

COMPONENT (1)		V (1) (ML/MGL)	R (1)	Q (1)
ETHANETHIOL	C2H4S	72.05	2.5521	2.2160
ACRYLONITRILE	C3H3N	66.29	2.3144	2.0520
ACROLEIN	C3H4O	66.84	2.3434	2.1240
EPICHLOROHYDRIN	C3H5ClO	78.41	2.8396	2.2720
1,2-DICHLOROPROPANE	C3H4Cl2	97.74	3.6045	3.0640
ACETONE	C3H6O	74.04	2.5735	2.3360
PROFIONIC ALDEHYDE	C3H6O	73.41	2.5735	2.3360
PROPYLENE OXIDE	C3H6O	70.75	2.2663	1.8560
DIOXOLANE	C3H6O2	69.89	2.5110	2.1000
ETHYL FORMATE	C3H6O2	80.88	2.8042	2.5760
METHYL ACETATE	C3H6O2	79.84	2.8042	2.5760
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
1-PROPANOL	C3H8O	75.15	2.7799	2.5120
DIMETHOXYMETHANE	C3H8O2	89.13	2.9644	2.7160
THIOPHENE	C4H4S	79.47	2.8569	2.1400
2-CHLORO-1,3-BUTADIENE	C4H5Cl	92.39	3.2696	2.8920
1,3-DICHLORO-2-BUTENE	C4H6Cl2	107.71	4.0369	3.5120
CROTON ALDEHYDE	C4H6O	82.89	3.0158	2.6630
METHYL VINYL KETONE	C4H6O	81.16	3.0178	2.6640
2,3-BUTANEDIONE	C4H6O2	87.78	3.3448	2.9760
2-BUTYNE-1,4-DIOL	C4H6O2	75.43	3.4701	3.0320
GAMMA-BUTYROLACTONE	C4H6O2	76.28	3.0252	2.5000
METHACRYLIC ACID	C4H6O2	84.79	3.3197	3.0600
VINYL ACETATE	C4H6O2	93.10	3.2485	2.9040
ACETIC ANHYDRIDE	C4H6O3	94.96	3.5755	3.2160

COMPONENT (I)		V(I) (ML/MOL)	R(I)	Q(I)
PYRROLIDONE-2	C4H7NO	75.99	3.3271	2.6560
2-BUTENE (CIS)	C4H8	90.35	2.9189	2.5630
2-BUTANONE	C4H8O	90.17	3.2479	2.8760
BUTYRALDEHYDE	C4H8O	88.27	3.2479	2.8760
ISOBUTYR ALDEHYDE	C4H8O	91.39	3.2471	2.8720
TETRAHYDROFURAN	C4H8O	81.55	2.9415	2.7200
1,4-DIOXANE	C4H8O2	85.71	3.1854	2.6400
ETHYL ACETATE	C4H8O2	98.49	3.4786	3.1160
BUTYL CHLORIDE	C4H9CL	105.09	3.7153	3.1920
SEC-BUTYL CHLORIDE	C4H9CL	103.43	3.7146	3.1880
METHYL ETHYL KETOXIME	C4H9NO	60.37	3.9756	3.6960
N,N-DIMETHYLACETAMIDE	C4H9NO	93.02	3.5332	2.9680
BUTANE	C4H10	100.38	3.1510	2.7760
DIETHYL ETHER	C4H10O	104.75	3.3949	3.0160
2-METHYL-1-PROPANOL	C4H10O	92.91	3.4535	3.0480
DIETHYLAMINE	C4H11N	104.25	3.6836	3.1720
FURFURAL	C5H4O2	83.23	3.1680	2.4840
PYRIDINE	C5H5N	80.86	2.9993	2.1130
ISOPRENE	C5H8	100.04	3.3638	3.0120
TRANS-1,3-PENTADIENE	C5H8	100.78	3.3632	2.8910
CYCLOPENTANONE	C5H8O	88.67	3.4689	2.8000
ALLYLACETATE	C5H8O2	107.92	3.9229	3.4440
ISOPROPENYL ACETATE	C5H8O2	110.14	3.9215	3.5640
METHYL METHACRYLATE	C5H8O2	106.78	3.9215	3.5640
2,4-PENTANEDIONE	C5H8O2	103.00	4.0192	3.5160
N-METHYLPYRROLIDONE(2)	C5H9NO	96.44	3.9810	3.2000
1-PENTENE	C5H10	110.39	3.5953	3.1040

COMPONENT (I)		V(I) (ML/MOL)	R(I)	Q(I)
1-HEXENE	C6H12	125.89	4.2697	3.6440
2-METHYL-2-PENTENE	C6H12	122.63	4.2663	3.7600
ETHYL ISOPROPYL KETONE	C6H12O	123.05	4.5959	3.9520
4-METHYL-2-PENTANONE	C6H12O	125.81	4.5959	3.9520
BUTYL ACETATE	C6H12O2	132.54	4.8274	4.1960
PROPYL PROPIONATE	C6H12O2	131.85	4.8274	4.1960
HEXANE	C6H14	131.61	4.4998	3.8560
DIISOPROPYL ETHER	C6H14O	142.29	4.7421	4.0880
TRIETHYLAMINE	C6H15N	139.96	5.0118	4.2560
BENZALDEHYDE	C7H6O	101.15	4.0198	3.0800
TOLUENE	C7H8	106.85	3.9228	2.9680
ANISOLE	C7H8O	109.31	4.1667	3.2080
N-METHYL-6-CAPROLACTAM	C7H13NO	127.57	5.3298	4.2800
1-HEPTENE	C7H14	140.27	4.9441	4.1840
METHYLCYCLOHEXANE	C7H14	128.34	4.7200	3.7760
2-HEPTANONE	C7H14O	140.78	5.2711	4.4960
3-HEPTANONE	C7H14O	139.55	5.2711	4.4960
4-HEPTANONE	C7H14O	138.97	5.2711	4.4960
HEPTANE	C7H16	147.46	5.1742	4.3960
STYRENE	C8H8	115.57	4.3671	3.2960
ACETOPHENONE	C8H8O	117.36	4.6941	3.6080
ANISALDEHYDE	C8H8O2	121.60	4.9986	3.8760
ETHYLBENZENE	C8H10	123.08	4.5972	3.5080
M-XYLENE	C8H10	123.47	4.6578	3.5360
O-XYLENE	C8H10	121.20	4.6578	3.5360
P-XYLENE	C8H10	123.93	4.6578	3.5360
1,7-OCTADIENE	C8H14	150.55	5.3884	4.5120

COMPONENT (I)		V(I) (ML/MOL)	R(I)	Q(I)
1,2-EPOXY-7-OCTENE	C8H14O	147.78	4.7338	3.8040
6-METHYL-5-HEPTENE-2-ONE	C8H14O	147.67	5.7120	4.9400
1-OCTENE	C8H16	157.86	5.6185	4.7240
2,4,4-TRIMETHYL-1-PENTENE	C8H16	155.96	5.6156	4.9200
2,4,4-TRIMETHYL-2-PENTENE	C8H16	156.95	5.6136	4.9160
OCTANE	C8H18	163.54	5.8486	4.9360
2,2,4-TRIMETHYLPENTANE	C8H18	166.08	5.8463	5.0080
DIBUTYL ETHER	C8H18O	170.44	6.0925	5.1760
DI-TERT-BUTYLPEROXIDE	C8H18O2	184.40	6.3334	5.5680
ALPHA-METHYL STYRENE	C9H10	129.27	5.0402	3.9680
P-METHYL ACETOPHENONE	C9H10O	133.58	5.5952	4.4560
BENZYL ACETATE	C9H10O2	142.82	5.5992	4.3880
METHYL ANISATE	C9H10O3	142.40	6.2817	4.9760
ISOPROPYLBENZENE	C9H12	140.17	5.2708	4.0440
PROPYLBENZENE	C9H12	139.44	5.2716	4.0480
3-BUTYL CYCLOPENTENE	C9H16	155.53	5.8367	4.6430
DIISOBUTYL KETONE	C9H18O	179.82	6.6183	5.5680
5-NONANONE	C9H18O	173.10	6.6199	5.5760
NONANE	C9H20	178.64	6.5230	5.4760
NAPHTHALENE	C10H8	125.01	4.9808	3.4400
ALPHA-TETRALONE	C10H10O	133.05	5.6501	4.1000
1,2,3,4-TETRAHYDRONAPHTHALENE	C10H12	136.84	5.5532	4.0000
BUTYLBENZENE	C10H14	155.20	5.9460	4.5880
P-ISOPROPYL TOLUENE	C10H14	156.49	6.0058	4.6120
SEC-BUTYLCYCLOHEXANE	C10H20	172.51	6.7424	5.3920
1-DECENE	C10H20	190.35	6.9673	5.8040
DECANE	C10H22	195.94	7.1974	6.0160

COMPONENT (I)		V(I) (ML/MOL)	R(I)	Q(I)
2,7-DIMETHYLOCTANE				
DODECANE	C10H22	196.53	7.1958	6.0080
DIPHENYLMETHANE	C12H26	228.58	8.5462	7.0960
BENZYL BENZOATE	C13H12	167.24	6.7178	4.7800
HEXADECANE	C14H12O2	190.86	7.7018	5.6600
OLEIC ACID	C16H34	292.84	11.2438	9.2560
OCTADECANE	C18H34O2	318.46	12.7607	10.4990
	C18H38	327.63	12.5926	10.3360

COMPONENT (I)		V(I) (ML/MOL)	R(I)	Q(I)
WATER	H2O	18.07	0.9200	1.4000
TETRACHLOROMETHANE	CCL4	97.08	3.3900	2.9100
CHLOROFORM	CHCL3	80.67	2.8700	2.4100
HYDROGEN CYANIDE	CHN	39.31	1.1957	1.1840
DICHLOROMETHANE	CH2CL2	64.50	2.2564	1.9880
FORMIC ACID	CH2O2	37.91	1.5280	1.5320
METHYL IODIDE	CH3I	62.67	2.1654	1.8400
FORMAMIDE	CH3NO	39.74	1.6928	1.6440
NITROMETHANE	CH3NO2	53.96	2.0086	1.8680
METHANOL	CH4O	40.73	1.4311	1.4320
METHANETHIOL	CH4S	55.52	1.8770	1.6760
CARBON DISULFIDE	CS2	60.65	2.0570	1.6500
1,1,2-TRICHLORO-1,2,2-TRIFLUORO ETHANE	C2CL3F3	119.85	4.0462	3.5640
TETRACHLOROETHYLENE	C2CL4	102.71	3.8879	3.4000
TRICHLOROETHYLENE	C2HCL3	90.01	3.3092	2.8600
CHLORAL	C2HCL3O	97.88	3.6381	3.1320
VINYL CHLORIDE	C2H3CL	68.64	2.1114	1.8960
ACETONITRILE	C2H3N	52.86	1.8701	1.7240
1,1-DICHLOROETHANE	C2H4CL2	84.73	2.9617	2.5320
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
METHYL FORMATE	C2H4O2	62.11	2.1298	2.0360
ETHYL BROMIDE	C2H5BR	75.13	2.5200	2.2200
N-METHYLFORMAMIDE	C2H5NO	59.14	2.4317	2.1920
ETHANOL	C2H6O	58.69	2.1055	1.9720
DIMETHYLSULFOXIDE	C2H6OS	71.30	2.8266	2.4720

COMPONENT (I)		V(I) (ML/MOL)	R(I)	Q(I)
2,2-DIMETHYLPROPIONALDEHYDE	C5H10O	108.71	3.9208	3.4920
3-METHYL-2-BUTENE-1-OL	C5H10O	100.15	4.3652	4.1120
METHYLISOPROPYL KETONE	C5H10O	107.26	3.9215	3.4120
2-PENTANONE	C5H10O	106.49	3.9223	3.4160
3-PENTANONE	C5H10O	106.41	3.9223	3.4160
VALERALDEHYDE	C5H10O	106.41	3.9223	3.4160
ISOBUTYL FORMATE	C5H10O2	115.35	4.1655	3.6520
PROPYL ACETATE	C5H10O2	115.66	4.1530	3.6560
DIETHYLFORMAMIDE	C5H11NO	111.40	3.7600	3.2760
2-METHYLBUTANE	C5H12	117.39	3.8246	3.3120
PENTANE	C5H12	116.11	3.8254	3.3160
METHYL TERT-BUTYL ETHER	C5H12O	119.04	4.0678	3.6320
2,2-DIMETHOXYPROPANE	C5H12O2	123.99	3.8720	4.3117
O-DICHLOROBENZENE	C6H4CL2	112.67	4.4376	3.2880
P-DICHLOROBENZENE	C6H4CL2	117.84	4.4376	3.2880
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
1,4-CYCLOHEXADIENE	C6H8	94.61	3.5822	2.8140
CYCLOHEXENE	C6H10	101.91	3.8143	3.0270
1-HEXYNE	C6H10	114.21	4.2163	3.5560
CYCLOHEXANONE	C6H10O	104.18	4.1433	3.3400
MESITYLOXIDE	C6H10O	114.23	4.3632	3.8600
CYCLOHEXANE	C6H12	108.75	4.0464	3.2400