

Chemical name	Formula	CAS number	Ionisation energy, eV	Gas response factor 10.6 eV
Acetaldehyde	C2H4O	75-07-0	10.23	3.4
Acetamide	C2H5NO	60-35-5	9.69	2
Acetic acid	C2H4O2	64-17-7	10.66	36.2
Acetic anhydride	C4H6O3	108-24-7	10.14	4
Acetoin	C4H8O2	513-86-0	~9.8	1
Acetone	C3H6O	67-64-1	9.69	0.7
Acetophenone	C8H8O	98-86-2	9.29	0.6
Acetyl bromide	C2H3BrO	506-96-7	10.24	3
Acetylglycine, N-	C4H76NO3	543-24-8	9.4	2
Acrolein	C3H4O	107-02-8	10.22	3.2
Acrylic Acid	C3H4O2	79-10-7	10.6	2.7
Alkanes, n-, C6+	N/A	N/A	~10	1
Allyl alcohol	C3H6O	107-18-6	9.63	2.1
Allyl bromide	C3H5Br	106-95-6	~10	3
Allyl chloride	C3H5Cl	107-05-1	10.05	4.5
Allyl glycidyl ether	C6H10O2	106-92-3	~10	0.8
Allyl propyl disulfide	C6H12S2	2179-59-1	~8.5	0.4
Ammonia	NH3	7664-41-7	10.18	8.5
Amyl acetate	C7H14O2	628-63-7	9.9	1.8
amyl acetate, sec-	C9H14O2	626-38-0	~9.9	2
Amyl alcohol	C5H12O	71-41-0	10	3.5
Amyl alcohol, tert-	C5H12O	75-85-4	9.8	1.5
Amyl methyl ether, tert-	C6H14O	994-05-8	~9	0.8
Anethole	C10H12O	104-46-1	~9	0.4
Aniline	C6H7N	62-53-3	7.7	0.48
Anisole	C7H8O	100-66-3	8.21	0.5
Anisyl aldehyde	C8H8O2	123-11-5	~9	0.4
Arsine	AsH3	7784-42-1	9.89	2.5
Asphalt, petroleum fumes	N/A	8052-42-4	~9	1
Benzaldehyde	C7H6O	100-52-7	9.49	0.9
Benzene	C6H6	71-43-2	9.24	0.46
Benzene thiol	C6H5SH	108-98-5	8.32	0.7
Benzoic acid	C7H6O2	65-85-0	9.3	0.7
Benzonitrile	C7H5N	100-47-0	9.62	0.7
benzoquinone, o-	C6H4O2	583-63-1	9.3	1
benzoquinone, p-	C6H4O2	106-51-4	10	1
benzoyl bromide	C7H6BrO	618-32-6	9.65	2
Benzyl 2-phenylacetate	C15H14O2	102-16-9	~9	0.5
Benzyl acetate	C9H10O2	140-11-4	~9	0.6
Benzyl alcohol	C7H8O	100-51-6	8.26	1.3
Benzyl chloride	C7H7Cl	100-44-7	9.14	0.48
Benzyl formate	C8H8O2	104-57-4	9.32	0.8
Benzyl isobutyrate	C11H14O2	103-28-6	~9	0.5
benzyl nitrile	C8H7N	140-29-4	9.39	1
Benzyl propionate	C10H12O2	122-63-4	~9	0.5
Benzylamine	C9H8N	100-46-9	7.56	0.6

Biphenyl	C12H10	92-52-4	8.23	0.4
Borneol	C10H18O	507-70-0	~9	0.8
Bromine	Br2	7726-95-6	10.55	15
Bromo-2,2-dimethylpropane, 1-	C5H11Br	630-17-1	10.04	2
Bromo-2-chloroethane, 1-	C2H4Cl	107-04-0	10.57	8
Bromo-2-methylpentane, 1-	C6H13Br	25346-33-2	10.09	2
Bromoacetone	C3H5BrO	598-31-2	9.73	1
Bromoacetylene	C2HBr	593-61-3	10.31	4
Bromobenzene	C6H5Br	108-86-1	8.98	0.3
Bromobutane, 1-	C4H9Br	105-65-9	10.13	1
Bromobutane, 2-	C4H9Br	78-76-2	10.01	1.5
Bromocyclohexane	C6H11Br	108-85-0	9.87	3
Bromoethane	C2H5Br	74-96-4	10.29	5
Bromoethanol, 2-	C2H4BrO	540-51-2	10	2
Bromoethyl methyl ether, 2-	C3H7OBr	6482-24-2	10	2.5
Bromoform	CHBr3	75-25-2	10.48	2.8
Bromopentane, 1-	C5H11Br	203-776-0	10.1	2
Bromopropane, 1-	C3H7Br	106-94-5	10.18	1.3
bromopyridine, 3-	C5H4BrN	636-55-1	9.75	2
bromopyridine, 4-	C5H4BrN	1120-87-2	9.94	2
Bromotrimethylsilane	C3H9BrSi	2857-97-8	10	2
But-2-ynal	C4H4O	1119-19-3	10.2	3
But-3-ynal	C4H4O	52844-23-2	9.85	1.5
Butadiene diepoxide, 1,3-	C4H6O2	1464-53-5	10	4
Butadiene, 1,3-	C4H6	106-99-0	9.07	0.8
Butane, n-	C4H10	106-97-8	10.63	44
Butanedione, 2,3-	C4H6O2	431-03-8	9.56	0.4
Butanoic acid	C4H8O2	107-92-6	10.17	5
Butanol, 1-	C4H10O	71-36-3	10.04	4
Buten-3-ol, 1-	C4H8O	598-32-3	9.5	1.2
Butene, 1-	C4H8	106-98-9	9.58	1.5
Butene, 2-	C4H8	107-07-7	9.1	1.3
Butene, cis-2-	C4H8	590-18-1	9.13	1.3
Butene, trans-2-	C4H8	624-64-6	9.13	1.3
butenoic acid, 3-	C4H6O2	107-93-7	9.75	2
Butoxyethanol, 2-	C6H14O2	111-76-2	8.68	1.1
Butoxyethyl acetate, 2-	C8H16O3	76-22-2	8.68	1
Butoxyethylacetate, 2-	C8H16O3	112-07-2	~9.8	3
Butyl acetate	C6H12O2	123-86-4	9.91	2.4
Butyl acetate, sec-	C6H12O2	105-46-4	9.91	2.4
Butyl acetate, tert-	C6H12O2	540-88-5	~9.7	2
Butyl acrylate	C7H12O2	141-32-2	~9.6	1.5
Butyl alcohol, sec-	C4H10O	78-92-2	10.1	3
Butyl benzene, tert-	C10H16	35952	8.69	0.4
Butyl butyrate	C8H16O2	109-21-7	~9.7	1.8
Butyl chloroformate	C5H9O2Cl	592-34-7	~10.4	3.2
Butyl cyclohexan-1-ol, 4- tert-	C10H20O	98-52-2	~8.8	1.4
Butyl cyclohexyl acetate, 2- tert-	C12H22O2	88-41-5	~10	0.8
Butyl ether, n-	C8H18O	142-96-1	9.28	0.7
Butyl glycidyl ether	C7H14O2	192337	~10	2

Butyl iodide	C4H9I	542-69-8	9.23	1
Butyl isocyanate	C5H9NO	111-36-4	10.14	2.5
Butyl lactate	C7H14O3	138-22-7	9.8	2.5
Butyl mercaptan	C4H10S	109-79-5	9.15	0.5
butyl mercaptan, tert-	C4H9S	75-66-1	9.03	0.4
Butyl methacrylate	C8H14O2	97-88-1	~9.5	1
Butyl propionate, n-	C7H14O2	590-02-1	~9.7	1.8
Butylamine, n-	C4H11N	109-73-9	8.71	1
Butylamine, sec-	C4H11N	513-49-5	8.7	0.9
Butylamine, tert-	C4H11N	75-64-9	8.64	0.9
Butylene carbonate, 1,2-	C5H8O3	224-651-7	~10.4	2
Butylphenol, o-sec-	C10H14O	89-72-5	7.8	0.9
Butyn-1-ol, 2-	C4H6O	764-01-2	9.78	1.5
Butyn-2-one	C4H4O	1423-60-5	10.17	3
Butyraldehyde	C4H8O	123-72-8	9.86	1.6
Butyrolactone, gamma-	C4H6O2	96-48-0	10.26	15
Butyryl chloride	C4H9OCl	141-75-3	~10.4	3
Camphene	C10H16	565-00-4	8.86	0.5
Camphor	C10H16O	76-22-2	8.76	0.4
Carbon disulfide	CS2	75-15-0	10.08	1.4
carbon suboxide	C3O2	504-64-3	10.6	10
Carbon tetrabromide	CBr4	558-13-4	10.31	3
Carene	C10H16	13466-78-9	8.4	0.5
Carvone, R-	C10H14O	6485-40-1	9.77	1
Caryophyllene	C15H24	13877-93-5	~9	0.4
Chlorine dioxide	ClO2	10049-04-4	10.36	1
chloro-1,1-difluoroethene, 2-	C2H3ClF2	359-10-4	9.8	1.5
chloro-2-propanone, 1-	C3H5ClO	28615	9.92	1
Chloroacetaldehyde	C2H3OCl	107-20-0	10.16	3
Chlorobenzene	C6H5Cl	108-90-7	9.07	0.36
Chlorobutane, 1-	C4H9Cl	109-69-6	10.64	10
Chlorobutane, 2-	C4H9Cl	78-86-4	10.57	8
Chlorocyclohexane	C6H11Cl	542-18-7	10.1	4
Chloroethanol, 2-	C2H5ClO	107-07-3	10.5	10
Chloroethyl methyl ether, 2-	C3H7ClO	627-42-9	10.25	2.6
Chloromethoxyethane	C3H7ClO	3188-13-4	10.3	4
Chloromide	NH2Cl	10599-90-3	9.85	2
Chloroprene	C4H5Cl	126-99-8	8.79	1.3
chloropyridine, 2-	C5H4ClN	109-09-1	9	1
Chlorostyrene, o-	C8H7Cl	2039-87-4	~8.5	0.4
Chlorotoluene, m-	C7H7Cl	108-41-8	8.7	0.5
Chlorotoluene, o-	C7H7Cl	95-49-8	8.83	0.5
Chlorotoluene, p-	C7H7Cl	108-41-8	8.69	0.39
Chlorotrifluoroethylene	C2ClF3	79-38-9	9.81	1
Cinnamic acetate	C11H12O2	21040-45-9	~9	0.4
Cinnamic alcohol	C9H10O	203-212-3	8.1	0.4
Cinnamic aldehyde	C8H8O	104-55-2	~9	0.4
Citral	C10H16O	5392-40-5	~8.7	1
Citronellal	C10H18O	106-23-0	~9	0.9
Citronellol	C10H20O	26489-01-0	~8.5	1

Citronellol acetate	C12H22O2	150-84-5	~9	1.5
Citronellol formate	C11H20O2	105-85-1	~9	1.5
Citronellyl isobutyrate	C14H26O2	97-89-2	~9	0.9
Coumarin	C9H6O2	91-64-5	~9	0.4
Cresol, m-	C7H8O	108-39-4	8.97	2.2
Cresol, o-	C7H8O	95-48-7	8.97	1.1
Cresol, p-	C7H8O	106-44-5	8.97	1.1
Cresyl acetate, p-	C9H10O	140-39-6	8.6	1
Cresyl ethyl ether, p-	C9H12O	622-60-6	~9	0.8
Cresyl methyl ether	C8H10O	104-93-8	~9	0.8
Crotonaldehyde	C4H6O	4170-30-3	9.73	1
Cumene	C9H12	98-82-8	8.75	0.32
cycloalkanes	N/A	N/A	~10	1.5
cyclobutanone	C6H6O	214-745-6	9.35	1.2
cyclobutene	C4H6	833-35-5	9.43	3
Cycloheptane	C7H14	291-64-5	9.82	1.1
cyclohex-2-enedione, 1,4-	C6H6O2	4505-38-8	9.77	1
Cyclohexane	C6H12	110-82-7	9.98	1.2
Cyclohexanol	C6H12O	108-93-0	10	2.9
Cyclohexanone	C6H10O	108-94-1	9.16	1.1
cyclohexanthiol	C6H14S	1569-69-3	~9	0.5
Cyclohexene	C6H10	110-83-8	8.95	0.8
Cyclohexyl acetate	C8H14O2	622-45-7	~9.5	1.2
Cyclohexylamine	C6H13N	108-91-8	8.37	1
cyclooctadiene	C8H12	29965-97-7	~9.5	1
cyclopentadiene	C5H6	542-92-7	8.56	0.8
Cyclopentane	C5H10	287-92-3	10.52	4
cyclopentanone	C5H8O	120-92-3	9.26	0.7
Cyclopentene	C5H8	142-29-0	9.01	1.5
cyclopentene-1,3-dione, 4-	C5H4O2	930-60-9	9.6	1
Cymene, p-	C10H14	99-87-6	8.29	0.35
Decahydronaphthalene	C10H18	91-17-8	9.14	0.9
Decanal	C10H20O	112-31-2	~9	0.9
Decane	C10H24	124-18-5	9.65	0.9
Decyne, 1-	C10H18	764-93-2	9.91	1.3
Diacetone alcohol	C6H12O2	123-42-2	~9.6	0.8
Diazine, 1,2-	C4H4N2	289-80-5	9.65	3
Diazine, 1,3-	C4H4N2	289-95-2	9.33	3
Dibromoacetylene	C2Br2	623-61-3	9.65	1.5
Dibromochloromethane	CHBr2Cl	124-48-1	10.59	10
Dibromocyclohexane, 1,2-	C6H10Br2	5401-62-7	10.02	3
Dibromocyclopentane	C5H8Br2	33547-17-0	10.06	3
Dibromodichloromethane	CBr2Cl2	594-18-3	10.4	4
Dibromoethane, 1,2-	C2H4Br2	106-93-4	10.35	2
Dibromoethene, 1,1-	C2H2Br2	593-92-0	9.78	1.5
Dibromoethene, 1,2-	C2H2Br2	540-49-8	9.63	1.5
Dibromomethane	CH2Br2	74-95-3	10.41	1.2
Dichloro-1,2-difluoroethene, 1,2-	C2Cl2F2	598-88-9	10.2	2
Dichloro-1-propene, 2,3-	C3H4Cl2	78-88-6	~10.5	1.4
Dichloro-2,2,-difluoroethene, 1,1-	C2H2Cl2F2	79-35-6	9.69	1

Dichloroacetylene	C2Cl2	7572-29-4	9.9	5
Dichlorobenzene, o-	C6H4Cl2	95-50-1	9.06	0.5
Dichlorobenzene, p-	C6H4Cl2	106-46-7	9.06	0.5
Dichloroethene, 1,1-	C2H2Cl2	75-35-4	10	1
Dichloroethene, cis-1,2-	C2H2Cl2	156-59-2	9.66	0.8
Dichloroethene, trans-1,2-	C2H2Cl2	156-60-5	9.65	0.36
Dichloroethylene 1,2-	C2H2Cl2	540-59-0	9.65	0.36
Dichloroethyne	C2Cl2	7572-29-4	9.9	2
Dichloromethane	CH2Cl2	27639	11.32	39
Dichloromethylamine	CH3Cl2N	7651-91-4	9.52	2
Dicyclohexylamine	C12H22N	101-83-7	~8.5	0.8
Dicyclopentadiene	C10H12	77-73-6	7.74	0.9
Diesel fuel		68334-30-5	8	0.8
Diethoxymethane	C4H10O2	110-71-4	9.2	1.3
diethyl carbonate	C5H10O3	105-58-8	~10.3	2
Diethyl ether	C4H10O	60-29-7	9.53	0.9
Diethyl maleate	C8H12O4	141-05-9	~10	2
diethyl phosphite	C4H11O3P	762-04-9	10.31	2
Diethyl phthalate	C12H14O4	84-66-2	~9	1
Diethyl sulfate	C4H10SO4	64-67-5	~10.5	3
Diethyl sulfide	C4H10S	352-93-2	8.43	0.6
diethyl sulfone	C4H10O2S	597-35-3	9.96	2
diethylacetylene	enter	enter	10.03	2
Diethylamine	C4H11N	109-89-7	8.01	1.3
Diethylaminoethanol, 2-	C6H15ON	100-37-8	8.58	2.7
Diethylaminopropylamine, 3-	C7H18N2	104-78-9	~9	1.2
Diethylenetriamine	C4H13N3	111-40-0	~9	0.9
diethylhydroxylamine	C4H12NO	3710-84-7	~10	2
diethylsilane	C4H12Si	542-91-6	9.8	2
Diglycidyl ether	C6H10O3	123639	~9.6	3
Dihydroeugenol	C10H14O2	2785-87-7	~9	0.4
Dihydrojasmane	C11H18O	1128-08-1	~9	0.6
Dihydromercenol	C10H20O	18479-58-8	~9	0.8
Dihydroxybenzene, 1,2-	C6H6O2	120-80-9	8.56	1
Dihydroxybenzene, 1,3-	C6H6O2	108-46-3	8.63	1
diiodomethane	CH2I2	27704	9.46	1.2
Diisobutyl ketone	C9H18O	108-83-8	9.04	0.8
Diisobutylene	C8H16	107-39-1	8.909	0.6
Diisopropyl benzene	C12H18	25321-09-9	~8.8	0.4
Diisopropyl ether	C6H14O	108-20-3	9.2	0.7
Diisopropylamine	C6H15N	108-18-9	7.73	0.7
Diketene	C4H4O2	674-82-8	9.6	2.2
Dimethoxybenzene, 1,4-	C8H10O2	150-78-7	~9	1.3
dimethoxyethane, 1,2-	C3H8O	109-87-5	9.3	1.2
Dimethoxymethane	C3H8O2	109-87-5	10	1.4
Dimethyl cyclohexane, 1,2-	C8H16	583-57-3	9.41	0.8
Dimethyl disulfide	C2H6S2	624-92-0	8.46	0.2
Dimethyl ether	C2H6O	115-10-6	10.03	1.3
Dimethyl octan-1-ol, 3,7-	C10H22O	106-21-8	~9	1.2
Dimethyl octan-3-ol, 3,7-	C10H22O	78-69-3	~9	1.2

Dimethyl pentane, 2,4-	C7H16	108-08-7	~9.8	1
Dimethyl phosphite	C2H7O3P	868-85-9	10.53	8
Dimethyl phthalate	C10H10O4	131-11-3	9.64	1
Dimethyl sulfoxide	C2H6OS	67-68-5	9.1	1
Dimethylacetamide N,N-	C4H9NO	127-19-5	8.81	1.3
dimethylacetylene	C4H6	503-17-3	9.58	1
Dimethylamine	C2H7N	124-40-3	8.24	1.4
Dimethylaminoethanol, 2-	C4H11NO	108-01-0	8.8	1.5
Dimethylaniline, NN-	C8H11N	121-69-7	7.12	0.6
Dimethylboron bromide	C2H6BBBr	5158-50-9	10.25	4
Dimethylbutyl acetate	C8H16O2	108-84-9	~9.5	1.6
Dimethylcycloheptane, 1,2-	C9H18	13151-50-3	10.21	1.3
Dimethylethylamine, NN-	C4H11N	598-56-1	7.74	3
Dimethylformamide	C3H7NO	25174	9.13	0.8
Dimethylhydrazine, 1,1-	C2H8N2	57-14-7	8.05	1
Dimethylmethylphosphonate	C3H9P03	756-79-6	9.94	5
Dimethylsilane	C2H8Si	1111-74-6	10.3	2
Dimethylthiophosphoryl chloride	C2H6ClO2PS	2524-03-0	~9	1
Di-n-butylamine	C8H19N	111-92-2	7.69	0.9
Di-n-propylamine	C6H15N	142-84-7	7.8	1
Dioxane, 1,4-	C4H8O2	123-91-1	9.13	1.5
Dioxolane	C3H6O2	646-06-0	9.13	1.8
Dipentene	C10H16	138-86-3	~8.6	0.9
Diphenyl ether	C12H10O	101-84-8	8.09	0.8
Dipropyl ether	C6H14O	111-43-3	9.3	0.8
Dipropylene glycol	C6H14O3	110-98-5	~10	4
Disilane	Si2H6	1590-87-0	9.74	2
Disulfur dibromide	S2Br2	13172-31-1	9.23	1.5
Disulfur dichloride	S2Cl2	10025-67-9	9.4	3
Di-tert-butyl-p-cresol	C15H24O	128-37-0	7.8	0.3
Divinylbenzene	C10H10	1321-74-0	~8.2	0.4
Dodecene	C12H24	112-40-3	~8.8	0.8
Epichlorohydrin	C3H5ClO	106-89-8	10.2	3.4
Epoxypropyl isopropyl ether, 2,3-	C6H12O2	4016-14-2	~10	1.1
Estargol	C10H12O	140-67-0	~9	0.7
Ethanol	C2H6O	64-17-5	10.43	8.7
Ethanolamine	C2H7NO	141-43-5	10.47	3
Ethoxy-2-methylpropane, 1-	C6H14O	627-02-1	9.3	0.8
Ethoxy-2-propanol, 1-	C5H10O2	1569-02-4	~9.6	2
Ethoxy-butane, 2-	C6H14O	19316-73-5	9.32	0.8
Ethoxyethanol, 2-	C4H10O2	110-80-5	9.6	2
Ethoxyethyl acetate, 2-	C6H12O3	111-15-9	~10	3
Ethyl 2,2,2-trifluoroethyl ether	C4H7F3O	461-24-5	10.27	5
Ethyl 2-methylbutyrate	C7H14O2	7452-79-1	~9	2
Ethyl acetate	C4H8O2	141-78-6	10.01	3.6
Ethyl acetoacetate	C6H10O3	141-97-9	~9.5	3
Ethyl acrylate	C5H8O2	140-88-5	10.3	2
Ethyl benzene	C8H10	100-41-4	8.76	0.5
Ethyl benzoate	C9H10O2	93-89-0	8.9	0.9
Ethyl butyrate	C6H12O2	105-54-4	~9.9	1

Ethyl chloroformate	C3H5O2Cl	541-41-3	10.64	83
Ethyl cyanoacrylate	C6H7O2N	7085-85-0	~10	1.5
Ethyl cyclohexane	C8H16	1678-91-7	9.54	1
Ethyl decanoate	C12H24O2	110-38-3	~9.6	1.8
Ethyl formate	C3H6O2	109-94-4	10.61	29.8
Ethyl hexanoate	C8H16O2	123-66-0	~9.75	2.6
Ethyl hexanol, 2-	C8H18O	105-76-7	~9.8	1.5
Ethyl hexyl acrylate, 2-	C11H20O2	103-11-7	~9	1
Ethyl iodide	C2H5I	27459	9.34	1.2
Ethyl isopropyl ketone	C6H12O	565-69-5	9.1	0.8
Ethyl lactate	C5H10O3	97-64-3	~10	3
Ethyl mercaptan	C2H6S	27607	9.29	0.56
Ethyl methacrylate	C6H10O2	97-63-2	~9.5	1.5
Ethyl morpholine, 4-	C6H13NO	100-74-3	~8	0.6
Ethyl octanoate	C10H20O2	106-32-1	~9.7	2.3
Ethyl phenyl acetate	C10H12O2	101-97-3	~9	1.2
Ethyl propanoate	C4H10O2	105-37-3	10.01	2
Ethyl tert-butyl ether	C6H14O2	637-92-3	9.39	0.6
Ethyl toluene	C9H12	611-14-3	~8.4	0.4
Ethyl-3-ethoxypropionate	C7H14O3	763-69-9	~9.5	3
Ethyl-3-propylacrolein, 2-	C8H14O2	645-62-5	~9.4	1
Ethylacetylene	C4H6	107-00-6	10.18	3
Ethylamine	C2H7N	27491	8.86	1
Ethylene	C2H4	74-85-1	10.51	8
Ethylene carbonate	C3H4O3	96-49-1	10.4	3
Ethylene glycol	C2H6O2	107-21-1	10.16	20
Ethylene glycol diacetate	C6H10O4	111-55-7	~10	4
Ethylene glycol monopropyl ether	C5H12O2	2807-30-9	~9	3
Ethylene oxide	C2H4O	75-21-8	10.56	15
Ethylenediamine	C2H8N2	107-15-3	8.6	0.8
Ethyleneimine	C2H5N	2179-59-1	9.2	2
Ethylhexanal, 2-	C8H16O	123-05-7	~9	1.5
Ethylhexenal, 2-	C8H14O	645-62-5	~9	1.3
Ethylvanillin	C9H10O3	121-32-4	~9	1
Eucalyptol	C10H18O	470-82-6	~9	0.6
Eugenol	C10H12O2	97-53-0	~9	0.4
Eugenol methyl ether	C11H14O2	93-15-2	~9	0.4
Fenchol	C10H18O	1632-73-1	~9	0.4
Ferrocene	C10H10Fe	102-54-5	6.88	0.8
Fluorobenzene	C6H5F	462-06-6	9.2	0.8
Fluorobenzoic acid, 4-	C7H5FO2	456-22-4	9.91	2
Formamide	CH3ON	27735	10.2	2
Furfural	C5H4O2	35796	9.21	0.82
Furfuryl alcohol	C5H6O2	98-00-0	~9.9	2
Furfuryl mercaptan	C5H6OS	35828	~9	0.5
Gasoline	N/A	8006-61-9	~9.9	0.8
Geraniol	C10H18O	106-24-1	~9	0.7
Geranyl acetate	C12H20O2	105-87-3	~9	1.2
Geraniol	C10H16O	141-27-5	~9	0.6
Germane	GeH4	7782-65-2	11.34	10

Glutaraldehyde	C5H8O2	111-30-8	~9.6	0.9
Glycidyl methacrylate	C7H10O3	106-91-2	~10	1.2
Glyoxal	C2H2O2	107-22-2	10.2	1
Heptan-2-one	C7H14O	110-43-0	9.33	0.7
Heptan-3-one	C7H14O	106-35-4	9.02	0.8
Heptane	C7H16	142-82-5	9.92	1.6
Heptanol	C7H16O	53535-33-4	~9.8	1.7
Heptene, 1-	C7H14	592-76-7	9.34	0.9
Heptylcyclopentan-1-one, 2-	C12H22O	137-03-1	~9	0.8
Heptyne, 1-	C7H12	628-71-7	10.04	2
Hex-1-en-3-ol	C6H12O	4798-44-1	~9	0.9
Hexachlorodisilane	Cl6Si	13465-77-5	10.4	8
hexafluorobutadiene	C4F6	685-63-2	9.5	3
Hexamethyldisilazane, 1,1,1,3,3,3-	C6H19NSi2	999-97-3	8.6	1
Hexamethyldisiloxane	C6H18OSi2	107-46-0	9.6	0.3
Hexamethylene diisocyanate	C8H12N2O2	822-06-0	~9	1.5
Hexan-2-one	C6H12O	591-78-6	9.34	0.8
Hexane	C6H14	110-54-3	10.13	2.6
Hexanoic acid	C6H12O2	142-62-1	10.12	3
Hexanol	C6H14O	111-27-3	9.89	2
Hexene, 1-	C6H12	592-41-6	9.44	0.9
Hexenyl acetate, cis-3-	C8H14O2	3681-71-8	~9	1.5
Hexenyl butyrate, cis-3-	C10H18O2	16491-36-4	~9	1.5
Hexylaldehyde	C6H12O	66-25-1	9.72	0.6
Hydrazine	H4N2	302-01-2	8.93	3
hydrogen iodide	HI	10034-85-2	10.39	5
Hydrogen selenide	H2Se	2148909	9.88	2
Hydrogen sulfide	H2S	2148878	10.46	4
Hydrogen telluride	H2Te	2148973	9.14	1.5
Hydroxycitronellal	C10H20O2	107-75-5	~9	1
Hydroxyethyl acrylate	C5H8O3	818-61-1	~10	1.2
Hydroxylamine	H3NO	7803-49-8	10	2
Hydroxypropyl acrylate, 2-	C6H10O3	999-61-1	~9	1.5
Indene	C9H8	95-13-6	8.81	0.5
Indole	C8H7N	120-72-9	7.76002	0.4
Iodine	I2	7553-56-2	9.31	0.2
Iodobenzene	C5H5I	591-50-4	8.73	0.2
Iodoethene	C2H3I	593-66-8	9.3	1.2
Iodoform	CHI3	75-47-8	9.25	1.5
Iodomethane	CH3I	74-88-4	9.54	0.4
Isoalkanes, C10-C13	C8H18O	68551-17-7	~9.6	1
Isoamyl acetate	C7H14O2	123-92-2	~9.7	1.6
Isoamyl salicylate	C12H16O3	87-20-7	~9	1
Isoamylene	C5H10	513-35-9	8.69	1
Isopentene	C5H10	563-46-2	9.12	0.8
Isobornyl acetate	C12H20O2	125-12-2	~9	0.4
Isobutane	C4H10	75-28-5	10.57	8
Isobutanol	C4H10O	78-83-1	10.12	3.5
Isobutyl acetate	C6H12O2	110-19-0	9.9	2.3
Isobutyl acrylate	C7H12O2	106-63-8	~9.5	1.3



Isobutylene	C4H8	115-11-7	9.24	1
Isobutylene epoxide	C4H8O	558-30-5	10	3
Isobutyraldehyde	C4H8O	78-84-2	9.74	1.2
Isobutyric acid	C4H8O2	79-31-2	10.24	4
Isodecanol	C10H22O	25339-17-7	~9.8	0.9
Isoeugenol	C10H12O2	97-54-1	~9	0.4
Isoheptane	C7H16	591-76-4	9.84	1.2
Isojasmone	C11H18O	95-41-0	~9	0.7
Isomenthone	C10H18O	1196-31-2	9.86	0.6
Isononanol	C9H20O	3452-97-9	~9.8	1.5
Isooctane	C8H18	565-75-3	9.86	0.74
Isooctanol	C8H18O	26952-21-6	~9.8	1.7
Isopentane	C5H12	78-78-4	10.32	6
Isophorone	C9H14O	78-59-1	9.07	0.8
Isophorone diisocyanate	C12H18N2O2	4098-71-9	~9	0.6
Isoprene	C5H8	78-79-5	8.85	0.8
Isopropanol	C3H8O	67-63-0	10.17	4.4
Isopropanolamine	C3H9NO	78-96-6	~9.6	1.5
Isopropoxyethanol, 2-	C5H12O2	109-59-1	~10.3	1.5
Isopropyl acetate	C5H10O2	108-21-4	9.99	2.2
Isopropyl chloroformate	C4H7O2Cl	108-23-6	~10.2	1.6
Isopropyl mercaptan	C3H8S	75-33-2	9.15	0.56
Isopropyl nitrite	C3H7NO2	541-42-4	10.23	4
Isopropylamine	C3H9N	75-31-0	8.72	1.2
Isopropylaminoethanol, 2-	C5H13NO	109-56-8	~9	2
Isopropylcyclohexane	C9H18	696-29-7	9.33	0.9
Isothiazole	C3H3NS	288-16-4	9.55	3
Isothiocyاناتomethane	C2H3NS	556-61-6	9.25	1.5
Isoxazole	C3H3NO	288-14-2	9.96	6
Jasmal	C11H22O3	1322-17-4	~9	1.4
Jasmone, cis-	C11H16O	488-10-8	~9	0.5
Jet Fuel JP-4	N/A	N/A	~9	0.8
Jet Fuel JP-5	N/A	N/A	~9	0.7
Jet Fuel JP-8	N/A	N/A	~9	0.7
Kerosene	N/A	8008-20-6	~8	0.8
Ketene	C2H2O	463-51-4	9.617	3
Linalool oxide	C10H18O2	14049-11-7	~9	0.6
Linalyl acetate	C12H20O2	115-95-7	~9	0.9
Maleic anhydride	C4H2O3	108-31-6	9.9	2
Menthol	C10H20O	1490-04-6	~9	0.5
Menthone	C10H18O	89-80-5	~9	0.4
Mercaptoacetic acid	C2H4O2S	25143	~9.8	1
Mesitylene	C9H12	108-67-8	8.41	0.3
Methacrylic acid	C4H6O2	79-41-4	10.15	2.3
Methacrylonitrile	C4H5N	126-98-7	10.34	5
Methanol	CH4O	67-56-1	10.85	200
Methoxy-1-butanol, 3-	C5H12O2	2517-43-3	~9.56	3
Methoxy-1-propanol, 2-	C4H10O2	1589-47-5	9.3	2
Methoxy-2,2-dimethylpropane	C6H14O	1118-00-9	9.3	0.7
Methoxybutyl acetate, 3-	C7H14O3	4435-53-4	~9	2

Methoxyethanol, 2-	C3H8O2	109-86-4	9.6	2.7
methoxyethene	C3H6O	107-25-5	8.95	1
Methoxyethoxyethanol, 2-	C5H12O3	111-77-3	10	1.4
Methoxyethyl acetate	C5H10O3	110-49-6	~9.6	2.7
Methoxyethyl ether, 2-	C6H14O3	111-96-6	9.8	0.8
Methoxymethylethoxy-2-propanol	C7H16O3	34590-94-8	~10	1.3
Methoxypropan-2-ol, 1-	C4H10O2	107-98-2	~9.6	2
Methoxypropane, 2-	C4H10O	555-17-5	9.45	0.9
Methoxypropyl acetate	C6H12O3	108-65-6	~9	1.2
Methyl 2-methylpropanoate	C5H10O2	547-63-7	9.86	2
Methyl acetate	C3H6O2	79-20-9	10.27	5.2
Methyl acetoacetate	C5H8O3	105-45-3	9.81	3
Methyl acrylate	C4H6O2	96-33-3	10.25	3.4
Methyl anthranilate	C8H9NO2	134-20-3	~9	0.4
Methyl benzoate	C8H8O2	93-58-3	9.32	0.7
Methyl benzoate	C8H8O2	93-58-3	9.32	1.2
Methyl bromide	CH3Br	74-83-9	10.54	1.9
Methyl dimethylacrylate	C6H10O2	924-50-5	~9.6	2.5
Methyl ethyl ketone	C4H8O	78-93-3	9.51	0.8
Methyl ethyl ketone peroxides	C8H18O2	1338-23-4	~9	0.8
Methyl heptyne carbonate	C9H14O2	111-12-6	~9	1.3
Methyl ionone	C14H22O	1335-46-2	~9	0.4
Methyl isobutyl ketone	C6H12O	108-10-1	9.3	0.8
Methyl isobutyl ketone	C5H10O	563-80-4	9.31	0.8
Methyl isocyanate	C2H3NO	624-83-9	10.67	5
Methyl isothiocyanate	C2H3NS	556-61-6	9.25	0.6
Methyl mercaptan	CH4S	74-93-1	9.44	0.7
Methyl methacrylate	C5H8O2	80-62-6	9.7	1.6
Methyl phenyl acetate	C9H10O2	101-41-7	~9	0.4
Methyl propargyl ether	C4H6O	627-41-8	9.78	2
Methyl propionate	C4H8O2	554-12-1	10.15	1.5
Methyl propynoate	C4H4O2	922-67-8	10.3	10
Methyl salicylate	C8H8O3	119-36-8	7.65	0.8
Methyl sulfide	C2H6S	75-18-3	8.69	0.5
Methyl tert-butyl ether	C5H12O	1634-04-4	9.24	0.8
Methyl thiocyanate	C2H3NS	556-64-9	9.96	2
Methyl thioglyconate	C3H6O2S	2365-48-2	~10	1
Methyl undecanal, 2-	C12H24O	110-41-8	~9	1.1
Methyl vinyl ketone	C4H6O	78-94-4	9.65	0.6
Methyl-1-butene, 3-	C5H10	563-45-1	9.51	0.8
Methyl-2-butanol, 3-	C5H12O	6032-29-7	9.88	3.3
Methyl-2-propen-1-ol, 2-	C4H8O	513-42-8	9.24	1.1
Methyl-2-pyrrolidinone, N-	C5H9NO	872-50-4	9.17	0.9
Methyl-5-hepten-2-one, 6-	C8H14O	110-93-0	~9.4	0.8
Methylamine	CH5N	74-89-5	8.97	1.4
Methylamyl acetate	C8H16O2	108-84-9	~9.6	1.2
Methylbutan-1-ol, 3-	C5H12O	123-51-3	9.8	3
Methylbutanol	C5H12O	137-32-6	9.86	1.5
Methylcyclohexane	C7H14	108-87-2	9.85	1.1
Methylcyclohexanol	C7H14O	25639-42-3	9.8	2.4

Methylcyclohexanol, 4-	C7H14O	589-91-3	9.8	2.4
Methylcyclohexanone, 2-	C7H12O	583-60-8	9.05	1
Methylcyclopentane	C6H14	96-37-7	9.85	1.5
Methylenepentane, 3-	C6H12	760-21-4	9.06	0.8
Methylheptan-3-one, 5-	C8H16O	541-85-5	~9.1	0.8
Methylhexan-2-one, 5-	C7H14O	110-12-3	9.28	0.8
Methylhydrazine	CH6N2	60-34-4	8	1.3
Methylpent-3-en-2-one, 4-	C6H10O	141-79-7	9.1	0.7
Methylpentan-2-ol, 4-	C6H14O	108-11-2	~9.8	2.8
Methylpentane, 2-	C6H14	107-83-5	10.12	1.5
Methylpentane, 3-	C6H14	96-14-0	10.08	1.5
Methylpentane-2,4-diol, 2-	C6H14O2	107-41-5	~9.6	4
Methylpropanoyl chloride, 2-	C4H7ClO	79-30-1	~9	6
Methylstyrene	C9H10	25013-15-4	8.3	0.5
Methylthiopropional, 3-	C4H8OS	3268-49-3	~9.5	2
Mineral oil	N/A	8042-47-5	~9	0.8
Mineral spirits	N/A	64475-85-0	~9	0.8
Monoisobutanolamine	C4H11NO	124-68-5	~9	1.6
Morpholine	C4H9NO	110-91-8	8.88	2
Myrcene	C10H16	123-35-3	~8.2	0.5
Naphthalene	C10H8	91-20-3	8.14	0.4
Naphthol methyl ether, 2-	C11H10O	34068	~9	0.5
Nitric oxide	NO	10102-43-9	9.27	8
Nitrobenzene	C6H5NO2	98-95-3	9.92	1.7
Nitrogen dioxide	NO2	10102-44-0	9.58	10
Nonane	C9H20	111-84-2	9.72	1.3
Nonanol (all isomers)	C9H20O	143-08-8	~9.8	1.2
Nonene (all isomers)	C9H18	27215-95-8	~8.8	0.8
Nonene, 1-	C9H18	124-11-8	~8.8	0.55
Norbornadiene, 2,5-	C7H8	121-46-0	8.38	0.6
Propylamine, n-	C3H9N	107-10-8	8.5	1
Ocatanol (all isomers)	C8H18O	111-87-5	~9.8	1.5
Octamethyltrisiloxane	C8H24O2Si3	107-51-7	10.04	0.3
Octane	C8H18	111-65-9	9.8	1.3
Octene (all isomers)	C8H16	25377-83-7	9.4	0.9
Octene, 1-	C8H16	111-66-0	9.43	0.58
Oxalyl bromide	C2Br2O2	15219-34-8	10.49	5
Oxydiethanol 2,2-	C4H10O3	111-46-6	~10.3	2
Paraffin wax, fume	N/A	8002-74-2	~10	1
Paraffins, normal	N/A	64771-72-8	~9.5	1
Pentacarbonyl iron	FeC5O5	13463-40-6	~8	1
Pentan-2-one	C5H10O	107-87-9	9.38	0.8
Pentan-3-one	C5H10O	96-22-0	9.31	0.8
Pentanal	C5H10O	110-62-3	9.74	1.2
Pentandione, 2,4-	C5H8O2	123-54-6	8.85	0.8
Pentane	C5H12	109-66-0	10.35	5
Pentanoic acid	C5H10O2	109-52-4	10.53	4
Pentanol, 2-	C5H12O	6032-29-7	9.78	1.5
Pentanol, 3-	C5H12O	584-02-1	9.76	1.5
Pentene, 1-	C6H12	109-67-1	9.49	1.3

Pentylcyclopentan-1-one, 2-	C10H18O	4819-67-4	~9	1
Pentylcyclopentane	C10H20	3741-00-2	9.91	1.1
Pentyne, 1-	C5H8	627-19-0	10.1	3
Peracetic acid	C2H4O3	79-21-0	~10.5	2
Perfluorobutadiene	C4H6	682-63-5	10.6	10
Perfluoro-tert-butylamine	C4H2F9N	2809-92-9	10.4	5
Petroleum ether	N/A	8032-32-4	~10	0.9
Phellandrene	C10H16	99-83-2	~8.2	0.8
Phenethyl methyl ether, 2-	C9H12O	3558-60-9	~9	0.6
Phenol	C6H6O	108-95-2	8.51	1.2
Phenyl ethyl isobutyrate, 2-	C12H16O2	103-48-0	~9	1.5
Phenyl propene, 2-	C9H10	98-83-9	8.35	0.4
Phenyl-2,3-epoxypropyl ether	C9H10O2	122-60-1	~8.6	0.8
Phenylacetaldehyde	C8H8O	122-78-1	8.8	0.7
Phenylacetic acid	C8H8O2	103-82-2	8.26	1
Phenylethyl acetate, 1-	C10H12O2	93-92-5	~9	0.7
Phenylethyl alcohol, 2-	C8H10O	60-12-8	~10	1.2
Phosphine	PH3	7803-51-2	9.96	2
Picoline, 3-	C6H7N	108-99-6	9.04	0.9
Pine oil	N/A	8002-09-3	~9.5	1
Pinene, $\alpha$ -	C10H16	80-56-8	8.07	0.27
Pinene, $\beta$ -	C10H16	127-91-3	8.1	0.27
Piperazine	C4H10N2	110-85-0	8.72	0.8
Piperidine	C5H11N	110-89-4	8.03	0.9
Piperylene	C5H8	504-60-9	8.6	0.7
Prop-2-yn-1-ol	C3H4O	107-19-7	10.5	2.9
Propadiene	C3H4	463-49-0	9.83	1
Propan-1-ol	C3H8O	71-23-8	10.2	4.8
Propanamide	C3H7NO2	79-05-0	~9.5	2
Propane-1,2-diol	C3H8O2	57-55-6	10	3
Propanolamine	C3H9NO	156-87-6	~9.5	1.5
Propargyl chloride	C3H3Cl	624-65-7	9.82	2
Propen-1-imine, 2-	C3H5N	73311-40-7	9.65	2
Propene	C3H6	115-07-1	9.73	1.4
propionic acid	C3H2O3	471-25-0	10.45	8
Propionaldehyde	C3H6O	123-38-6	9.95	1.7
Propionic acid	C3H6O2	79-09-4	10.44	8
Propoxy-2-propanol, 1-	C6H14O2	1569-01-3	~9.5	1.1
Propyl acetate, n-	C5H10O2	109-60-4	10.04	2.5
Propyl butanoate	C7H14O2	105-66-8	~9.6	2.3
Propyl formate	C4H8O2	110-74-7	10.54	10
Propyl iodide	C3H7I	107-08-4	9.26	1
Propylbenzene (all isomers)	C9H12	74296-31-4	8.7	0.45
Propylene carbonate	C4H6O3	108-32-7	~10.5	2
Propylene glycol ethyl ether acetate	C7H14O3	98516-30-4	~9.6	1.2
Propylene oxide	C3H6O	75-56-9	10.22	2.7
Propyleneimine	C3H7N	75-55-8	9	1.3
Propyne	C5H4	74-99-7	10.36	4
Pyrazine	C4H4N2	290-37-3	9.29	3
Pyrdinol, 4-	C5H5NO	626-64-2	9.75	3

Pyridine	C5H5N	110-86-1	9.25	0.8
Pyridylamine 2-	C5H6N2	504-29-0	8.1	0.8
Rose oxide, cis-	C10H18O	16409-43-1	~9	0.8
Stibine	SbH3	7803-52-3	9.89	1.5
Styrene	C8H8	100-42-5	8.4	0.35
Sulfur dichloride	SCl2	234-129-0	9.47	2
Terpineol, α-	C10H18O	98-55-5	~9	0.8
Terpinolene	C10H16	586-62-9	8.1	0.59
Terpinyl acetate, α-	C12H20O2	80-26-2	~9	1.2
Tert-butanol	C4H10O	75-65-0	10.25	2.6
Tert-butyl bromide	C4H9Br	507-10-7	9.92	1.5
Tert-butyl formate	C5H10O2	762-75-4	10.52	8
Tetrabromoethane, 1,1,2,2-	C2H2Br4	79-27-6	~10	2
Tetracarbonylnickel	NiC4O4	13463-39-3	8.28	1
Tetrachloroethylene	C2Cl4	127-18-4	9.326	0.44
Tetrachloropyridine, 2,3,5,6-	C5HNC14	2402-79-1	~9	1
Tetraethyl orthosilicate	C8H20O4Si	78-10-4	9.77	2
Tetrafluoroethylene	C2F4	116-14-3	10.12	15
Tetrahydrofuran	C4H8O	109-99-9	9.41	1.6
Tetrahydronaphthalene	C10H12	119-64-2	8.46	0.4
Tetrahydrothiophene	C4H8S	110-01-0	8.38	0.6
Tetramethyl succinonitrile	C8H12N2	3333-52-6	~9	1
Tetramethylbenzene (all isomers)	C10H14	95-93-2	8.06	0.3
Tetramethylbutane, 2,2,3,3-	C8H18	594-82-1	9.8	1
Tetramethylgermane	C4H12Ge	865-52-1	9.34	2
Tetramethylsilane	C3H10Si	993-07-0	9.8	2
Tetrathiodipyrane	C5H10O	142-68-7	9.25	3
Thioacetic acid	C2H4OS	507-09-5	10	2
Thiocarbonyl fluoride	CSF2	420-32-6	10.45	6
Thiocyanogen	C2S2N2	505-14-6	10.5	8
Thioformaldehyde trimer	C3H6S3	291-21-4	9.35	1.5
Thiophene	C4H4S	110-02-1	8.86	0.4
Thiophosgene	CS2Cl	463-71-8	9.61	1
Titanium-n-propoxide	C12H28O4Ti	3087-37-4	~9	3
Toluene	C7H8	108-88-3	8.82	0.5
Toluene-2,4-diisocyanate	C9H6N2O2	584-84-9	8.82	1.6
Toluenesulfonyl chloride, p-	C7H7SO2Cl	98-59-9	~9	3
Toluidine, o-	C7H9N	95-53-4	7.4	0.5
Tolylaldehyde, p-	C8H8O	104-87-0	9.33	0.8
Triazine, 1,3,5-	C3H3N3	290-87-9	10.01	6
Tributyl phosphate	C12H27O4P	126-73-8	8.91	5
Tributylamine	C12H27N	102-82-9	7.4	1.2
Trichlorobenzene 1,2,4-	C6H3Cl3	120-82-1	9.04	0.6
Trichloroethylene	C2HCl3	79-01-6	9.45	0.7
Triethyl phosphate	C6H15P04	78-40-0	9.79	3.5
Triethyl phosphate	C6H15O4P	78-40-0	10	3
Triethyl phosphite	C6H15O3	122-52-1	8.3	1.5
Triethyl silane	C2H6Si	617-86-7	9.5	2
Triethylamine	C6H15N	121-44-8	7.5	0.9
Triethylbenzene	C12H18	25340-18-5	~8.3	0.35

Triethylene aluminum	C6H15Al	97-93-8	~10	1
Trifluoroethene	C2HF2	359-11-5	10.14	5
Trifluoroethyl methyl ether, 2,2,2-	C3H5F3O	460-43-5	10.53	10
Trifluoroiodomethane	CF3I	2314-97-8	10.28	2
Trimethoxymethane	C4H10O3	149-73-5	9.5	1
Trimethylamine	C3H9N	53-50-3	7.82	0.5
Trimethylbenzene mixtures	C9H12	25551-13-7	8.41	0.3
Trimethylbenzene, 1,3,5-	C9H12	108-67-8	8.39	0.4
Trimethylborate	C3H9FBO3	121-43-7	10	1
Trimethylcyclohexane, 1,2,4-	C9H18	2234-75-5	9.35	1
Trimethylene oxide	C3H6O	503-30-0	9.65	1.5
Trimethylsilane	C3H10Si	993-07-7	9.9	1
Trioxane	C3H4O3	110-88-3	10.3	2
Turpentine	C10H16	8006-64-2	~8	0.6
TVOC			~10	1
Undecane	C11H24	1120-21-4	9.56	0.9
Vanillin	C8H8O3	121-33-5	~9	1
Vinyl acetate	C4H6O2	108-05-2	9.19	1.1
Vinyl bromide	C2H3Br	593-60-2	9.8	1.5
Vinyl chloride	C2H3Cl	75-01-4	9.99	2.1
Vinyl ethyl ether	C4H8O	109-92-2	8.98	0.6
Vinyl fluoride	C2H3F	75-02-5	10.37	2
Vinyl-2-pyrrolidinone, 1-	C6H9NO	88-12-0	9	0.9
Vinylcyclohexene, n-	C8H12	100-40-3	8.93	0.7
Vinylene carbonate	C3H2O3	872-36-6	10.08	1
Vinylidene difluoride	C2H2F2	75-38-7	10.29	5
Vinylsilane	C2H6Si	7291-09-0	10.1	1.5
Xylene mixed isomers	C8H10	1330-20-7	8.56	0.33
Xylene, m-	C8H10	108-38-3	8.56	0.4
Xylene, o-	C8H10	95-47-6	8.56	0.6
Xylene, p-	C8H10	106-42-3	8.44	0.6
Xylidine, all	C8H11N	1300-73-8	7.5	0.7

#### Notes:

Chemical names: common name presented. To be sure of the identity of a volatile, check the CAS number

Ionisation energy (IE): also known as ionisation potential. A PID response is obtained only if the IE is similar or lower than the PID lamp energy. '~' indicates estimate

Response factors (RF): presented for PID containing argon (11.7 eV) and krypton (10.6 eV) lamps. RF is a calibration factor for each chemical relative to isobutylene =

An RF of 0.5 indicates twice the response to isobutylene.

NR = no response

NV = non-volatile: Less than a few ppm sat. vap. At 20 deg C

NA = unreliable response in view of chemical's toxicity or corrosion

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