

PID Gas Table

Chemical Name	Formula	11.7 response	10.6 Response
Isobutylene	C4H8	1	1
Acetaldehyde	C2H4O	3.3	4.861
Acetic Acid	C2H4O2	2.6	36.153
Acetic Anhydride	C4H6O3	2	NA
Acetone	C3H6O	1.4	0.715
Acetonitrile	CH3CN	100	ZR
Acetylene	C2H2	2	ZR
Acrolein	C3H4O	3	4
Acrylic Acid	C3H4O2	2	2.749
Acrylonitrile	C2H3N	1.2	ZR
Allyl alcohol	C3H6O	1.7	2.074
Allyl chloride	C3H5Cl	0.7	4.5
Ammonia	H3N	5.7	8.496
Ammonium chloride	NH4Cl	NA	NA
Amyl acetate, n-	C7H14O2	1	1.8
Amyl alcohol	C5H12O	4	3.2
Aniline	C6H7N	0.47	0.5
Anisole	C7H8O	1	0.473
Arsine	AsH3	3	NA
Asphalt, petroleum fumes		NA	1
Benzaldehyde	C7H6O	1	0.858
Benzene	C6H6	0.6	0.5
Benzenethiol	C6H5SH	NA	0.7
Benzonitrile	C7H5N	2	0.708
Benzyl alcohol	C7H8O	0.9	1.25
Benzyl chloride	C7H7Cl	0.5	0.55
Benzyl formate	C8H8O2	0.66	0.77
Biphenyl	C12H10	NA	0.4
Bis(2,3-epoxypropyl) ether	C6H10O3	NA	3
Bis(2-ethylhexyl)phthalate	C24H38O4	NA	NA
Boron trifluoride	BF3	ZR	ZR
Bromine	Br2	0.74	NA
Bromine pentafluoride	BrF5	ZR	ZR
Bromobenzene	C6H5Br	0.5	0.7
Bromochloromethane	CH2ClBr	NA	ZR
Bromoethane	C2H5Br	NA	5
Bromoethyl methyl ether, 2-	C3H7OBr	2	2.5
Bromoform	CHBr3	0.5	2.8
Bromomethane	CH3Br	1.3	1.9
Bromopropane, 1-	C3H7Br	0.6	1.3
Bromotrifluoromethane	CF3Br	NA	ZR
Butadiene	C4H6	1.1	0.83
Butadiene diepoxide, 1,3-	C4H6O2	1.2	4
Butane, n-	C4H10	1	46.29
Butanol, 1-	C4H10O	1.4	4.011
Buten-3-ol, 1-	C4H8O	NA	1.15
Butene, 1-	C4H8	NA	1
Butoxyethanol, 2-	C6H14O2	0.62	1.1
Butyl acetate, n-	C6H12O2	NA	2.418
Butyl acrylate, n-	C7H12O2	0.6	1.5

PID Gas Table

Chemical Name	Formula	11.7 response	10.6 Response
Butyl lactate	C7H14O3	NA	NA
Butyl mercaptan	C4H10S	2	0.54
Butylamine, 2-	C4H11N	NA	0.9
Butylamine, n-	C4H11N	0.7	1
Camphene	C10H16	NA	0.45
Carbon dioxide	CO2	NA	NA
Carbon disulfide	CS2	0.3	1.4
Carbon monoxide	CO	ZR	ZR
Carbon tetrabromide	CBr4	NA	3
Carbon tetrachloride	CCl4	1.7	ZR
Carbonyl sulphide	COS	11	ZR
Carvone, R-	C10H14O	NA	NA
Chlorine	Cl2	1	ZR
Chlorine dioxide	ClO2	2	1
Chlorine trifluoride	ClF3	NA	ZR
Chloro-1,1-difluoroethane, 1-	C2H3ClF2	ZR	ZR
Chloro-1,3-butadiene, 2-	C4H5Cl	4	3.2
Chloroacetaldehyde	C2H3OCl	NA	ZR
Chlorobenzene	C6H5Cl	0.39	0.45
Chlorodifluoromethane	CHClF2	ZR	ZR
Chloroethane	C2H5Cl	1.1	ZR
Chloroethanol 2-	C2H5ClO	1	10
Chloroethyl methyl ether, 2-	C3H7ClO	NA	2.6
Chloroform	CHCl3	3.5	ZR
Chlorofluoromethane	CH2ClF	NA	ZR
Chloromethane	CH3Cl	0.74	ZR
Chloropentafluoroethane	C2ClF5	ZR	ZR
Chlorotoluene, o-	C7H7Cl	0.6	0.45
Chlorotoluene, p-	C7H7Cl	0.6	0.5
Chlorotrifluoromethane	CCl3F	NA	ZR
Citral	C10H16O	NA	NA
Citronellol		NA	NA
Cresol, m-	C7H8O	NA	1.05
Cresol, o-	C7H8O	NA	1.05
Cresol, p-	C7H8O	NA	1.05
Crotonaldehyde	C4H6O	1	1
Cumene	C9H12	0.4	0.588
Cyanamide	CH2N2	NA	ZR
Cyanogen bromide	CNBr	ZR	ZR
Cyanogen chloride	CNCl	ZR	ZR
Cyclohexane	C6H12	0.64	1.162
Cyclohexanol	C6H12O	1.1	2.906
Cyclohexanone	C6H10O	0.7	1.039
Cyclohexene	C6H10	1	0.75
Cyclohexylamine	C6H13N	1	0.981
Cyclopentane	C5H10	0.6	4
Decane, n-	C10H22	0.35	1.043
Diacetone alcohol	C6H12O2	NA	0.8
Dibenzoyl peroxide	C14H10O4	NA	NA
Diborane	B2H6	NA	ZR

PID Gas Table

Chemical Name	Formula	11.7 response	10.6 Response
Dibromochloromethane	CHBr2Cl	0.7	10
Dibromodifluoromethane	CF2Br2	NA	ZR
Dibromotetrafluoroethane, 1,2-	C2F4Br2	NA	ZR
Dibromoethane 1,2-	C2H4Br2	0.6	2
Dibutyl hydrogen phosphate	HC8H18PO4	NA	NA
Dibutyl phthalate	C16H22O4	NA	NA
Dichloro-1,1,1-trifluoroethane, 2,2-	C2HCl2F3	NA	ZR
Chlorotrifluoroethylene	C2ClF3	1	1
Dichloro-2,2,-difluoroethane, 1,1-	C2Cl2F2	10	ZR
Chloro-2-fluoroethane, 1-	C2H4ClF	1	ZR
Chloro-1-fluoroethane, 1-	C2H4ClF	1	ZR
Dichloro-1-fluoroethane, 1,1-	C2H3Cl2F	2	ZR
Dichloro-1-propene, 2,3-	C3H4Cl2	0.7	1.4
Dichloroacetylene	C2Cl2	NA	NA
Dichlorobenzene o-	C6H4Cl2	0.38	0.5
Dichlorodifluoromethane	CCl2F2	ZR	ZR
Dichloroethane 1,2-	C2H4Cl2	0.6	ZR
Dichloroethane, 1,1-	C2H4Cl2	2	ZR
Dichloroethene, 1,1-	C2H2Cl2	1	0.95
Dichloroethene, cis-1,2-	C2H2Cl2	1	0.8
Dichloroethene, trans-1,2-	C2H2Cl2	0.3	0.7
Dichloroethylene 1,2-	C2H2Cl2	NA	0.75
Dichlorofluoromethane	CHCl2	ZR	ZR
Dichlorotetrafluoromethane, 1,2-	CCl2F4	ZR	ZR
Dichlorotetrafluoromethane, 1,1-	CCl2F4	ZR	ZR
Dichloromethane	CH2Cl2	0.89	39
Dichloropropane, 1,2-	C3H6Cl2	0.7	ZR
Dicyclopentadiene	C10H10	NA	0.81
Diesel Fuel		0.4	0.75
Diethyl ether	C4H10O	1.9	0.884
Diethyl phthalate	C12H18O4	NA	NA
Diethyl sulphate	C4H10SO4	NA	NA
Diethyl sulphide	C4H10S	1	0.55
Diethylamine	C4H11N	1	1
Diethylaminoethanol, 2-	C6H15ON	NA	2.7
Diethylaminopropylamine, 3-	C7H13N2	NA	1
Diethylmaleate	C8H12O4	NA	NA
Difluoromethane	CH2F2	ZR	ZR
Difluoroethane, 1,2-	C2H4F2	ZR	ZR
Difluoroethane, 1,1-	C2H4F2	ZR	ZR
Dihydrogen selenide	H2Se	NA	NA
Diisobutyl phthalate	C16H22O4	NA	NA
Diisobutylene	C8H14	NA	0.643
Diisopropyl ether	C6H14O	NA	0.68
Diisopropylamine	C6H15N	0.53	0.7
Diketene	C4H4O2	1.4	2.2
Dimethoxymethane	C3H8O2	NA	1.4
Dimethyl cyclohexane, 1,2-	C8H16	NA	1.05
Dimethyl disulphide	C2H6S2	0.2	0.23
Dimethyl ether	C2H6O	NA	1.3

PID Gas Table

Chemical Name	Formula	11.7 response	10.6 Response
Dimethyl phthalate	C10H14O4	NA	NA
Dimethyl sulphate	C2H6O4S	2.3	NA
Dimethyl sulphide	C2H6S	0.46	0.5
Dimethylacetamide N,N-	C4H9NO	0.8	NA
Dimethylamine	C2H7N	2	1.4
Dimethylaminoethanol	C4H11NO	NA	NA
Dimethylaniline, NN-	C8H11N	NA	0.6
Dimethylbutyl acetate	C3H7NO	2	NA
Dimethylethylamine, NN-	C4H11N	0.9	0.8
Dimethylformamide	C3H7NO	1	0.9
Dimethylheptan-4-one, 2,6-	C9H18O	NA	0.8
Dimethylhydrazine, 1,1-	C2H8N2	0.8	1
Dinitrobenzene, m-	C6H5N2O4	NA	NA
Dinitrobenzene, o-	C6H5N2O4	NA	NA
Dinitrobenzene, p-	C6H5N2O4	NA	NA
Dinonyl phthalate	C26H42O4	NA	NA
Dioxane 1,2-	C4H8O2	NA	1.5
Dioxane 1,4-	C4H8O2	NA	1.5
Diphenyl ether	C12H10O	NA	0.8
Diphenylamine	C12H11N	NA	NA
Disulphur decafluoride	S2F10	NA	NA
Disulphur dichloride	S2Cl2	NA	NA
Di-tert-butyl-p-cresol	C11H16O	NA	NA
Divinylbenzene	C10H10	NA	0.4
Enflurane	C3H3Cl3F3O	NA	NA
Epichlorohydrin	C3H5ClO	1.4	8
Epoxypropyl isopropyl ether, 2,3-	C6H12O2	NA	1.1
Ethanol	C2H6O	8	8.72
Ethanolamine	C2H7NO	3	3
Ethoxyethanol, 2-	C4H10O2	3	29.837
Ethyl (S)-(-)-lactate	C5H10O3	1.6	3
Ethyl acetate	C4H8O2	1	3.634
Ethyl acrylate	C5H8O2	1	2
Ethyl benzene	C8H10	0.51	0.54
Ethyl butyrate	C6H12O2	NA	0.95
Ethyl chloroformate	C3H5O2Cl	NA	1.955
Ethyl cyanoacrylate	C6H7O2N	NA	NA
Ethyl decanoate	C12H22O2	NA	NA
Ethyl formate	C3H6O2	1.9	29.837
Ethyl hexanoate	C8H14O2	NA	NA
Ethyl hexyl acrylate, 2-	C11H20O2	0.5	1
Ethyl mercaptan	C2H6S	1	0.695
Ethyl octanoate	C10H20O2	NA	NA
Ethylamine	C2H7N	1	1
Ethylene	C2H4	3	8
Ethylene dinitrate	C2H4O6N2	NA	NA
Ethylene glycol	C2H6O2	NA	20
Ethylene oxide	C2H4O	2	15
Ferrocene	C10H20Fe	NA	NA
Fluorine	F2	NA	NA

PID Gas Table

Chemical Name	Formula	11.7 response	10.6 Response
Fluoromethane	CH3F	NA	ZR
Fluoroethane	C2H5F	NA	ZR
Perfluoropropane	C3F8	NA	ZR
Formaldehyde	CH2O	0.6	ZR
Formamide	CH3ON	NA	NA
Formic acid	CH2O2	5	ZR
Furfural	C5H5O2	0.8	1.387
Furfuryl alcohol	C5H6O2	NA	2
Gasoline vapors		NA	1.05
Gasoline vapors 92 octane		0.47	0.8
Germane	GeH4	NA	10
Glutaraldehyde	C5H8O2	0.6	0.9
Glycerol, mist	C3H8O3	NA	NA
Glycerol, trinitrate	C3H5O12N3	NA	NA
Halothane	CF3CHBrCl	0.6	ZR
Heptan-2-one	C7H14O	NA	0.73
Heptan-3-one	C7H14O	NA	0.75
Heptane n-	C7H16	0.6	2.064
Hexachloroethane	C2Cl6	1	ZR
Hexafluoroethane	C2Cl6	ZR	ZR
Hexamethyldisilazane, 1,1,1,3,3,3-	C6H19NSi2	0.19	NA
Hexan-2-one	C6H12O	NA	0.8
Hexane n-	C6H14	0.5	3.282
Hexene, 1-	C6H12	NA	0.9
Hydrazine	H4N2	2.1	3
Hydrazoic acid	HN3	NA	NA
Hydrogen	H2	ZR	ZR
Hydrogen bromide	HBr	NA	NA
Hydrogen chloride	HCl	NA	NA
Hydrogen cyanide	HCN	ZR	ZR
Hydrogen fluoride	HF	NA	ZR
Hydrogen peroxide	H2O2	1	NA
Hydrogen sulfide	H2S	1.5	4
Hydroquinone	C6H6O2	NA	0.8
Hydroxypropyl acrylate 2-	C6H10O3	NA	NA
Iminodi(ethylamine) 2,2-	C4H13N3	NA	0.9
Iminodiethanol 2,2'-	C4H11NO2	NA	1.6
Indene	C8H8	NA	0.46
Iodine	I2	0.1	0.15
Iodoform	CHI3	NA	1.5
Iodomethane	CH3I	0.26	0.4
Isoamyl acetate	C7H14O2	NA	1.6
Isobutane	C4H10	1.2	8
Isobutanol	C4H10O	1.5	3.5
Isobutylene	C4H8	1	1
Isobutyl acetate	C6H12O2	NA	2.26
Isobutyl acrylate	C7H12O2	0.6	1.3
Isobutyraldehyde	C4H8O	NA	1.2
Isocyanates, all		NA	NA
Isoflurane	C3H2ClF5O	NA	NA

PID Gas Table

Chemical Name	Formula	11.7 response	10.6 Response
Isooctane	C8H18	1	1.085
Isooctyl alcohol	C7H16O	NA	1.5
Isopentane	C5H12	4	6
Isophorone	C9H14O	3	NA
Isoprene	C5H8	0.6	0.698
Isopropanol	C3H8O	2.7	4.352
Isopropyl acetate	C5H10O2	NA	2.202
Isopropyl chloroformate	C4H7O2Cl	NA	1.6
Jet Fuel JP-4		0.42	0.75
Jet Fuel JP-5		0.46	0.65
Jet Fuel JP-8		0.32	0.65
Kerosene		NA	0.83
Ketene	C2H2O	NA	3
Liquefied petroleum gas		NA	ZR
Maleic anhydride	C4H2O3	NA	NA
Mercaptoacetic acid	C2H4O2S	NA	NA
Mercury	Hg	NA	NA
Mercury alkyls		NA	NA
Mesitylene	C9H12	0.32	0.34
Methacrylic acid	C4H6O2	NA	2.3
Methacrylonitrile	C4H5N	NA	NA
Methane	CH4	ZR	ZR
Methanol	CH4O	2.5	206.375
Methoxyethanol, 2-	C3H8O2	1.4	2.7
Methoxyethoxyethanol, 2-	C5H12O3	0.9	1.4
Methoxymethylethoxy- 2-propanol	C6H14O3	NA	1.3
Methoxypropan-2-ol	C4H10O2	1.1	3
Methoxypropylacetate	C6H12O3	0.8	1.2
Methyl acetate	C3H6O2	1.4	5.186
Methyl acrylate	C4H6O2	1.2	3.4
Methyl bromide	CH3Br	1.3	1.9
Methyl cyanoacrylate	C5H5O2N	NA	NA
Methyl ethyl ketone	C4H8O	1.1	0.766
Methyl ethyl ketone peroxides	C4H8O2	NA	NA
Methyl formate	C2H4O2	NA	ZR
Methyl isobutyl ketone	C6H12O	0.6	0.802
Methyl isocyanate	C2H3NO	1.5	ZR
Methyl isothiocyanate	C2H3NS	0.4	0.6
Methyl mercaptan	CH4S	1	0.7
Methyl methacrylate	C5H8O2	1.2	1.6
Methyl propyl ketone	C5H10O	0.79	0.79
Methyl salicylate	C8H8O3	NA	NA
Methyl sulphide	C2H6S	0.46	0.5
Methyl t-butyl ether	C5H12O	1	0.8
Methyl-2-propen-1-ol, 2-	C4H8O	NA	1.057
Methyl-2-pyrrolidinone, N-	C5H9NO	0.9	0.9
Methyl-4,6-dinitrophenol, 2-	C7H6N2O5	NA	NA
Methyl-5-hepten-2-one, 6-	C8H14O	NA	0.8
Methylamine	CH5N	1	1.4
Methylbutan-1-ol, 3-	C5H12O	NA	3.4

PID Gas Table

Chemical Name	Formula	11.7 response	10.6 Response
Methylcyclohexane	C7H14	0.53	1.1
Methylcyclohexanol, 4-	C7H14O	NA	2.4
Methylcyclohexanone 2-	C7H12O	NA	0.95
Methylheptan-3-one, 5-	C8H16O	NA	0.75
Methylhexan-2-one, 5-	C7H14O	NA	0.75
Methylhydrazine	CH6N2	1.3	1.3
Methyl-N-2,4, 6-tetranitroaniline, N-	C7H5N4O8	NA	NA
Methylpent-3-en-2-one, 4-	C6H10O	NA	0.72
Methylpentan-2-ol, 4-	C6H14O	NA	2.8
Methylpentane-2,4-diol, 2-	C6H14O2	NA	4
Methylpropan-2-ol, 2-	C4H10O	NA	3.5
Methylstyrene	C9H10	1	0.53
Mineral oil		NA	NA
Mineral spirits		0.39	0.8
Naphthalene	C10H8	0.4	0.44
Nitric oxide	NO	2.8	8
Nitroaniline 4-	C6H6N2O2	NA	0.8
Nitrobenzene	C6H5NO2	1.6	1.7
Nitroethane	C2H5NO2	3	ZR
Nitrogen dioxide	NO2	ZR	ZR
Nitrogen trichloride	NCI3	1	1
Nitrogen trifluoride	NF3	NA	ZR
Nitromethane	CH3NO2	4	ZR
Nitropropane, 1-	C3H7NO2	NA	ZR
Nitropropane, 2-	C3H7NO2	2.6	ZR
Nitrous oxide	N2O	NA	NA
Nonane, n-	C9H20	1	1.272
Norbornadiene, 2,5-	C8H12	NA	NA
Octachloronaphthalene	C10Cl8	NA	NA
Octane, n-	C8H18	NA	1.586
Octene, 1-	C8H16	NA	0.697
Oxalic acid	C2H2O4	NA	NA
Oxalonitrile	C2N2	NA	NA
Oxydiethanol 2,2-	C4H10O3	NA	4
Ozone	O3	NA	NA
Paraffin wax, fume		NA	NA
Pentacarbonyliron	FeC5O5	NA	NA
Pentachlorofluoroethane	C2Cl5F	NA	ZR
Pentachloroethane	C2HCl5	NA	ZR
Pentafluoroethane	C2HF5	NA	ZR
Pentan-2-one	C5H10O	NA	0.79
Pentan-3-one	C5H10O	NA	0.8
Pentandione, 2,4-	C5H8O2	NA	0.75
Pentane, n-	C5H12	0.7	7.887
Peracetic acid	C2H4O3	2.3	ZR
Perchloryl fluoride	ClO3F	NA	NA
Gasoline vapors		NA	0.8
Phenol	C6H6O	0.9	1.2
Phenyl-2,3-epoxypropyl ether	C9H10O2	NA	0.8
Phenylene diamine, p-	C6H8N2	NA	0.6

PID Gas Table

Chemical Name	Formula	11.7 response	10.6 Response
Phenyl propene, 2-	C9H10	NA	0.44
Phorate (ISO)	C7H17O2S3P	2.3	ZR
Phosgene	COCl2	2.1	NA
Phosphine	PH3	1.4	NA
Picoline, 3-	C6H7N	1	0.9
Picric acid	C6H3N3O7	NA	NA
Pinene, alpha	C10H16	0.47	0.317
Pinene, beta	C10H16	0.37	0.315
Piperidine	C5H11N	NA	NA
Piperylene	C5H8	0.64	0.669
Prop-2-yn-1-ol	C3H6O	NA	NA
Propan-1-ol	C3H8O	1.7	4.8
Propane	C3H8	1.8	ZR
Propane-1,2-diol, total	C3H8O2	NA	10
Propene	C3H6	1	1.4
Propionaldehyde	C3H6O	2	1.685
Propionic acid	C3H6O2	NA	8
Propranolol	C16H20O2N	NA	NA
Propyl acetate, n-	C5H10O2	4	2.5
Propylene dinitrate	C3H6N2O4	NA	NA
Propylene oxide	C3H6O	2	7
Propyleneimine	C3H7N	1	1.3
Pyridine	C5H5N	0.7	0.75
Pyridylamine 2-	C5H6N2	NA	0.8
Pyrocatechol	C6H6O2	NA	NA
Resorcinol	C6H6O2	NA	NA
Silane	SiH4	NA	NA
Sodium fluoroacetate	C2H2O2FN0	NA	NA
Styrene	C8H8	0.42	0.44
Sulphur dioxide	SO2	1.3	ZR
Sulphur hexafluoride	SF6	NA	ZR
Sulphur tetrafluoride	SF4	NA	ZR
Sulphuric acid	H2SO4	NA	NA
Sulphuryl fluoride	SO2F2	NA	ZR
T, 2,4,5- (ISO)	C8H5O3Cl3	NA	NA
Terphenyls	C18H14	NA	NA
Terpinolene		NA	0.467
Tert-butanol	C4H10O	NA	2.626
Tetrabromoethane, 1,1,2,2-	C2H2Br4	NA	2
Tetracarbonylnickel	Ni4CO4	NA	NA
Tetrachloro-2,2-difluoroethane, 1,1,1,2-	C2Cl4F2	NA	ZR
Tetrachloro-1,2-difluoroethane, 1,1,2,2-	C2Cl4F2	NA	ZR
Tetrachloro-1-fluoroethane, 1,1,2,2-	C2HCl4F	NA	ZR
Tetrachloro-2-fluoroethane, 1,1,1,2-	C2HCl4F	NA	ZR
Trichloro-1,1-difluoroethane, 1,2,2-	C2HCl3F2	NA	ZR
Trichloro-1,2-difluoroethane, 1,1,2-	C2HCl3F2	NA	ZR
Trichloro-2,2-difluoroethane, 1,1,1-	C2HCl3F2	NA	ZR
Dichloro-1,2,2-trifluoroethane, 1,2-	C2HCl2F3	NA	ZR
Chloro-1,1,1,2-difluoroethane, 2-	C2HClF4	NA	ZR
Chloro-1,1,2,2-difluoroethane, 1-	C2HClF4	NA	ZR

PID Gas Table

Chemical Name	Formula	11.7 response	10.6 Response
Tetrachloroethane, 1,1,1,2-	C2H2Cl4	0.6	ZR
Tetrachloroethane, 1,1,2,2-	C2H2Cl4	0.2	ZR
Tetrachloroethylene	C2Cl4	0.31	0.7
Tetrachloronaphthalenes, all isomers	C12H6Cl4	NA	NA
Tetraethyl orthosilicate	C8H20O4Si	0.2	NA
Tetraethyllead	C8H20Pb	0.2	ZR
Tetrafluoroethylene	C2F4	1	1
Tetrafluoroethane, 1,1,2,2-	C2H2F4	ZR	ZR
Tetrafluoroethane, 1,1,1,2-	C2H2F4	ZR	ZR
Tetrafluoromethane	CF4	ZR	ZR
Tetrahydrofuran	C4H8O	1	1.553
Tetramethyl orthosilicate	C4H12O4Si	NA	NA
Tetramethyl succinonitrile	C8H12N2	NA	NA
Therminol	C7H8	0.51	NA
Thionyl chloride	S02Cl2	NA	NA
Toluene	C7H8	0.51	0.514
Toluenesulphonyl chloride, p-	C7H7SO2Cl	NA	NA
Toluene-2,4-diisocyanate	C9H6N2O2	2	1.6
Tributyl phosphate	C12H27O4P	NA	NA
Tributylamine	C12H27N	NA	1
Trichlorobenzene 1,2,4-	C6H3Cl3	NA	0.55
Trichloroethane, 1,1,1-	C2H3Cl3	1	ZR
Trichloroethane, 1,1,2-	C2H3Cl3	1	ZR
Dichloro-1-fluoroethane, 1,2-	C2H3Cl2F	1	ZR
Dichloro-1-fluoroethane, 1,1-	C2H3Cl2F	1	ZR
Trichloro-2-fluoroethane, 1,1,2-	C2H2Cl3F	1	ZR
Dichloro-1,2-difluoroethane, 1,2-	C2H2Cl2F2	1	ZR
Dichloro-1,1-difluoroethane, 1,2-	C2H2Cl2F2	1	ZR
Chloro-1,2,2-trifluoroethane, 1-	C2H2ClF3	1	ZR
Chloro-1,1,1-trifluoroethane, 2-	C2H2ClF3	1	ZR
Chloro-1,1,2-trifluoroethane, 1-	C2H2ClF3	1	ZR
Chloro-1,1-difluoroethane, 2-	C2H3ClF2	1	ZR
Chloro-1,1-difluoroethane, 1-	C2H3ClF2	1	ZR
Trichloroethylene	C2HCl3	0.43	0.65
Trichlorofluoromethane	CCl3F	NA	ZR
Trichloronitromethane	CCl3NO2	NA	NA
Trichloropropane 1,2,3-	C3H5Cl3	NA	ZR
Trichlorotrifluoroethane, 1,1,2-	C2Cl3F3	2	ZR
Trichlorotrifluoroethane, 1,1,1-	C2Cl3F3	2	ZR
Triethylamine	C6H9N	0.65	0.9
Trifluoroethane, 1,1,2-	C2H3F3	34	ZR
Trifluoroethane, 1,1,1-	C2H3F3	34	ZR
Trifluoromethane	CH3F	NA	ZR
Trifluoroethanol, 2,2,2-	C2H3F3O	34	NA
Trimethylamine	C3H9N	0.3	0.5
Trimethylbenzene mixtures	C10H16	0.3	0.34
Trimethylbenzene, 1,3,5-	C9H12	0.32	0.34
Isophorone	C9H14O	NA	0.75
Trinitrotoluene 2,4,6-	C7H5N3O6	NA	NA
Turpentine	C10H16	1	0.6

PID Gas Table

Chemical Name	Formula	11.7 response	10.6 Response
Undecane, n-	C11H24	1	0.92
Vinyl acetate	C4H6O2	1	1.1
Vinyl bromide	C2H3Br	NA	1
Vinyl chloride	C2H3Cl	0.6	2.1
Vinyl-2-pyrrolidinone, 1-	C6H9NO	0.92	0.9
VOC		1	1
Xylene mixed isomers	C8H8	NA	0.43
Xylene, m-	C8H10	0.4	0.44
Xylene, o-	C8H10	0.69	0.6
Xylene, p-	C8H10	0.62	0.46
Xylidine, all	C8H11N	NA	0.7
WMD-Arsine	AsH3	NA	2
WMD-Lewsite	CICN	NA	1.2
WMD-Mustard Gas	C2H2AsCl3	NA	1
WMD-N-Mustard Gas	C4H18SCI2	NA	1.1
WMD-Phosgene	COCl2	2.1	ZR
WMD-Sarin	C4H10PO2F	NA	3.1
WMD-Soman	C7H116P02F	NA	3.2
WMD-Tabun	C5H11PN2O2	NA	1.2
WMD-VX	C11H26PNSO2	NA	1
WMD-GF	C7H14P02F	NA	3.3
WMD-DMMP	C3H9P03	NA	5
WMD-Triethyl phosphate	C6H15P03	NA	3.5
WMD-Methyl salicylate	C8H19O4	NA	1