6.9719	1376.2	216	34	162	120.3932

"2,2-dichloropropane"	6.9482	1201.1	226	-6	105	69.3002
"1,2-diiodopropane"	6.0765	1507.41	244.7	125	275	227.0015
"propylene-oxide"	6.6546	915.31	208.29	-48	67	34.2542
"allyl-alcohol"	7.3424	1271.7	188.01	13	127	97.0231
"propionaldehyde"	7.0493	1154.8	229.01	-38	77	48.021
"acetone"	7.2316	1277.03	237.23	-32	77	56.2871
"thiacyclobutane"	7.0167	1321.331	224.513	-5	120	94.9688
"1-bromopropane"	7.0377	1259.836	232.042	-53	71	71.0329
"2-bromopropane"	7.0046	1223.475	236.508	-62	60	60.1771
"1-chloropropane"	6.9311	1121.12	230.21	-43	77	46.5902
"2-chloropropane"	6.9654	1081.6	230.01	-48	67	34.7904
"1-fluoropropane"	6.9533	965.18	239.5	-70	30	-2.4998
"2-fluoropropane"	7.0745	965.18	239.5	-49	8	-9.3498
"1-iodopropane"	7.2212	1507.41	244.701	-36	103	102.5968
"2-iodopropane"	7.0167	1340.448	234.365	-43	90	89.7367
"1-nitropropane"	7.1146	1467.45	215.23	59	131	131.3746
"2-nitropropane"	7.4865	1664.036	240.995	-19	120	120.3022
"propyl-nitrate"	7.7372	1721.723	245.49	0	70	109.0383
"isopropyl-nitrate"	6.4201	1018.568	183.528	0	70	104.2643
"propane"	6.804	803.81	246.99	-108	-25	-42.1019
"ethyl-methyl-ether"	5.8819	504.49	160.76	-68	37	7.3425
"propyl-alcohol"	7.6192	1375.14	193.01	12	127	97.2027
"isopropyl-alcohol"	8.1182	1580.92	219.62	0	101	82.2328
"ethyl-methyl-sulfide"	6.9385	1182.562	224.784	-26	90	66.6542
"1-propanethiol"	6.9285	1183.307	224.624	-25	91	67.7205
"2-propanethiol"	6.8773	1113.895	226.157	-37	75	52.5588
"propylamine"	6.9468	1108.2	224.01	-38	77	48.5438
"trimethylamine"	6.9704	968.7	234.01	-58	32	2.8599
"octafluorocyclobutane"	6.8153	862.49	225.15	-32	1	-5.9371
"butadiyne(biacetylene)"	5.5192	460.684	164.594	-78	0	10.0162
"1buten3yne(vinylacetylene)"	6.953	957	230.01	-73	32	4.9989
"furan"	6.9753	1060.85	227.75	-35	90	31.3423
"thiophene"	6.9593	1246.02	221.35	-12	108	84.1634
"1,2-butadiene"	6.9938	1041.117	242.274	-26	30	10.8534
"1,3-butadiene"	6.85	930.546	238.854	-58	14	-4.4109
"1-butyne(ethylacetylene)"	6.982	988.75	233.01	-68	27	8.0799
"2-butyne(dimethylacetylene)"	7.0734	1101.71	235.81	-30	47	26.967
"cyclobutene"	6.9577	1009.32	244.986	-77	2	2.5859
"acetic-anhydride"	7.1216	1427.77	198.05	35	164	138.6258
"butyronitrile"	7.0396	1390.7	217	34	160	117.4004
"isobutyronitrile"	7.2159	1390.7	217	49	127	103.8002
"1-butene"	6.8429	926.1	240	-81	13	-6.2595
"2-butene,cis"	6.8693	960.1	237	-73	23	3.7203
"2-butene,trans"	6.8695	960.8	240	-76	20	0.8801
"2-methylpropene"	6.8413	923.2	240	-82	12	-6.8997
"cyclobutane"	6.9163	1024.54	241.38	-73	17	12.5027
"1,2-dibromobutane"	7.257	1759.076	235.009	8	166	166.9602
"2,3-dibromobutane"	7.2002	1691.481	230.223	5	161	161.3764
"1,2-diiodobutane"	6.2433	1507.41	244.7	110	246	203.6022
"butyraldehyde"	7.0212	1233	223.01	-18	107	74.7883
"2-butanone"	7.2087	1368.21	236.51	-16	103	79.6281
"p-dioxane"	7.0063	1288.5	211.01	2	137	101.3168
"ethyl-acetate"	7.0146	1211.9	216.01	-13	112	77.1595

"thiacyclopentane"	6.9954	1401.939	219.607	14	147	121.1172
"1-bromobutane"	6.9225	1298.608	219.7	19	141	101.6003
"2-bromobutane"	6.8272	1229.08	220	10	146	91.4413
"2-bromo-2-methylpropane"	6.6685	1129.7	225	-7	110	73.2559
"1-chlorobutane"	6.9379	1227.43	224.11	-18	112	78.4298
"2-chlorobutane"	6.9447	1195.8	226.01	-23	102	68.2404
"1-chloro-2-methylpropane"	6.953	1205.079	227.046	-54	69	68.8803
"2-chloro-2-methylpropane"	6.8671	1114.9	229.01	-38	87	50.6739
"2-iodo-2-methylpropane"	7.2539	1507.41	244.7	42	124	100.0016
"pyrrolidine"	6.9246	1179.99	205.26	27	127	86.5432
"1-nitrobutane"	6.8672	1467.45	215.23	86	182	152.89
"2-nitrobutane"	7.252	1664.03	240.99	75	167	139.6942
"butane"	6.809	935.86	238.73	-78	19	-0.4853
"2-methylpropane(isobutane)"	6.9105	946.35	246.68	-87	7	-11.8343
"ethyl-ether"	6.9203	1064.07	228.8	-61	20	34.6158
"methyl-propyl-ether"	6.1186	708.69	179.9	0	39	38.981
"methyl-isopropyl-ether"	6.245	708.69	179.9	-12	51	30.7603
"butyl-alcohol"	7.4768	1362.39	178.73	15	131	117.7004
"sec-butyl-alcohol"	7.4743	1314.19	186.51	25	120	99.5886
"tert-butyl-alcohol"	7.3199	1154.48	177.66	20	103	82.4115
"ethylsulfide"	6.9284	1257.833	218.662	-6	117	92.1023
"isopropyl-methyl-sulfide"	6.902	1232.17	221.67	-13	109	84.7526
"methyl-propyl-sulfide"	6.9554	1284.32	219.66	-4	120	95.5387
"1-butanethiol"	6.9275	1281.018	218.1	-2	123	98.4566
"2-butanethiol"	6.887	1229.904	222.021	-13	109	84.9817
"2-methyl-1-propanethiol"	6.8875	1237.282	220.313	-10	113	88.4944
"2-methyl-2-propanethiol"	6.7878	1115.565	221.314	1	87	64.2161
"ethyl-disulfide"	6.9751	1485.97	208.958	40	182	153.9821
"butylamine"	7.213	1308.4	224.2	-14	100	77.8184
"sec-butylamine"	7.1507	1238.3	227	-9	98	63.0084
"tert-butylamine"	6.7831	993.262	210.493	19	75	44.041
"diethylamine"	6.9724	1127	220.01	-31	77	55.4333
"pyridine"	6.9882	1344.2	212.01	12	152	115.2541
"2-methylthiophene"	6.939	1326.48	214.31	9	138	112.5576
"3-methylthiophene"	6.9861	1363.84	216.78	11	141	115.4347
"1,2-pentadiene"	6.9182	1104.991	228.851	-20	66	44.8387
"1,3-pentadiene,cis"	6.9109	1101.923	229.367	-17	65	44.0578
"1,3-pentadiene,trans"	6.9132	1103.84	231.724	-16	63	42.0216
"1,4-pentadiene"	6.8354	1017.995	231.461	-33	46	25.9584
"2,3-pentadiene"	6.9622	1126.837	227.841	-13	69	48.2534
"3-methyl-1,2-butadiene"	6.9435	1103.901	230.89	-20	62	40.827
"2-methyl-1,3-butadiene"	6.8856	1071.578	233.513	-18	55	34.0586
"1-pentyne"	6.9673	1092.52	227.19	-43	62	40.1595
"2-pentyne"	7.0461	1189.87	229.6	-33	78	56.0607
"3-methyl-1-butyne"	6.8848	1014.81	227.11	-55	47	26.3399
"cyclopentene"	6.9207	1121.81	233.46	-29	105	44.2236
"spiropentane"	6.917	1090.08	231.1	3	71	38.9767
"1-pentene"	6.8465	1044.895	233.516	-55	51	29.968
"2-pentene,cis"	6.8727	1067.951	230.585	-49	58	36.9427
"2-pentene,trans"	6.9058	1083.987	232.965	-49	58	36.3528
"2-methyl-1-butene"	6.8731	1053.78	232.788	-53	52	31.1634
"3-methyl-1-butene"	6.8262	1013.474	236.816	-63	41	20.061
"2-methyl-2-butene"	6.9156	1095.088	232.842	-48	60	38.5683

"cyclopentane"	6.8868	1124.162	231.361	-40	72	49.2623
"2,3-dibromo-2-methylbutane"	7.3674	1695.9	207	81	218	170.9976
"valeraldehyde"	7.0192	1316	215.01	4	139	102.9883
"2-pentanone"	6.95	1274.6	210.91	2	137	102.3221
"thiacyclohexane"	6.9052	1422.47	211.72	29	170	141.7443
"cyclopentanethiol"	6.915	1388.63	212.05	81	173	132.1682
"1-bromopentane"	6.9558	1401.634	214.38	41	173	129.5804
"1-chloropentane"	6.9662	1332.89	218.5	24	148	107.7604
"1-chloro-3-methylbutane"	6.7953	1258.5	223	39	124	98.5006
"2-chloro-2-methylbutane"	6.959	1258.5	223	7	123	85.5915
"pentane"	6.8763	1075.78	233.205	-50	58	36.0425
"2-methylbutane(isopentane)"	6.8332	1040.73	235.445	-57	49	27.8752
"2,2-dimethylpropane"	6.6043	883.42	227.782	-13	29	9.476
"methyl-tert-butyl-ether"	5.896	708.69	179.9	2	80	55.1402
"pentyl-alcohol"	7.1776	1314.56	168.16	37	138	137.7803
"tert-pentyl-alcohol"	7.8753	1604.7	208.16	55	133	113.1343
"butyl-methyl-sulfide"	6.9458	1363.808	212.074	17	150	123.4248
"ethyl-propyl-sulfide"	6.9338	1341.57	212.51	14	145	118.4978
"2-methyl-2-butanethiol"	6.8284	1254.885	218.759	-3	125	99.1301
"1-pentanethiol"	6.9331	1369.479	211.314	20	153	126.6373
"hexachlorobenzene"	9.786	4597.57	355.961	114	309	309.8511
"hexafluorobenzene"	7.033	1227.98	215.5	-3	117	80.243
"o-dichlorobenzene"	7.0703	1649.55	213.32	58	210	180.4156
"m-dichlorobenzene"	7.3037	1782.4	230.01	53	202	172.9847
"p-dichlorobenzene"	6.998	1575.11	208.52	54	204	174.0495
"m-difluorobenzene"	7.0658	1310.27	222.58	36	114	90.5067
"o-difluorobenzene"	7.0203	1310.271	222.587	31	130	93.9421
"p-difluorobenzene"	7.0881	1310.27	222.58	34	112	88.8473
"bromobenzene"	6.8606	1438.82	205.45	47	177	156.082
"chlorobenzene"	6.9781	1431.05	217.56	47	147	131.7077
"fluorobenzene"	7.187	1381.83	235.57	-23	97	85.3241
"iodobenzene"	7.0119	1640.13	208.78	17	197	188.2415
"benzene"	6.9056	1211.033	220.79	-16	104	80.1
"phenol"	7.1345	1516.07	174.57	72	208	181.8432
"benzenethiol"	6.9902	1529.454	203.048	52	198	169.1384
"2-picoline"	7.0324	1415.73	211.58	79	169	129.4294
"3-picoline"	7.0502	1481.77	211.21	74	185	144.1828
"aniline"	7.2418	1675.3	200.01	67	227	184.1462
"1-hexyne"	6.9121	1194.6	225	-8	118	71.3307
"cyclohexene"	6.8724	1221.9	223.18	27	87	82.9389
"1-methylcyclopentene"	6.8688	1199.6	225	-5	130	75.8004
"3-methylcyclopentene"	6.8726	1165.6	227	-10	119	65.0003
"4-methylcyclopentene"	6.8702	1197.6	225	-2	130	75.2003
"cyclohexanone"	6.9785	1495.58	209.559	90	166	155.4217
"1-hexene"	6.8657	1152.971	225.849	-29	87	63.4855
"2-hexene,cis"	7.038	1258.571	233.851	-25	92	68.8912
"2-hexene,trans"	6.8934	1173.343	224.53	-25	91	67.8842
"3-hexene,cis"	6.8785	1164.134	224.749	-27	90	66.45
"3-hexene,trans"	6.9178	1180.707	225.384	-26	90	67.0884
"2-methyl-1-pentene"	6.8503	1138.516	224.704	-30	85	62.113
"3-methyl-1-pentene"	6.7552	1086.316	226.204	-37	77	54.1778
"4-methyl-1-pentene"	6.8353	1121.302	229.687	-38	77	53.8656

"2-methyl-2-pentene"	6.9237	1183.837	225.514	-26	90	67.3079
"3-methyl-2-pentene,cis"	6.9107	1186.402	226.696	-26	91	67.7027
"3-methyl-2-pentene,trans"	6.9263	1194.527	224.833	-23	94	70.4381
"4-methyl-2-pentene,cis"	6.8413	1120.707	226.586	-35	79	56.3868
"4-methyl-2-pentene,trans"	6.8803	1142.874	227.143	-33	81	58.6122
"2-ethyl-1-butene"	6.9971	1218.352	231.3	-28	88	64.6819
"2,3-dimethyl-1-butene"	6.8624	1134.675	229.367	-36	78	55.6165
"3,3-dimethyl-1-butene"	6.6775	1010.516	224.909	-47	64	41.2477
"2,3-dimethyl-2-butene"	6.9506	1215.428	225.443	-21	97	73.2051
"cyclohexane"	6.8413	1201.531	222.647	6	105	80.7327
"methylcyclopentane"	6.8628	1186.059	226.042	-24	96	71.8119
"cyclohexanol"	6.2553	912.87	109.13	94	161	161.3912
"hexanal"	6.7144	1316	215.01	64	156	128.2699
"thiacycloheptane"	6.9052	1422.47	211.72	78	169	141.7399
"hexane"	6.8702	1168.72	224.21	-25	92	68.7444
"2-methylpentane"	6.8391	1135.41	226.572	-32	83	60.2718
"3-methylpentane"	6.8189	1152.368	227.129	-29	89	65.4945
"2,2-dimethylbutane"	6.7548	1081.176	229.343	-41	73	49.741
"2,3-dimethylbutane"	6.8098	1127.187	228.9	-35	81	57.9878
"propyl-ether"	6.9476	1256.5	219	26	89	89.9663
"isopropyl-ether"	7.0971	1257.6	230.01	-24	91	68.262
"hexyl-alcohol"	7.8604	1761.26	196.67	35	157	157.026
"butyl-ethyl-sulfide"	6.941	1421.32	205.81	33	172	144.251
"isopropyl-sulfide"	6.8712	1327.12	212.55	13	147	120.031
"methyl-pentyl-sulfide"	7.1161	1413.44	205.73	70	153	128.0003
"propyl-sulfide"	6.9358	1413.44	205.73	32	170	142.8409
"1-hexanethiol"	6.9466	1454.004	204.954	40	181	152.6619
"propyl-disulfide"	6.9753	1603.793	195.848	73	226	195.8487
"triethylamine"	6.8989	1251.8	222.01	-13	127	89.5313
"a,a,a-trifluorotoluene"	6.9704	1306.35	217.38	55	139	102.0494
"benzonitrile"	7.7291	2110.572	244.819	28	191	190.5034
"benzoic-acid"	7.454	1820	147.96	132	287	250.012
"p-fluorotoluene"	6.9943	1374.055	217.4	68	155	116.6398
"toluene"	6.9546	1344.8	219.482	6	136	110.6253
"1,3,5-cycloheptatriene"	6.9743	1376.84	220.75	0	65	115.5965
"m-cresol"	7.508	1856.36	199.07	97	207	202.1155
"o-cresol"	6.9117	1435.5	165.16	97	207	190.9651
"p-cresol"	7.0351	1511.08	161.86	97	207	201.88
"1-heptyne"	6.6859	1216.6	220	14	142	99.7274
"1-heptene"	6.9007	1257.505	219.179	-6	118	93.6428
"cycloheptane"	6.8539	1331.57	216.36	57	162	118.7875
"ethylcyclopentane"	6.8871	1298.599	220.675	-3	129	103.4661
"1,1-dimethylcyclopentane"	6.8172	1219.474	221.946	-12	113	87.8461
"c-1,2-dimethylcyclopentane"	6.8501	1269.14	220.209	-3	125	99.5327
"t-1,2-dimethylcyclopentane"	6.8442	1242.748	221.686	-9	117	91.8695
"c-1,3-dimethylcyclopentane"	6.8372	1237.456	222.005	-10	116	90.7733
"t-1,3-dimethylcyclopentane"	6.8382	1240.023	221.621	-9	117	91.7253
"methylcyclohexane"	6.823	1270.763	221.416	-3	127	100.9338
"heptanal"	5.4759	686.453	111.817	12	155	152.7063
"heptane"	6.8938	1264.37	216.636	-2	123	98.4297
"2-methylhexane"	6.8732	1236.026	219.545	-9	115	90.0523
"3-methylhexane"	6.8676	1240.196	219.223	-8	117	91.8505
"3-ethylpentane"	6.8756	1251.827	219.887	-7	118	93.4751

"2,2-dimethylpentane"	6.8148	1190.033	223.303	-19	104	79.1975
"2,3-dimethylpentane"	6.8538	1238.017	221.823	-10	115	89.7841
"2,4-dimethylpentane"	6.8262	1192.041	221.634	-17	105	80.5007
"3,3-dimethylpentane"	6.8267	1228.663	225.316	-14	111	86.0646
"2,2,3-trimethylbutane"	6.7923	1200.563	226.05	-19	106	80.8827
"isopropyl-tert-butyl-ether"	6.6291	1257.6	230.01	41	134	105.5006
"heptyl-alcohol"	6.6476	1140.64	126.56	60	176	176.2552
"butyl-propyl-sulfide"	6.6528	1421.32	205.81	99	203	171.0004
"ethyl-pentyl-sulfide"	6.6528	1421.32	205.81	99	203	171.0004
"hexyl-methyl-sulfide"	6.6528	1421.32	205.81	99	203	171.0004
"1-heptanethiol"	6.9525	1525.311	197.696	59	206	176.919
"ethynylbenzene"	6.957	1445.58	209.44	82	172	145.2003
"styrene"	6.9571	1445.58	209.44	32	187	145.1916
"1,3,5,7-cyclooctatetraene"	7.0067	1472.11	215.84	0	75	140.9593
"ethylbenzene"	6.9572	1424.255	213.206	26	163	136.1864
"m-xylene"	7.0091	1462.266	215.105	28	166	139.1032
"o-xylene"	6.9989	1474.679	213.686	32	172	144.4113
"p-xylene"	6.9905	1453.43	215.307	27	166	138.3509
"1-octyne"	7.0245	1413.8	215	25	170	126.1962
"1-octene"	6.9326	1353.486	212.764	15	148	121.2803
"cyclooctane"	6.8619	1437.78	209.98	94	197	151.1727
"propylcyclopentane"	6.9039	1384.386	213.159	21	158	130.9497
"ethylcyclohexane"	6.8673	1382.466	214.995	21	160	131.7948
"1,1-dimethylcyclohexane"	6.7982	1321.705	217.845	10	147	119.5487
"c-1,2-dimethylcyclohexane"	6.8375	1367.311	215.835	18	158	129.7382
"t-1,2-dimethylcyclohexane"	6.8331	1353.881	219.132	13	151	123.4261
"c-1,3-dimethylcyclohexane"	6.8388	1338.473	218.072	11	147	120.0956
"t-1,3-dimethylcyclohexane"	6.8346	1343.687	215.394	15	152	124.4584
"c-1,4-dimethylcyclohexane"	6.8329	1345.613	216.154	15	152	124.3303
"t-1,4-dimethylcyclohexane"	6.8177	1330.437	218.581	10	147	119.3578
"octanal"	12.5117	3977.531	244.532	73	169	168.4663
"octane"	6.9094	1349.82	209.385	19	152	125.6755
"2-methylheptane"	6.9174	1337.468	213.693	12	144	117.6475
"3-methylheptane"	6.8994	1331.53	212.414	13	145	118.9256
"4-methylheptane"	6.9006	1327.661	212.568	12	144	117.7094
"3-ethylhexane"	6.891	1327.884	212.595	13	145	118.5344
"2,2-dimethylhexane"	6.8372	1273.594	215.072	3	133	106.8405
"2,3-dimethylhexane"	6.87	1315.503	214.157	10	142	115.6069
"2,4-dimethylhexane"	6.853	1287.876	214.79	5	135	109.4294
"2,5-dimethylhexane"	6.8598	1287.274	214.412	5	135	109.1028
"3,3-dimethylhexane"	6.8512	1307.882	217.439	6	138	111.9694
"3,4-dimethylhexane"	6.8799	1330.035	214.863	11	144	117.725
"3-ethyl-2-methylpentane"	6.8636	1318.12	215.306	9	142	115.6499
"3-ethyl-3-methylpentane"	6.8673	1347.209	219.684	10	145	118.2591
"2,2,3-trimethylpentane"	6.8255	1294.875	218.42	4	136	109.8414
"2,2,4-trimethylpentane"	6.8119	1257.84	220.735	-4	125	99.2384
"2,3,3-trimethylpentane"	6.8435	1328.046	220.375	7	142	114.7603
"2,3,4-trimethylpentane"	6.854	1315.084	217.526	7	140	113.4671
"2,2,3,3-tetramethylbutane"	6.8766	1329.93	226.36	103	133	106.4689
"butyl-ether"	6.9825	1431.5	207.01	32	182	141.9928
"sec-butyl-ether"	6.7915	1348.53	223.79	57	149	121.0394
"tert-butyl-ether"	6.9329	1348.533	223.79	4	109	109.0064
"octyl-alcohol"	6.837	1310.62	136.06	70	195	195.2237

"butyl-sulfide"	6.5459	1421.32	205.81	106	215	181.9909
"ethyl-hexyl-sulfide"	6.4269	1421.32	205.81	115	231	195.0003
"heptyl-methyl-sulfide"	6.4269	1421.32	205.81	115	231	195.0003
"pentyl-propyl-sulfide"	6.4269	1421.32	205.81	115	231	195.0003
"1-octanethiol"	6.9691	1593	190.61	76	229	199.0408
"butyl-disulfide"	6.9638	1684.1	181.3	101	263	231.1677
"alpha-methylstyrene"	7.0924	1582.7	206.01	75	220	169.7866
"propenylbenzene,cis"	7.4496	1909.083	238.874	18	179	178.9785
"propenylbenzene,trans"	7.5499	1909.08	238.87	105	197	170.0039
"m-methylstyrene"	6.8793	1471.44	200	72	250	168.0011
"o-methylstyrene"	6.8846	1485.41	200	75	255	171.0004
"p-methylstyrene"	7.0112	1535.1	200.7	68	170	170.9601
"propylbenzene"	6.9514	1491.297	207.14	43	188	159.2175
"cumene"	6.9367	1460.793	207.777	38	181	152.3927
"m-ethyltoluene"	7.0158	1529.184	208.509	46	190	161.3052
"o-ethyltoluene"	7.0031	1535.374	207.3	48	194	165.1533
"p-ethyltoluene"	6.998	1527.113	208.921	46	191	161.989
"1,2,3-trimethylbenzene"	7.0408	1593.958	207.078	57	205	176.0844
"1,2,4-trimethylbenzene"	7.0438	1573.267	208.564	52	198	169.3512
"mesitylene"	7.0744	1569.622	209.578	49	193	164.7167
"1-nonyne"	6.7741	1404.7	210	50	223	150.8006
"1-nonene"	6.9539	1435.359	205.535	36	174	146.8684
"butylcyclopentane"	6.8994	1457.08	205.99	41	185	156.5997
"propylcyclohexane"	6.8865	1460.8	207.939	40	186	156.7462
"c-c-135-trimethylcyclohexane"	7.0974	1460.8	207.93	78	164	138.5089
"c-t-135-trimethylcyclohexane"	7.0727	1460.8	207.93	80	166	140.5494
"nonanal"	7.815	2036.854	227.486	33	185	185.3142
"nonane"	6.9344	1429.46	201.82	39	179	150.8208
"2-methyloctane"	6.9119	1398.42	203.65	33	171	143.2581
"3-methyloctane"	6.9092	1405.8	204.76	33	172	144.2135
"4-methyloctane"	6.9032	1399.12	205.41	32	170	142.425
"3-ethylheptane"	6.9049	1406.5	206.5	32	171	143.0212
"4-ethylheptane"	6.899	1399.8	207.2	30	169	141.1679
"2,2-dimethylheptane"	6.8817	1363.91	208.21	24	160	132.6885
"2,3-dimethylheptane"	6.8764	1389.5	207.3	29	168	140.4631
"2,4-dimethylheptane"	6.9025	1368.72	207.44	24	160	132.8931
"2,5-dimethylheptane"	6.8932	1375.4	206.8	27	163	135.9911
"2,6-dimethylheptane"	6.8938	1368	205.68	26	162	135.209
"3,3-dimethylheptane"	6.8755	1385.36	209.79	26	165	137.0081
"3,4-dimethylheptane"	6.8836	1396.9	208.4	29	168	140.5828
"3,5-dimethylheptane"	6.9016	1382.8	207.9	26	163	136.0094
"4,4-dimethylheptane"	6.8697	1378.7	210.4	24	163	135.237
"3-ethyl-2-methylhexane"	6.8869	1390.2	209	27	166	138.022
"4-ethyl-2-methylhexane"	6.9003	1376.1	208.6	25	161	133.7572
"3-ethyl-3-methylhexane"	6.8779	1406.8	211.4	28	169	140.559
"3-ethyl-4-methylhexane"	6.8943	1404.3	209.5	29	168	140.3953
"2,2,3-trimethylhexane"	6.8657	1375.72	211.63	23	161	133.601
"2,2,4-trimethylhexane"	6.8492	1340.9	211.35	18	154	126.5438
"2,2,5-trimethylhexane"	6.8353	1324.049	210.737	16	151	124.0841
"2,3,3-trimethylhexane"	6.8542	1389.79	212.1	25	166	137.6773
"2,3,4-trimethylhexane"	6.8527	1387.22	210.22	27	167	139.0362
"2,3,5-trimethylhexane"	6.8708	1359.09	209.29	22	159	131.3369
"2,4,4-trimethylhexane"	6.8516	1368.793	211.017	20	158	130.6486

"3,3,4-trimethylhexane"	6.8576	1403.88	212.56	27	169	140.4578
"3,3-diethylpentane"	6.8926	1451.245	215.575	31	175	146.1685
"3-ethyl-2,2-dimethylpentane"	6.8717	1383.13	212.75	23	162	133.8256
"3-ethyl-2,3-dimethylpentane"	6.8446	1418	213	30	174	144.736
"3-ethyl-2,4-dimethylpentane"	6.8529	1380.54	210.87	25	165	136.6878
"2,2,3,3-tetramethylpentane"	6.8288	1397.483	213.703	26	169	140.2742
"2,2,3,4-tetramethylpentane"	6.8317	1374.042	214.762	21	161	133.016
"2,2,4,4-tetramethylpentane"	6.7971	1325.183	216.093	13	150	122.2844
"2,3,3,4-tetramethylpentane"	6.8596	1417.473	214.705	27	170	141.5517
"nonyl-alcohol"	6.6757	1276.63	123.06	90	214	213.348
"butyl-pentyl-sulfide"	6.2345	1421.32	205.81	129	258	218.0008
"ethyl-heptyl-sulfide"	6.2345	1421.32	205.81	129	258	218.0008
"hexyl-propyl-sulfide"	6.2345	1421.32	205.81	129	258	218.0008
"methyl-octyl-sulfide"	6.2345	1421.32	205.81	129	258	218.0008
"1-nonanethiol"	6.9839	1655.6	183.7	93	251	219.8011
"naphthalene"	7.0106	1733.71	201.859	87	250	217.9421
"azulene"	6.7868	1733.71	201.85	160	278	242.0097
"butylbenzene"	6.9832	1577.965	201.378	62	213	183.2704
"m-diethylbenzene"	7.0036	1575.31	200.96	61	211	181.1384
"o-diethylbenzene"	6.9878	1576.94	200.51	63	213	183.4552
"p-diethylbenzene"	6.9982	1588.31	201.97	63	214	183.7868
"1,2,3,4-tetramethylbenzene"	7.0594	1690.54	199.48	80	236	205.0922
"1,2,3,5-tetramethylbenzene"	7.0779	1675.43	201.14	75	228	198.0488
"1,2,4,5-tetramethylbenzene"	7.08	1672.43	201.43	74	227	196.8448
"1-decyne"	7.1087	1606.6	206	78	246	174.0007
"decahydronaphthalene,cis"	6.8753	1594.46	203.392	68	228	195.7742
"decahydronaphthalene,trans"	6.8568	1564.683	206.259	61	219	187.2733
"1-decene"	6.9603	1501.872	197.578	54	199	170.5706
"1-cyclopentylpentane"	6.9414	1540.6	198.8	60	210	180.6033
"butylcyclohexane"	6.9103	1538.518	200.833	59	211	180.9819
"decanal"	8.2079	2378.316	237.905	52	209	208.5488
"decane"	6.9638	1508.75	195.374	58	203	174.1517
"2-methylnonane"	6.9337	1472.73	196.38	52	196	166.9963
"3-methylnonane"	6.9298	1479.1	197.5	52	197	167.8058
"4-methylnonane"	6.9223	1471	198.3	50	194	165.6714
"5-methylnonane"	6.9188	1468.4	198.5	50	194	165.1484
"3-ethyloctane"	6.9184	1477.4	199.4	50	195	166.5071
"4-ethyloctane"	6.9092	1466.68	200.44	48	192	163.6444
"2,2-dimethyloctane"	6.9062	1439.6	200.7	43	185	156.9329
"2,3-dimethyloctane"	6.8945	1462.22	200	48	193	164.3094
"2,4-dimethyloctane"	6.9215	1439.8	200.4	43	184	155.9291
"2,5-dimethyloctane"	6.9026	1442.5	200.2	44	187	158.4688
"2,6-dimethyloctane"	6.9333	1450.53	199.4	45	187	158.5349
"2,7-dimethyloctane"	6.9133	1444.19	198.27	46	188	159.8724
"3,3-dimethyloctane"	6.889	1457.6	202.5	45	190	161.1603
"3,4-dimethyloctane"	6.8993	1465.9	201.4	47	192	163.3927
"3,5-dimethyloctane"	6.8976	1448.8	201.3	44	188	159.3881
"3,6-dimethyloctane"	6.9128	1456.9	200.5	46	189	160.832
"4,4-dimethyloctane"	6.8889	1446.9	203.5	42	186	157.4943
"4,5-dimethyloctane"	6.8929	1460.52	201.9	46	191	162.1319
"4-propylheptane"	6.9471	1458.7	201.2	44	186	157.5303
"4-isopropylheptane"	6.8876	1449.8	202.9	43	188	158.9388

"3-ethyl-2-methylheptane"	6.8929	1457.9	202.2	45	190	161.1734
"4-ethyl-2-methylheptane"	6.892	1438.2	202.3	42	185	156.2473
"5-ethyl-2-methylheptane"	6.8942	1448.8	201.3	44	188	159.6883
"3-ethyl-3-methylheptane"	6.8806	1472.9	204.5	46	193	163.7419
"4-ethyl-3-methylheptane"	6.8869	1464.2	203.3	45	191	162.1948
"3-ethyl-5-methylheptane"	6.9159	1455.2	202.4	44	187	158.234
"3-ethyl-4-methylheptane"	6.8883	1466.8	203	46	192	163.0177
"4-ethyl-4-methylheptane"	6.883	1464.9	205.2	44	190	160.8231
"2,2,3-trimethylheptane"	6.8751	1446.1	204.4	42	187	157.6449
"2,2,4-trimethylheptane"	6.8752	1409.4	204.5	35	177	148.3408
"2,2,5-trimethylheptane"	6.8786	1417.4	203.8	37	179	150.7506
"2,2,6-trimethylheptane"	6.8945	1411.09	202.63	37	177	148.9361
"2,3,3-trimethylheptane"	6.872	1457.8	205	43	189	160.253
"2,3,4-trimethylheptane"	6.8742	1451.7	203.6	44	189	159.9288
"2,3,5-trimethylheptane"	6.8399	1440	203	44	190	160.7203
"2,3,6-trimethylheptane"	6.8867	1433.7	201.9	42	184	156.0001
"2,4,4-trimethylheptane"	6.8606	1418.4	205.4	37	180	150.9992
"2,4,5-trimethylheptane"	6.8758	1437.3	203.3	41	185	156.4732
"2,4,6-trimethylheptane"	6.914	1411.3	202.3	36	175	147.6262
"2,5,5-trimethylheptane"	6.882	1429.09	204.36	39	181	152.803
"3,3,4-trimethylheptane"	6.8686	1466.8	205.9	44	191	161.9222
"3,3,5-trimethylheptane"	6.8552	1435.43	205.49	40	185	155.6766
"3,4,4-trimethylheptane"	6.8672	1464.1	206.2	43	190	161.0741
"3,4,5-trimethylheptane"	6.8711	1463.4	204.2	45	192	162.5378
"3-isopropyl-2-methylhexane"	6.761	1441	204.7	45	197	166.671
"3,3-diethylhexane"	6.8836	1490.9	206.2	47	196	166.2702
"3,4-diethylhexane"	6.8835	1473.2	204.2	46	193	163.8556
"3-ethyl-2,2-dimethylhexane"	6.8659	1444.4	206.4	40	185	156.0477
"4-ethyl-2,2-dimethylhexane"	6.8953	1416	206	34	175	146.7261
"3-ethyl-2,3-dimethylhexane"	6.8613	1475.8	206.8	45	194	163.9606
"4-ethyl-2,3-dimethylhexane"	6.8682	1458	204.7	44	190	160.9503
"3-ethyl-2,4-dimethylhexane"	6.8668	1455.3	205	43	189	160.1023
"4-ethyl-2,4-dimethylhexane"	6.8672	1464.1	206.2	43	190	161.0741
"3-ethyl-2,5-dimethylhexane"	6.8716	1429.3	204.1	39	183	154.0544
"4-ethyl-3,3-dimethylhexane"	6.8629	1473.1	207	44	193	162.9336
"3-ethyl-3,4-dimethylhexane"	6.8615	1470.4	207.3	44	192	162.0854
"2,2,3,3-tetramethylhexane"	6.8444	1464.03	209.06	41	190	160.3119
"2,2,3,4-tetramethylhexane"	6.8241	1443.6	207.3	41	188	158.7906
"2,2,3,5-tetramethylhexane"	6.8768	1417.6	206.3	35	177	148.4515
"2,2,4,4-tetramethylhexane"	6.7315	1396	208.7	35	184	153.8318
"2,2,4,5-tetramethylhexane"	6.8356	1400.55	206.26	34	176	147.8796
"2,2,5,5-tetramethylhexane"	6.8812	1377.98	207	27	165	137.4583
"2,3,3,4-tetramethylhexane"	6.8424	1474.94	207.72	45	195	164.5876
"2,3,3,5-tetramethylhexane"	6.8504	1429.2	206.9	37	182	153.1348
"2,3,4,4-tetramethylhexane"	6.8294	1457.9	207.6	42	191	161.6207
"2,3,4,5-tetramethylhexane"	6.8716	1442.8	205.3	40	185	156.2364
"3,3,4,4-tetramethylhexane"	6.8116	1492.7	209.7	47	201	170.042
"2,4-dimethyl-3-isopropylpentane"	6.8215	1432.15	206.38	40	186	157.0428
"3,3-diethyl-2-methylpentane"	6.8598	1501.8	207.7	49	200	169.729
"3-ethyl-2,2,3-trimethylpentane"	6.8071	1490.1	210	47	200	169.5189
"3-ethyl-2,2,4-trimethylpentane"	6.8315	1435.6	208.1	38	185	155.2808
"3-ethyl-2,3,4-trimethylpentane"	6.8162	1486.62	208.32	47	200	169.4409
"2,2,3,3,4-pentamethylpentane"	6.7966	1474.89	210.6	44	197	166.0533

"2,2,3,4,4-pentamethylpentane"	6.7327	1423.83	210.35	38	190	159.292
"decyl-alcohol"	6.9224	1472.01	134.16	103	230	230.0559
"butyl-hexyl-sulfide"	6.069	1421.32	205.81	143	285	240.0011
"ethyl-octyl-sulfide"	6.069	1421.32	205.81	143	285	240.0011
"heptyl-propyl-sulfide"	6.069	1421.32	205.81	143	285	240.0011
"methyl-nonyl-sulfide"	6.069	1421.32	205.81	143	285	240.0011
"pentyl-sulfide"	6.069	1421.32	205.81	143	285	240.0011
"1-decanethiol"	6.9981	1713.6	177	109	271	239.1965
"pentyl-disulfide"	6.9581	1756	166.8	128	298	263.8786
"1-methylnaphthalene"	7.0359	1826.948	195.002	108	278	244.6854
"2-methylnaphthalene"	7.0685	1840.268	198.395	105	274	241.0524
"pentylbenzene"	6.9783	1639.91	194.76	80	237	205.4605
"pentamethylbenzene"	7.1376	1833.8	198.96	125	270	231.8345
"1-undecyne"	7.1306	1687.2	202	80	267	195.0045
"1-undecene"	6.9666	1562.469	189.743	72	222	192.6709
"1-cyclopentylhexane"	6.9548	1608	191.6	78	234	203.0994
"pentylcyclohexane"	6.9467	1619.11	194.51	78	235	203.7111
"undecane"	6.9722	1569.57	187.7	75	226	195.9279
"undecyl-alcohol"	6.5271	1250	100	120	243	242.8145
"butyl-heptyl-sulfide"	5.9321	1421.32	205.81	155	309	260.0001
"decyl-methyl-sulfide"	5.9321	1421.32	205.81	155	309	260.0001
"ethyl-nonyl-sulfide"	5.9321	1421.32	205.81	155	309	260.0001
"octyl-propyl-sulfide"	5.9321	1421.32	205.81	155	309	260.0001
"1-undecanethiol"	7.0122	1767.4	170.4	124	290	257.3983
"biphenyl"	7.2454	1998.72	202.74	70	272	255.2003
"1-ethylnaphthalene"	7.0316	1841.32	185.28	120	292	258.3286
"2-ethylnaphthalene"	7.0757	1880.73	191.41	118	291	256.933
"1,2-dimethylnaphthalene"	7.006	1805.31	171.37	129	269	266.2558
"1,3-dimethylnaphthalene"	7.2698	2076	210	148	310	263.0021
"1,4-dimethylnaphthalene"	7.2698	2076	210	148	310	263.0021
"1,5-dimethylnaphthalene"	7.0493	1855	180	150	313	265.0056
"1,6-dimethylnaphthalene"	7.2698	2076	210	148	310	263.0021
"1,7-dimethylnaphthalene"	7.0564	1879	180	150	320	269.9967
"2,3-dimethylnaphthalene"	7.0527	1869	180	155	315	267.9988
"2,6-dimethylnaphthalene"	7.046	1841	180	150	310	261.997
"2,7-dimethylnaphthalene"	7.0478	1846	180	150	310	263.006
"hexylbenzene"	6.9853	1700.5	188.2	96	258	226.1027
"1,2,3-triethylbenzene"	7.5888	2133.55	235.68	146	247	217.4996
"1,2,4-triethylbenzene"	7.5787	2133.558	235.681	46	218	218.4727
"1,3,5-triethylbenzene"	7.6044	2133.55	235.68	145	246	216.0001
"hexamethylbenzene"	7.1554	2133.55	235.68	178	300	263.4396
"1-dodecyne"	7.1693	1771.1	198	113	288	214.9905
"1-dodecene"	6.9752	1619.862	182.271	89	244	213.357
"1-cyclopentylheptane"	6.9743	1672.2	184.4	95	256	224.1026
"1-cyclohexylhexane"	6.9555	1681	187.8	94	257	224.7471
"dodecane"	6.998	1639.27	181.835	91	247	216.3228
"dodecyl-alcohol"	7.5399	2003.29	168.13	138	214	261.8485
"butyl-octyl-sulfide"	6.629	1408	116.06	134	307	259.5883
"decyl-ethyl-sulfide"	5.8125	1421.32	205.81	166	333	279.0015
"hexyl-sulfide"	5.8125	1421.32	205.81	166	333	279.0015
"methyl-undecyl-sulfide"	5.8125	1421.32	205.81	166	333	279.0015
"nonyl-propyl-sulfide"	5.8125	1421.32	205.81	166	333	279.0015
"1-dodecanethiol"	7.0244	1817.8	164.1	138	308	274.6021

"hexyl-disulfide"	6.9632	1824.9	153.5	153	328	293.5179
"1-propylnaphthalene"	7.0594	1890.8	180	155	335	272.4975
"2-propylnaphthalene"	7.0605	1895.5	180	160	335	273.5029
"2-ethyl-3-methylnaphthalene"	7.0285	1895.5	180	196	312	277.0007
"2-ethyl-6-methylnaphthalene"	7.093	1895.5	180	192	303	270.0006
"2-ethyl-7-methylnaphthalene"	7.093	1895.5	180	192	303	270.0006
"1-phenylheptane"	7.0006	1761.2	181.5	112	279	245.9979
"1-tridecyne"	7.1567	1834.4	195	120	308	234.0064
"1-tridecene"	6.9856	1674.741	175.214	105	264	232.7801
"1-cyclopentyloctane"	6.9896	1729.8	177.3	112	276	243.7002
"1-cyclohexylheptane"	6.9743	1743	180.9	111	278	244.8984
"tridecane"	7.0076	1690.67	174.22	107	267	235.4659
"1-tridecanol"	7.4118	2003.29	168.13	202	304	274.0001
"butyl-nonyl-sulfide"	5.7076	1421.32	205.81	177	355	297.0013
"decyl-propyl-sulfide"	5.7076	1421.32	205.81	177	355	297.0013
"dodecyl-methyl-sulfide"	5.7076	1421.32	205.81	177	355	297.0013
"ethyl-undecyl-sulfide"	5.7076	1421.32	205.81	177	355	297.0013
"1-tridecanethiol"	7.037	1864.9	157.9	151	325	290.8046
"1-butylnaphthalene"	4.9631	656.8	26	139	292	289.4225
"2-butylnaphthalene"	6.6117	1591.4	138.5	145	291	288.0474
"1-phenyloctane"	7.0086	1812.2	174.6	127	298	264.4247
"1,2,3,4-tetraethylbenzene"	7.6563	2312.864	236.261	66	248	248.0571
"1,2,3,5-tetraethylbenzene"	7.6324	2312.86	236.26	174	282	250.5004
"1,2,4,5-tetraethylbenzene"	7.6372	2312.86	236.26	174	282	250.001
"1-tetradecyne"	7.2323	1927.7	191	145	326	252.0011
"1-tetradecene"	7.02	1745.001	170.475	119	283	251.1006
"1-cyclopentylnonane"	6.996	1779	170.2	126	296	262.1012
"1-cyclohexyloctane"	6.9897	1799.3	174.3	126	298	263.6045
"tetradecane"	7.013	1740.88	167.72	122	286	253.5775
"1-tetradecanol"	6.6741	1204.5	54	130	264	263.5347
"butyl-decyl-sulfide"	5.6151	1421.32	205.81	187	376	314.0001
"dodecyl-ethyl-sulfide"	5.6151	1421.32	205.81	187	376	314.0001
"heptyl-sulfide"	5.6151	1421.32	205.81	187	376	314.0001
"methyl-tridecyl-sulfide"	5.6151	1421.32	205.81	187	376	314.0001
"propyl-undecyl-sulfide"	5.6151	1421.32	205.81	187	376	314.0001
"1-tetradecanethiol"	7.0485	1909.2	151.9	164	341	306.1959
"heptyl-disulfide"	6.9602	1878.6	139.8	175	357	320.7104
"1-pentylnaphthalene"	7.0743	2000	170	185	360	306.9301
"2-pentylnaphthalene"	7.06	2005.9	170	190	370	309.9738
"1-phenylnonane"	7.0245	1862.6	167.5	142	316	282.0031
"1-pentadecyne"	7.2055	1972.07	188	140	349	267.9998
"1-pentadecene"	7.0156	1781.974	162.582	134	302	268.3944
"1-cyclopentyldecane"	7.0035	1825.748	163.479	141	314	279.376
"1-cyclohexylnonane"	7.0006	1850.2	167.6	141	316	281.501
"pentadecane"	7.0236	1789.95	161.38	136	304	270.6853
"1-pentadecanol"	6.2374	1204.5	54	230	339	304.8499
"butyl-undecyl-sulfide"	5.5335	1421.32	205.81	196	397	330.0001
"dodecyl-propyl-sulfide"	5.5335	1421.32	205.81	196	397	330.0001
"ethyl-tridecyl-sulfide"	5.5335	1421.32	205.81	196	397	330.0001
"methyl-tetradecyl-sulfide"	5.5335	1421.32	205.81	196	397	330.0001
"1-pentadecanethiol"	7.0612	1951	146	176	356	320.7033
"1-phenyldecane"	7.0364	1904.132	160.318	155	333	297.89
"pentaethylbenzene"	8.205	2072.77	272.052	86	277	277.0226

pentacyclopentene	8.299	2912.11	212.092	89	211	211.0299
"1-hexadecyne"	7.4751	2154.7	185	172	367	283.9946
"1-hexadecene"	7.0444	1843.581	157.917	147	319	284.873
"1-cyclopentylundecane"	7.02	1869.2	156	154	330	295.5863
"1-cyclohexyldecane"	7.0185	1899.242	161.348	154	333	297.6604
"hexadecane"	7.0287	1830.51	154.45	149	321	286.8647
"1-hexadecanol"	6.1586	1380	91	145	190	330.0158
"butyl-dodecyl-sulfide"	5.4612	1421.32	205.81	204	416	345.0003
"ethyl-tetradecyl-sulfide"	5.4612	1421.32	205.81	204	416	345.0003
"methyl-pentadecyl-sulfide"	5.4612	1421.32	205.81	204	416	345.0003
"octyl-sulfide"	5.4612	1421.32	205.81	204	416	345.0003
"propyl-tridecyl-sulfide"	5.4612	1421.32	205.81	204	416	345.0003
"1-hexadecanethiol"	7.075	1990	140	188	370	334.4663
"octyl-disulfide"	6.9579	1935.6	129	196	383	345.7508
"1-phenylundecane"	7.0509	1944.1	153	168	349	313.2014
"1-heptadecyne"	7.4883	2216.2	182	184	384	299.0008
"1-heptadecene"	7.0392	1877.91	151.53	159	335	300.0604
"1-cyclopentyl-dodecane"	7.0319	1909.1	149	168	346	310.9037
"1-cyclohexylundecane"	7.029	1939.7	154.5	167	349	313.1019
"heptadecane"	7.0143	1865.1	149.2	161	337	302.0172
"1-heptadecanol"	6.782	1595	85.06	191	383	323.79
"butyl-tridecyl-sulfide"	5.3973	1421.32	205.81	212	434	359.0001
"ethyl-pentadecyl-sulfide"	5.3973	1421.32	205.81	212	434	359.0001
"hexadecyl-methyl-sulfide"	5.3973	1421.32	205.81	212	434	359.0001
"propyl-tetradecyl-sulfide"	5.3973	1421.32	205.81	212	434	359.0001
"1-heptadecanethiol"	7.081	2027	135	198	384	347.5976
"1-phenyldodecane"	7.0693	1981.6	145.5	181	363	327.6065
"hexaethylbenzene"	7.5029	2360.733	212.652	134	298	298.1007
"1-octadecyne"	7.5079	2281.1	180	196	400	312.9916
"1-octadecene"	7.0452	1917.9	145.9	171	350	314.6503
"1-cyclopentyltridecane"	7.0473	1947	141.9	180	361	325.4002
"1-cyclohexyldodecane"	7.0362	1976.7	148	179	364	327.6958
"octadecane"	7.0022	1894.3	143.3	172	352	316.3269
"1-octadecanol"	6.814	1632	80.06	201	385	334.8708
"butyl-tetradecyl-sulfide"	5.3364	1421.32	205.81	220	452	373.0008
"ethyl-hexadecyl-sulfide"	5.3364	1421.32	205.81	220	452	373.0008
"heptadecyl-methyl-sulfide"	5.3364	1421.32	205.81	220	452	373.0008
"nonyl-sulfide"	5.3364	1421.32	205.81	220	452	373.0008
"pentadecyl-propyl-sulfide"	5.3364	1421.32	205.81	220	452	373.0008
"1-octadecanethiol"	7.096	2061	129	209	397	359.9463
"nonyl-disulfide"	6.9605	1981.5	117	215	407	368.6991
"1-phenyltridecane"	7.0843	2013.9	137.9	193	377	341.2023
"1-nonadecyne"	7.5171	2336.7	177	208	416	327.0014
"1-nonadecene"	7.0571	1961.6	141.2	183	364	328.4996
"1-cyclopentyltetradecane"	7.063	1982	135	192	375	338.9148
"1-cyclohexyltridecane"	7.0469	2012.2	141.5	191	378	341.4953
"nonadecane"	7.0153	1932.8	137.6	184	366	329.8825
"1-nonadecanol"	6.6077	1632	80.06	274	395	357.8402
"butyl-pentadecyl-sulfide"	5.2825	1421.32	205.81	227	468	386.0007
"ethyl-heptadecyl-sulfide"	5.2825	1421.32	205.81	227	468	386.0007
"hexadecyl-propyl-sulfide"	5.2825	1421.32	205.81	227	468	386.0007
"methyl-octadecyl-sulfide"	5.2825	1421.32	205.81	227	468	386.0007
"1-nonadecanethiol"	7.105	2094	124	219	409	371.7168

"1-phenyltetradecane"	7.101	2042	130	205	390	353.8649
"1-eicosyne"	7.5234	2386.3	174	219	431	340.0067
"1-eicosene"	7.0577	1995.3	136	193	378	341.7003
"1-cyclopentylpentadecane"	7.083	2016	128	203	388	351.7503
"1-cyclohexyltetradecane"	7.061	2046	135	203	392	354.4519
"eicosane"	7.1522	2032.7	132.1	198	379	343.7876
"1-eicosanol"	6.872	1699	70.06	219	406	355.628
"butyl-hexadecyl-sulfide"	5.2347	1421.32	205.81	233	484	398.0007
"decyl-sulfide"	5.2347	1421.32	205.81	233	484	398.0007
"ethyl-octadecyl-sulfide"	5.2347	1421.32	205.81	233	484	398.0007
"heptadecyl-propyl-sulfide"	5.2347	1421.32	205.81	233	484	398.0007
"methyl-nonadecyl-sulfide"	5.2347	1421.32	205.81	233	484	398.0007
"1-eicosanethiol"	7.114	2125	119	229	421	382.9859
"decyl-disulfide"	6.972	2019	103.1	235	429	390.3999
"1-phenylpentadecane"	7.114	2067	122	216	403	366.2847
"1-cyclopentylhexadecane"	7.103	2048	121	215	401	364.0567
"1-cyclohexylpentadecane"	7.072	2078	129	213	404	366.8023
"1-phenylhexadecane"	7.14	2095	114	227	415	377.878
"1-cyclohexylhexadecane"	7.074	2099	122	224	416	378.574