

Table 2.2. Acentric factors [54].

Component	ω	Component	ω
Argon	0.001	Nitromethane	0.310
Chlorine	0.090	Methane	0.022
Sulfur hexafluoride	0.286	Methanol	0.556
Hydrogen chloride	0.133	Methyl amine	0.292
Hydrogen	-0.216	Acetylene	0.190
Water	0.344	Vinyl chloride	0.122
Hydrogen sulfide	0.097	Acetonitrile	0.327
Ammonia	0.250	Ethylene	0.089
Krypton	0.005	Acetaldehyde	0.303
Nitric oxide (NO)	0.588	Ethane	0.099
Nitrogen dioxide (NO ₂)	0.834	Ethanol	0.644
Nitrogen	0.039	Ethyl amine	0.289
Nitrous oxide (N ₂ O)	0.165	Propadiene	0.313
Neon	-0.029	Propylene	0.144
Oxygen	0.025	Acetone	0.304
Sulfur dioxide	0.256	Propane	0.153
Xenon	0.008	Isopropyl alcohol	0.665
Carbon monoxide	0.066	n-Butane	0.199
Carbonyl sulfide	0.105	n-Butanol	0.593
Carbon dioxide	0.239	2-Butanol	0.577
Dichloromethane	0.199	Benzene	0.212