

PURE COMPONENT PARAMETERS				
COMPONENT (I)		V(I) (ML/MOL)	R(I)	Q(I)
TETRACHLOROMETHANE	CCL4	97.06	3.3900	2.9100
CHLOROFORM	CHCL3	80.67	2.8700	2.4100
DICHLOROMETHANE	CH2CL2	64.50	2.2564	1.9880
FORMIC ACID	CH2O2	37.91	1.5280	1.5320
NITROMETHANE	CH3NO2	53.96	2.0086	1.8680
CARBON DISULFIDE	CS2	60.65	2.0570	1.6500
TRICHLOROETHYLENE	C2HCL3	90.01	3.3092	2.6600
1,1,1-TRICHLOROETHANE	C2H3CL3	100.36	3.5412	3.0320
ACETONITRILE	C2H3N	52.86	1.8701	1.7240
1,2-DICHLOROETHANE	C2H4CL2	78.87	2.9308	2.5280
ACETALDEHYDE	C2H4O	56.62	1.8991	1.7960
ACETIC ACID	C2H4O2	57.54	2.2024	2.0720
DIMETHYLSULFOXIDE	C2H6OS	71.30	2.8266	2.4720
1,2-ETHANEDIOL	C2H6O2	55.92	2.4088	2.2480
ACRYLONITRILE	C3H3N	66.29	2.3144	2.0520
ACROLEIN	C3H4O	66.84	2.3434	2.1240
ACRYLIC ACID	C3H4O2	68.56	2.6467	2.4000
3-CHLORO-1-PROPENE	C3H5CL	81.62	2.8108	2.4400
EPICHLOROHYDRIN	C3H5CLO	78.41	2.8306	2.2720
ACETONE	C3H6O	74.04	2.5735	2.3360
ALLYL ALCOHOL	C3H6O	68.62	2.5498	2.3000
PROPYLENE OXIDE	C3H6O	70.75	2.2663	1.8560
DIOXOLANE	C3H6O2	69.89	2.5110	2.1000
2,3-EPOXY-1-PROPANOL	C3H6O2	66.33	2.5696	2.1320
ETHYL FORMATE	C3H6O2	80.88	2.8042	2.5760
METHYL ACETATE	C3H6O2	79.84	2.8042	2.5760

COMPONENT (I)		V(I) (ML/MOL)	R(I)	Q(I)
DIETHYLENE GLYCOL	C4H10O3	94.78	4.0013	3.5680
2,2'-DIETHANOLAMINE	C4H11NO2	95.88	4.2902	3.7240
FURFURAL	C5H4O2	83.23	3.1680	2.4840
PYRIDINE	C5H5N	80.86	2.9993	2.1130
FURFURYL ALCOHOL	C5H6O2	87.11	3.3744	2.6600
ISOPRENE	C5H8	100.04	3.3638	3.0120
N-METHYLPYRROLIDONE(2)	C5H9NO	96.44	3.9810	3.2000
2-METHYL-2-BUTENE	C5H10	105.90	3.5919	3.2200
3-METHYL-3-BUTEN-1-OL	C5H10O	101.22	3.8972	3.5000
BUTYL FORMATE	C5H10O2	115.23	4.1530	3.6560
ETHYL PROPIONATE	C5H10O2	115.45	4.1530	3.6560
TETRAHYDROFURFURYL ALCOHOL	C5H10O2	97.53	3.9184	3.2120
ISOBUTYL FORMATE	C5H10O2	115.35	4.1655	3.6520
ISOPROPYL ACETATE	C5H10O2	117.82	4.1522	3.6520
METHYL BUTYRATE	C5H10O2	113.48	4.1530	3.6560
PROPYL ACETATE	C5H10O2	115.66	4.1530	3.6560
1-ICDOPENTANE	C5H11I	130.63	4.8627	4.0000
2-METHYLBUTANE	C5H12	117.38	3.8246	3.3120
PENTANE	C5H12	116.11	3.8254	3.3160
2,2-DIMETHYL-1-PROPANOL	C5H12O	112.58	4.1272	3.6680
2-METHYL-1-BUTANOL	C5H12O	108.13	4.1279	3.5880
3-METHYL-1-BUTANOL	C5H12O	109.22	4.1279	3.5880
METHYL TERT.BUTYL ETHER	C5H12O	119.04	4.0678	3.6320
1-PENTANOL	C5H12O	108.63	4.1287	3.5920
TERT. PENTANOL	C5H12O	109.38	4.1279	3.5880
HEXAFLUOROBENZENE	C6F6	115.80	4.1688	3.1440

COMPONENT (I)		V(I) (ML/MOL)	R(I)	Q(I)
TERN. BUTYLBENZENE	C10H14	154.90	5.9445	4.6640
MENTHONE	C10H18O	172.10	6.8385	5.4880
MENTHOL	C10H20O	173.63	7.0441	5.6600
DECANE	C10H22	195.94	7.1974	6.0160
1-DECANOL	C10H22O	190.78	7.5007	6.2920
2-METHYL NAPHTHALENE	C11H10	143.64	5.7158	4.0080
UNDECANE	C11H24	211.19	7.8718	6.5560
ALPHA ETHYLNAPHTHALENE	C12H12	154.97	6.3902	4.5480
DODECANE	C12H26	228.58	8.5462	7.0960
1-DODECANOL	C12H26O	224.24	8.8495	7.3720
4-DODECANOL	C12H26O	225.73	8.8487	7.3680
6-DODECANOL	C12H26O	227.22	8.8487	7.3680
2-ISOPROPYLNAPHTHALENE	C13H14	174.43	7.0638	5.0840
TRIDECANE	C13H28	243.75	9.2206	7.6360
TETRADECANE	C14H30	260.09	9.8950	8.1760
1-TETRADECANOL	C14H30O	260.32	10.1983	8.4520
PENTADECANE	C15H32	276.41	10.5694	8.7160

COMPONENT (I)		V(I) (ML/MOL)	R(I)	Q(I)
ALPHA-PHENYLETHANOL	C8H10O	120.61	4.8998	3.7920
N,N-DIMETHYLANILINE	C8H11N	126.80	5.1094	3.9200
ETHYL CYCLOHEXANE	C8H16	143.18	5.3944	4.3160
1-OCTENE	C8H16	157.86	5.6185	4.7240
4-OCTENE (CIS)	C8H16	155.60	5.6165	4.7230
4-OCTENE (TRANS)	C8H16	157.13	5.6165	4.7230
BUTYL BUTYRATE	C8H16O2	165.60	6.1762	5.2760
2-ETHYL HEXANOIC ACID	C8H16O2	160.24	6.2480	5.3080
OCTANE	C8H18	163.54	5.8486	4.9360
2,2,4-TRIMETHYLPENTANE	C8H18	166.08	5.8463	5.0080
DIISOBUTYLETHER	C8H18O	171.00	6.0909	5.1680
2-ETHYL-1-HEXANOL	C8H18O	156.38	6.1511	5.2080
3-METHYL-3-HEPTANOL	C8H18O	157.04	6.1511	5.2080
1-OCTANOL	C8H18O	158.41	6.1519	5.2120
DI-TERT. BUTYL PEROXIDE	C8H18O2	184.40	6.3334	5.5680
QUINOLINE	C9H7N	118.18	4.7923	3.1530
BENZYL ACETATE	C9H10O2	142.82	5.5992	4.3880
ISOPROPYLBENZENE	C9H12	140.17	5.2708	4.0440
1,2,4-TRIMETHYLBENZENE	C9H12	137.25	5.3928	4.1040
1,3,5-TRIMETHYLBENZENE	C9H12	138.93	5.3928	4.1040
NONANE	C9H20	178.64	6.5230	5.4760
NAPHTHALENE	C10H8	125.01	4.9808	3.4400
ALPHA-NAPHTHOL	C10H8O	131.20	5.3447	3.7200
ALPHA-TETRALON	C10H10O	133.05	5.6501	4.1000
ETHYLSTYRENE	C10H12	147.97	5.7140	4.3870
1,2,3,4-TETRAHYDRONAPHTHALENE	C10H12	136.84	5.5532	4.0000

TRIETHYLAMINE
HEXAMETHYL DISILOXANE

C₆H₁₈OSi₂ 212.70 7.6347 7.1520

COMPONENT (I)		V(I) (ML/MOL)	R(I)	Q(I)
BENZONITRILE	C ₇ H ₅ N	103.07	3.9900	3.0100
BENZOTHIADOLE	C ₇ H ₅ NS	109.16	4.4796	2.8730
TOLUENE	C ₇ H ₈	106.85	3.9228	2.9680
ANISOLE	C ₇ H ₈ O	109.31	4.1667	3.2080
BENZYL ALCOHOL	C ₇ H ₈ O	103.85	4.2260	3.2560
2-METHYLPHENOL	C ₇ H ₈ O	105.19	4.2867	3.2480
3-METHYLPHENOL	C ₇ H ₈ O	104.97	4.2867	3.2480
4-METHYLPHENOL	C ₇ H ₈ O	106.12	4.2867	3.2480
2,6-DIMETHYLPYRIDINE	C ₇ H ₉ N	116.48	4.4693	3.2490
N-METHYLANILINE	C ₇ H ₉ N	110.19	4.4555	3.3640
CYCLOHEPTANE	C ₇ H ₁₄	121.22	4.7208	3.7800
CYCLOHEPTANOL	C ₇ H ₁₄ O	119.52	5.0233	4.0520
ISOPENTYL ACETATE	C ₇ H ₁₄ O ₂	150.27	5.5010	4.7320
HEPTANE	C ₇ H ₁₆	147.47	5.1742	4.3960
3-ETHYL-3-PENTANOL	C ₇ H ₁₆ O	138.35	5.4760	4.7480
2,3,3-TRIMETHYL-2-BUTANOL	C ₇ H ₁₆ O	138.02	5.4745	4.8240
STYRENE	C ₈ H ₈	115.57	4.3671	3.2960
ACETOPHENONE	C ₈ H ₈ O	117.36	4.6941	3.6080
ETHYLBENZENE	C ₈ H ₁₀	123.08	4.5972	3.5080
M-XYLENE	C ₈ H ₁₀	123.47	4.6578	3.5360
O-XYLENE	C ₈ H ₁₀	121.20	4.6578	3.5360
P-XYLENE	C ₈ H ₁₀	123.93	4.6578	3.5360
2,4-DIMETHYLPHENOL	C ₈ H ₁₀ O	126.60	5.0217	3.8160
2,6-DIMETHYLPHENOL	C ₈ H ₁₀ O	121.45	5.0217	3.8160
3,4-DIMETHYLPHENOL	C ₈ H ₁₀ O	124.27	5.0217	3.8160
3,5-DIMETHYLPHENOL	C ₈ H ₁₀ O	126.21	5.0217	3.8160

COMPONENT (I)		V(I) (ML/MOL)	R(I)	Q(I)
BROMOBENZENE	C6H5BR	105.51	4.0200	2.9800
CHLOROBENZENE	C6H5CL	102.24	3.8127	2.8440
NITROBENZENE	C6H5NO2	102.74	4.0764	3.1040
BENZENE	C6H6	89.41	3.1878	2.4000
PHENOL	C6H6O	83.14	3.5517	2.6800
ANILINE	C6H7N	91.53	3.7165	2.8160
CYCLOHEXANONE	C6H10O	104.18	4.1433	3.3400
METHYLOXIDE	C6H10O	114.23	4.3632	3.8600
CYCLOHEXANE	C6H12	108.75	4.0464	3.2400
1-HEXENE	C6H12	125.89	4.2697	3.6440
CYCLOHEXANOL	C6H12O	104.07	4.3489	3.5120
4-METHYL-2-PENTANONE	C6H12O	125.81	4.5959	3.9520
BUTYL ACETATE	C6H12O2	132.54	4.8274	4.1960
SEC-BUTYL ACETATE	C6H12O2	132.63	4.8266	4.1920
TERT.-BUTYL ACETATE	C6H12O2	134.06	4.8259	4.2720
DIACETONE ALCOHOL	C6H12O2	124.82	4.8985	4.3080
4,4-DIMETHYL-1,3-DIOXANE	C6H12O2	120.60	4.5327	3.7960
ISOBUTYL ACETATE	C6H12O2	133.59	4.8266	4.1920
CYCLOHEXYLAMINE	C6H13N	115.02	4.5137	3.6240
HEXANE	C6H14	131.61	4.4998	3.8560
1-HEXANOL	C6H14O	125.24	4.8031	4.1320
2-BUTOXY-ETHANOL	C6H14O2	131.85	5.0470	4.3720
2-METHYLPENTAN-2,4-DIOL	C6H14O2	128.18	5.1042	4.4960
DIISOPROPYLAMINE	C6H15N	142.52	5.0308	4.2440
TRIETHYLAMINE	C6H15N	139.96	5.0118	4.2560
HEXAMETHYL DISILOXANE	C6H18OSi2	212.70	7.6347	7.1520

COMPONENT (I)		V(I) (ML/MOL)	R(I)	Q(I)
PROPIONIC ACID	C3H6O2	74.98	2.8768	2.6120
PROPYL BROMIDE	C3H7Br	90.86	3.1991	2.7600
N,N-DIMETHYLFORMAMIDE	C3H7NO	77.44	3.0856	2.7360
2-PROPANOL	C3H8O	76.92	2.7791	2.5080
DIMETHOXYMETHANE	C3H8O2	89.13	2.9644	2.7160
2-METHOXY-ETHANOL	C3H8O2	79.25	3.0238	2.7520
1,2-PROPANEDIOL	C3H8O2	73.68	3.2824	2.7840
THIOPHENE	C4H4S	78.47	2.8569	2.1400
CROTON ALDEHYDE	C4H6O	82.89	3.0158	2.6630
METHACRYLIC ACID	C4H6O2	84.79	3.3197	3.0600
2-BUTANONE	C4H8O	90.17	3.2479	2.8760
1-BUTEN-3-OL	C4H8O	85.71	3.2234	2.8360
ISOBUTYR ALDEHYDE	C4H8O	91.39	3.2471	2.8720
TETRAHYDROFURAN	C4H8O	81.55	2.9415	2.7200
TETRAMETHYLENE SULFOXIDE	C4H8OS	89.96	3.7220	2.9360
ETHYL ACETATE	C4H8O2	98.49	3.4786	3.1160
METHYL PROPIONATE	C4H8O2	96.28	3.4786	3.1160
BUTANE	C4H10	100.38	3.1510	2.7760
1-BUTANOL	C4H10O	91.96	3.4543	3.0520
2-BUTANOL	C4H10O	92.35	3.4535	3.0480
TERT-BUTANOL	C4H10O	94.88	3.4528	3.1280
2-METHYL-1-PROPANOL	C4H10O	92.91	3.4535	3.0480
1,4'-BUTANEDIOL	C4H10O2	88.35	3.7576	3.3280
1,2-DIMETHOXYETHANE	C4H10O2	104.44	3.6388	3.2560
2-ETHOXYETHANOL	C4H10O2	96.93	3.6982	3.2920
TERT-BUTYLHYDROPEROXIDE	C4H10O2	100.58	3.6974	3.2880

COMPONENT (I)		V(I) (ML/MOL)	R(I)	Q(I)
DIETHYLENE GLYCOL	C4H10O3	94.78	4.0013	3.5680
2,2'-DIETHANOLAMINE	C4H11NO2	95.88	4.2902	3.7240
FURFURAL	C5H4O2	83.23	3.1680	2.4840
PYRIDINE	C5H5N	80.86	2.9993	2.1130
FURFURYL ALCOHOL	C5H6O2	87.11	3.3744	2.6600
ISOPRENE	C5H8	100.04	3.3638	3.0120
N-METHYLPYRROLIDONE(2)	C5H9NO	96.44	3.9810	3.2000
2-METHYL-2-BUTENE	C5H10	105.90	3.5919	3.2200
3-METHYL-3-BUTEN-1-OL	C5H10O	101.22	3.8972	3.5000
BUTYL FORMATE	C5H10O2	115.23	4.1530	3.6560
ETHYL PROPIONATE	C5H10O2	115.45	4.1530	3.6560
TETRAHYDROFURFURYL ALCOHOL	C5H10O2	97.53	3.9184	3.2120
ISOBUTYL FORMATE	C5H10O2	115.35	4.1655	3.6520
ISOPROPYL ACETATE	C5H10O2	117.82	4.1522	3.6520
METHYL BUTYRATE	C5H10O2	113.48	4.1530	3.6560
PROPYL ACETATE	C5H10O2	115.66	4.1530	3.6560
1-IOOOPENTANE	C5H11I	130.63	4.8627	4.0000
2-METHYLBUTANE	C5H12	117.38	3.8246	3.3120
PENTANE	C5H12	116.11	3.8254	3.3160
2,2-DIMETHYL-1-PROPANOL	C5H12O	112.58	4.1272	3.6680
2-METHYL-1-BUTANOL	C5H12O	108.13	4.1279	3.5880
3-METHYL-1-BUTANOL	C5H12O	109.22	4.1279	3.5880
METHYL TERT.BUTYL ETHER	C5H12O	119.04	4.0678	3.6320
1-PENTANOL	C5H12O	108.63	4.1287	3.5920
TERT. PENTANOL	C5H12O	109.38	4.1279	3.5880
HEXAFLUOROBENZENE	C6F6	115.80	4.1688	3.1440