

PID 能检测的气体成分 （VOC 挥发 性气体表 ）															
Gas Name	Gas Name	formula	Molecular weight	11.7bV (Ar) Factor	10.6eV (Kr) Factor	10.2eV (D2) Factor	8.4eV (Xe) Factor	High alarm ppm	Low alarm ppm	STEL alarm ppm	TWA alarm ppm	High alarm mg/m	Low alarm mg/m	STEL alarm mg/m	TWA alarm mg/m
Acetaldehyde	氧化乙烯	C2H4O	44	3.3	4.86	1	0	M	M	50	20	M	M	92	37
Acetic Acid	醋酸	C2H4O2	60	2.6	36.15	0	0	M	M	15	10	M	M	37	25
Acetic Anhydride	醋的醋酐	C4H6O3	102	2	0	0	0	M	M	2	0.5	M	M	10	2.5
Acetone	丙酮	C3H6O	58	1.4	0.71	1	1.2	M	M	1500	500	M	M	3620	1210
Acetonitrile	氰代甲烷	CH3CN	41	100	0	0	0	M	M	60	40	M	M	102	68
Acetylene	乙炔	C2H2	26	2	0	0	0	M	M	0	0	M	M	0	0
Acrolein	丙烯醛	C3H4O	56	3	4	1	0	M	M	0.3	0.1	M	M	0.7	0.2
Acrylic Acid	压克力的酸	C3H4O2	72	2	2.74	0	0	M	M	20	10	M	M	60	30
Acrylonitrile	丙烯腈	C3H3N	53	1.2	0	0	0	M	M	0	2	M	M	0	4.4
Allyl alcohol	烯 丙 醛 、 乙 烯 甲 醇	C3H6O	58	1.7	2.07	2	0	M	M	4	2	M	M	9.7	4.8
Allyl chloride	烯丙基氯、 3-氯丙 烯	C3H5Cl	77	0.7	4.5	0	0	M	M	0	0	M	M	0	0
Ammonia	氨	H3N	17	5.7	8.49	8	0	M	M	35	25	M	M	25	18
Amyl acetate, n-	戊完基醋酸盐 ,n-	C7H14O2	130	1	1.8	0	0	M	M	0	0	M	M	0	0
Amyl alcohol	戊完基酒精	C5H12O	88	4	3.2	5	0	M	M	0	0	M	M	0	0
Aniline	苯胺	C6H7N	93	0.47	0.5	0.5	0.5	M	M	0	1	M	M	0	4
Anisole	苯甲醚 =茴香醚	C7H8O	108	1	0.47	1	1	M	M	0	0	M	M	0	0
Arsine	三氢砷化、肿	AsH3	78	3	0	2	0	M	M	0	0.1	M	M	0	0.2
Asphalt, petroleum fumes	柏油， 石油臭气		150	0	1	0	0	M	M	0	0	M	M	10	5
Benzaldehyde	苯甲醛	C7H6O	106	1	0.85	1	0	M	M	0	0	M	M	0	0
Benzene	苯	C6H6	78	0.6	0.5	0.53	0	M	M	0	1	M	M	0	0
Benzenethiol	硫醇	C6H5SH	110	0	0.7	0	0	M	M	0	0.5	M	M	0	2.3
Benzonitrile	氰苯、 苯甲精	C7H5N	103	2	0.7	1	0	M	M	0	0	M	M	0	0

Benzyl alcohol	苯甲基酒精	C7H8O	108	0.9	1.25	1.2	1.4	M	M	0	0	M	M	0	0
Benzyl chloride	苯甲酰氯	C7H7Cl	127	0.5	0.55	1	0	M	M	1.5	0.5	M	M	7.9	2.6
Benzyl formate	苯甲基蚁酸盐	C8H8O2	136	0.66	0.77	1	0	M	M	0	0	M	M	0	0
Biphenyl	联苯基	C12H10	154	0	0.4	0	0	M	M	0.6	0.2	M	M	3.8	1.3
Bis(2,3-epoxypropyl) ether	醚	C6H10O3	130	0	3	0	0	M	M	0	0.1	M	M	0	0.5
Bromine	溴	Br2	160	0.74	0	0	0	M	M	0.3	0.1	M	M	2	0.7
Bromobenzene	溴苯	C6H5Br	157	0.5	0.7	1	0	M	M	0	0	M	M	0	0
Bromoethane	溴乙烷	C2H5Br	109	0	5	0	0	M	M	250	200	M	M	1130	906
Bromoethyl methyl ether , 2-	甲基醚 ,2-	C3H7OBr	139	2	2.5	1	0	M	M	0	0	M	M	0	0
Bromoform	氯仿	CHBr3	253	0.5	2.8	2	0	M	M	0	0.5	M	M	0	5.3
Bromopropane, 1-	丙烷 , 1-	C3H7Br	123	0.6	1.3	1	0	M	M	0	0	M	M	0	0
Butadiene	丁二烯	C4H6	54	1.1	0.83	1	0	M	M	0	0	M	M	0	0
Butadiene diepoxide, 1,3-	丁二烯二聚物	C4H6O2	86	1.2	4	10	0	M	M	0	0	M	M	0	0
Butane, n-	正丁烷 ,n-	C4H10	58	1	46.29	0	0	M	M	750	600	M	M	1810	1450
Butanol, 1-	正丁醇	C4H10O	74	1.4	4.01	70	0	M	M	30	50	M	M	0	30
Butene, 1-	保松泰	C4H8O	72	0	1.14	0	0	M	M	0	0	M	M	0	0
Butene, 1-	丁烯	C4H8	56	0	1	1	0	M	M	0	0	M	M	0	0
Butoxyethanol, 2-	2- 丁氧基乙醇	C6H14O2	118	0.62	1.1	1	1.8	M	M	50	25	M	M	0	0
Butyl acetate, n-	乙 酸 正 丁 酯、 醋 酸丁酯	C6H12O2	116	0	2.41	2	0	M	M	200	150	M	M	966	724
Butyl acrylate, n-	丙烯酸正丁酯	C7H12O2	128	0.6	1.5	1	0	M	M	5	1	M	M	26	5
Butyl mercaptan	丁硫醇	C4H10S	90	2	0.54	0.55	0	M	M	0	0	M	M	0	0
Butylamine, 2-	丁胺 , 2-	C4H11N	73	0	0.9	0	0	M	M	0	0	M	M	0	0
Butylamine, n-	丁胺	C4H11N	73	0.7	1	1	1.1	M	M	5	0	M	M	15	0
Camphene	莰烯	C10H16	136	0	0.45	0	0	M	M	0	0	M	M	0	0
Carbon disulfide	二硫化碳	CS2	76	0.3	1.4	1	0	M	M	0	10	M	M	0	32
Carbon tetrabromide	四溴甲烷	CBr4	332	0	3	0	0	M	M	0.3	0.1	M	M	4.1	1.4
Carbon tetrachloride	四氯化碳	CCl4	154	1.7	0	0	0	M	M	0	2	M	M	0	13
Carbonyl sulphide	碳酰硫化物	COS	60	11	0	0	0	M	M	0	0	M	M	0	0

Chlorine	氯	Cl2	71	1	0	0	0	M	M	1	0.5	M	M	2.9	1.5
Chlorine dioxide	二氧化氯	ClO2	67	2	1	0	0	M	M	0.3	0.1	M	M	0.8	0.3
Chloro-1,1,1-trifluoroethane, 2-	含氯氟烃 (CFC)	C2H2ClF3	118	1	0	0	0	M	M	0	0	M	M	0	0
Chloro-1,1,2-trifluoroethane, 1-	R 133b	C2H2ClF3	118	1	0	0	0	M	M	0	0	M	M	0	0
Chloro-1,1-difluoroethane, 1-	R 142b	C2H3ClF2	100	1	0	0	0	M	M	0	0	M	M	0	0
Chloro-1,1-difluoroethane, 2-	R 142	C2H3ClF2	100	1	0	0	0	M	M	0	0	M	M	0	0
Chloro-1,2,2-trifluoroethane, 1-	R 133	C2H2ClF3	118	1	0	0	0	M	M	0	0	M	M	0	0
Chloro-1,3-butadiene, 2-		C4H5Cl	89	4	3.2	3	0	M	M	0	10	M	M	0	37
Chloro-1-fluoroethane, 1-	R 151a	C2H4ClF	83	1	0	0	0	M	M	0	0	M	M	0	0
Chloro-2-fluoroethane, 1-	R 151	C2H4ClF	83	1	0	0	0	M	M	0	0	M	M	0	0
Chlorobenzene	氯苯	C6H5Cl	113	0.39	0.45	1	0	M	M	3	1	M	M	0	0
Chloroethane	氯乙烷	C2H5Cl	65	1.1	0	0	0	M	M	1250	1000	M	M	3380	2700
Chloroethanol 2-	乙撑氯醇、 2-氯乙醇	C2H5ClO	81	1	10	0	0	M	M	1	0	M	M	3.4	0
Chloroethyl methyl ether , 2-	2- 氯乙氧基甲烷、 2-氯乙基甲基醚	C3H7ClO	95	0	2.6	0	0	M	M	0	0	M	M	0	0
Chloroform	氯仿、三氯甲烷	CHCl3	119	3.5	0	0	0	M	M	0	2	M	M	0	9.9
Chloromethane	氯甲	CH3Cl	50	0.74	0	0	0	M	M	100	50	M	M	210	105
Chlorotoluene, o-	邻氯甲苯、 2-氯甲苯	C7H7Cl	127	0.6	0.45	1	1	M	M	0	0	M	M	0	0
Chlorotoluene, p-	对氯甲苯	C7H7Cl	127	0.6	0.5	1	1	M	M	0	0	M	M	0	0
Chlorotrifluoroethylene	氟乙烯 , 乙烯基氟	C2ClF3	116	1	1	0	0	M	M	0	0	M	M	0	0
Cresol, m-	甲酚 -m	C7H8O	108	0	1.05	0	0	M	M	0	5	M	M	0	22
Cresol, o-	甲酚 -o	C7H8O	108	0	1.05	0	0	M	M	0	5	M	M	0	22
Cresol, p-	甲酚 -p	C7H8O	108	0	1.05	0	0	M	M	0	5	M	M	0	22
Crotonaldehyde	巴豆醛、 2-丁烯醛	C4H6O	70	1	1	2	1.5	M	M	0	0	M	M	0	0

Cumene	枯烯、异丙基苯	C9H12	120	0.4	0.58	0.5	15	M	M	50	25	M	M	250	125
Cyclohexane	环己烷、六氢化苯	C6H12	84	0.64	1.16	2	3.3	M	M	300	100	M	M	1050	350
Cyclohexanol	环己醇	C6H12O	100	1.1	2.9	1	0	M	M	0	50	M	M	0	208
Cyclohexanone	环己酮	C6H10O	98	0.7	1.03	1	0	M	M	20	10	M	M	0	0
Cyclohexene	环己烯	C6H10	82	1	0.75	1	0	M	M	0	0	M	M	0	0
Cyclohexylamine	环己胺、六氢苯胺	C6H13N	99	1	0.98	1	1	M	M	0	10	M	M	0	41
Cyclopentane	环戊烷、五亚甲基	C5H10	70	0.6	4	0	0	M	M	0	0	M	M	0	0
Decane, n-	癸烷	C10H22	142	0.35	1.04	2	0	M	M	0	0	M	M	0	0
Diacetone alcohol	双丙酮醇	C6H12O2	116	0	0.8	0	0	M	M	0	0	M	M	0	0
Dibromochloromethane	溴氯甲烷	CHBr2Cl	208	0.7	10	5	0	M	M	0	0	M	M	0	0
Dibromoethane 1,2-	二溴乙烷	C2H4Br2	188	0.6	2	0	0	M	M	0	0.5	M	M	0	3.9
Dichloro-1,1-difluoroethane, 1,2-	R 132a	C2H2Cl2F2	135	1	0	0	0	M	M	0	0	M	M	0	0
Dichloro-1,2-difluoroethane, 1,2-	R 132	C2H2Cl2F2	135	1	0	0	0	M	M	0	0	M	M	0	0
Dichloro-1-fluoroethane, 1,1-	R141b	C2H3Cl2F	117	2	0	0	0	M	M	0	0	M	M	0	0
Dichloro-1-fluoroethane, 1,1-	R 141a	C2H3Cl2F	117	1	0	0	0	M	M	0	0	M	M	0	0
Dichloro-1-fluoroethane, 1,2-	R 141	C2H3Cl2F	117	1	0	0	0	M	M	0	0	M	M	0	0
Dichloro-1-propene, 2,3-	2,3-di-Cl-1-propene	C3H4Cl2	111	0.7	1.4	1	1.9	M	M	0	0	M	M	0	0
Dichloro-2,2,-difluoroethane, 1,1-	R 1112a	C2H2Cl2F2	135	10	0	0	0	M	M	0	0	M	M	0	0
Dichlorobenzene o-	二氯 (代)苯 o-	C6H4Cl2	147	0.38	0.5	0.5	0	M	M	50	25	M	M	306	153
Dichloroethane 1,2-	EDA or 1,2-DCA	C2H4Cl2	99	0.6	0	0	0	M	M	0	5	M	M	0	21
Dichloroethane, 1,1-	1,1-DCA	C2H4Cl2	99	2	0	0	0	M	M	0	100	M	M	0	0
Dichloroethene, 1,1-	1,1-DCE	C2H2Cl2	97	1	0.95	1	0	M	M	0	10	M	M	0	40
Dichloroethene, cis-1,2-	c-1,2-DCE	C2H2Cl2	97	1	0.8	1	0	M	M	0	0	M	M	0	0
Dichloroethene, trans-1,2-	t-1,2-DCE	C2H2Cl2	97	0.3	0.7	1	0	M	M	0	0	M	M	0	0
Dichloroethylene 1,2-	二氯乙烯 1, 2-	C2H2Cl2	97	0	0.75	0	0	M	M	250	200	M	M	1010	806

Dichloromethane	二氯甲	CH2Cl2	85	0.89	39	0	0	M	M	300	100	M	M	1060	350
Dichloropropane, 1,2-	氯丙烷 1 , 2-	C3H6Cl2	113	0.7	0	1	0	M	M	0	0	M	M	0	0
Dicyclopentadiene	二环戊二烯	C10H12	132	0	0.81	1	0	M	M	0	5	M	M	0	27
Diesel Fuel	柴油机燃料		0	0.4	0.75	3	10	M	M	0	0	M	M	0	0
Diethyl ether	二乙醚	C4H10O	74	1.9	0.88	0	0	M	M	200	100	M	M	620	310
Diethyl sulphide		C4H10S	90	1	0.55	1	3	M	M	0	0	M	M	0	0
Diethylamine	二乙胺	C4H11N	73	1	1	1	1	M	M	25	10	M	M	76	30
Diethylaminoethanol, 2-	Di-Et-aminoethanol	C6H15ON	117	0	2.7	0	0	M	M	0	10	M	M	0	49
Diethylaminopropylamine, 3-	Di-Pr-aminoethanol	C7H18N2	130	0	1	0	0	M	M	0	0	M	M	0	0
Diisobutylene	二异丁烯	C8H16	112	0	0.64	0	0	M	M	0	0	M	M	0	0
Diisopropyl ether	二异丙醚	C6H14O	102	0	0.68	1	0	M	M	310	250	M	M	1310	1060
Diisopropylamine	异丙胺	C6H15N	101	0.53	0.7	1	0.84	M	M	0	5	M	M	0	21
Diketene	双稀酮	C4H4O2	84	1.4	2.2	2	2.6	M	M	0	0	M	M	0	0
Dimethoxymethane	二甲氧基甲烷	C3H8O2	76	0	1.4	0	0	M	M	1250	1000	M	M	3950	3160
Dimethyl cyclohexane, 1,2-	1,2 DMCH	C8H16	112	0	1.05	0	0	M	M	0	0	M	M	0	0
Dimethyl disulphide	DMDS	C2H6S2	94	0.2	0.23	0.2	0.2	M	M	0	0	M	M	0	0
Dimethyl ether	二甲醚	C2H6O	46	0	1.3	4.8	4.8	M	M	500	400	M	M	958	766
Dimethyl sulphate	二甲硫酸	C2H6O4S	126	2.29	0	20	23	M	M	0	0.1	M	M	0	0.3
Dimethyl sulphide	二甲硫	C2H6S	62	0.46	0.5	0.5	0.49	M	M	50	100	M	M	0	10
Dimethylacetamide N,N-	DMA	C4H9NO	87	0.8	0	0.8	0.9	M	M	20	10	M	M	72	36
Dimethylamine	二甲胺	C2H7N	45	2	1.4	1.5	1.5	M	M	6	2	M	M	11	3.8
Dimethylaniline, NN-	二甲基苯胺 , NN-	C8H11N	121	0	0.6	0	0	M	M	10	5	M	M	50	25
Dimethylbutyl acetate	sec- Hexyl acetate	C8H16O2	144	2	0	2	2	M	M	100	50	M	M	599	299
Dimethylethylamine, NN-	DMEA	C4H11N	73	0.9	0.8	1	1.1	M	M	15	10	M	M	46	30
Dimethylformamide	DMF	C3H7NO	73	1	0.9	1	0	M	M	20	10	M	M	61	30
Dimethylheptan-4-one, 2,6-	Isovalerone	C9H18O	142	0	0.8	0	0	M	M	0	25	M	M	0	148

Dimethylhydrazine, 1,1-	UDMH	C2H8N2	60	0.8	1	2	2	M	M	0	0	M	M	0	0
Dioxane 1,2-	二氧杂环乙烷 1, 2-	C4H8O2	88	0	1.5	0.54	0	M	M	0	0	M	M	0	0
Dioxane 1,4-	二氧杂环乙烷 1, 4-	C4H8O2	88	0	1.5	0	0	M	M	100	25	M	M	366	91
Diphenyl ether	二苯醚	C12H10O	170	0	0.8	0	0	M	M	0	1	M	M	0	7.1
Divinylbenzene	二乙烯基苯	C10H10	130	0	0.4	0	0	M	M	0	10	M	M	0	54
Epichlorohydrin	表氯醇	C3H5ClO	93	1.4	8	1	0	M	M	1.5	0.5	M	M	5.8	1.9
Epoxypropyl isopropyl ether, 2,3-	Iso-Pr glycidyl ethe	C6H12O2	116	0	1.1	0	0	M	M	75	50	M	M	363	241
Ethanol	乙醇	C2H6O	46	8	8.72	0	0	M	M	0	1000	M	M	0	1920
Ethanolamine	乙醇胺	C2H7NO	61	3	3	0	0	M	M	0	0	M	M	0	0
Ethoxyethanol, 2-	乙氧基乙醇 1, 2-	C4H10O2	90	3	29.83	1	0	M	M	0	10	M	M	0	37
Ethyl (S)-(-)-lactate	Ethyl lactate	C5H10O3	118	1.6	3	4	13	M	M	0	0	M	M	0	0
Ethyl acetate	乙酸乙酯	C4H8O2	88	1	3.63	5	0	M	M	400	200	M	M	0	0
Ethyl acrylate	丙酸乙酯	C5H8O2	100	1	2	3	0	M	M	15	5	M	M	62	21
Ethyl amine	氨基乙烷乙酯	C2H7N	45	1	1	1	0	M	M	6	2	M	M	11	3.8
Ethyl benzene	苯乙酯	C8H10	106	0.51	0.54	0.52	0.52	M	M	125	100	M	M	552	441
Ethyl butyrate	丁酸乙酯	C6H12O2	116	0	0.95	0	2	M	M	0	0	M	M	0	0
Ethyl chloroformate	Ethyl-Cl-formate	C3H5O2Cl	109	1.95	83	0	0	M	M	0	1	M	M	0	4.5
Ethyl cyanoacrylate	Et-cyanoacrylate	C6H7O2N	125	0	0	0	3	M	M	0.3	0	M	M	1.5	0
Ethyl formate	家酸乙酯	C3H6O2	74	1.9	29.83	0	0	M	M	150	100	M	M	462	308
Ethyl hexyl acrylate, 2-	Octyl acrylate	C11H20O2	184	0.5	1	1.2	0	M	M	0	0	M	M	0	0
Ethyl mercaptan	乙硫醇	C2H6S	62	1	0.69	0	0	M	M	2	0.5	M	M	5.2	1.3
Ethylene	乙烯	C2H4	28	3	8	0	0	M	M	0	0	M	M	0	0
Ethylene glycol	乙烯乙二醇	C2H6O2	62	0	20	0	0	M	M	0	0	M	M	104	52
Ethylene oxide	乙撑氧	C2H4O	44	2	15	0	0	M	M	0	5	M	M	0	9.2
Formaldehyde	甲醛	CH2O	30	0.6	0	0	0	M	M	2	2	M	M	2.5	2.5
Formic acid	蚁酸	CH2O2	46	5	0	0	0	M	M	0	5	M	M	0	9.6

Furfural	糠醛	C5H4O2	96	0.8	1.38	1	0	M	M	0	0	M	M	0	0
Furfuryl alcohol	糠醇	C5H6O2	98	0	2	0	0	M	M	15	5	M	M	61	20
Gasoline vapors	汽油蒸汽		72	0	1.05	0	0	M	M	0	0	M	M	0	0
Gasoline vapors	汽油蒸汽		72	0	0.8	1	0	M	M	0	0	M	M	0	0
Gasoline vapors 92 octane	汽油蒸汽 92辛烷		72	0.47	0.8	1.3	2	M	M	0	0	M	M	0	0
Germane	锗烷	GeH4	77	0	10	0	0	M	M	0.6	0.2	M	M	1.9	0.6
Glutaraldehyde	戊二醛	C5H8O2	100	0.6	0.9	1.1	0	M	M	0.1	0.1	M	M	0.2	0.2
Halothane	氟烷	CF3CHBrCl	197	0.6	0	0	0	M	M	0	10	M	M	0	82
Heptan-2-one	庚烷 -2-1	C7H14O	114	0	0.73	0	0	M	M	100	50	M	M	475	237
Heptan-3-one	庚烷 -3-1	C7H14O	114	0	0.75	0	0	M	M	100	35	M	M	475	166
Heptane n-	庚烷 n-	C7H16	100	0.6	2.06	45	50	M	M	0	500	M	M	0	0
Hexachloroethane	R 110 六氯乙烷	C2Cl6	237	1	0	0	0	M	M	0	5	M	M	0	49
Hexamethyldisilazane, 1,1,1,3,3,3-	HMDS 六甲基二硅氮烷 1, 1, 1, 3, 3, 3-	C6H19NSi2	161	0.19	0	1	1	M	M	0	0	M	M	0	0
Hexan-2-one	己烷 -2-1	C6H12O	100	0	0.8	0	0	M	M	0	5	M	M	0	21
Hexane n-	己烷 n-	C6H14	86	0.5	3.28	1	0	M	M	0	20	M	M	0	72
Hexene, 1-	己烯 1-	C6H12	84	0	0.9	0	0	M	M	0	0	M	M	0	0
Hydrazine	联氨	H4N2	32	2.1	3	3	3	M	M	0.1	0	M	M	0.1	0
Hydrogen peroxide	过氧化氢	H2O2	34	1	0	0	0	M	M	2	1	M	M	2.8	1.4
Hydrogen sulfide	硫化氢	H2S	34	1.5	4	0	0	10	5	10	5	10	5	14	7
Hydroquinone	对苯二酚	C6H6O2	110	0	0.8	0	0	M	M	0	0	M	M	4	2
iminodi(ethylamine) 2,2-	乙胺 2, 2-	C4H13N3	103	0	0.9	0	0	M	M	0	1	M	M	0	4.3
iminodiethanol 2,2'-		C4H11NO2	105	0	1.6	0	0	M	M	0	3	M	M	0	13
indene	茚	C9H8	116	0	0.46	0	0	M	M	15	10	M	M	72	48
iodine	碘	I2	254	0.1	0.15	1	0	M	M	0.1	0	M	M	1.1	0
iodoform	碘仿	CHI3	394	0	1.5	0	0	M	M	1	0.6	M	M	16	9.8
iodomethane	碘甲烷	CH3I	142	0.26	0.4	1	0	M	M	0	2	M	M	0	12

soamyl acetate	乙酸异戊酯	C7H14O2	130	0	1.6	0	0	M	M	100	50	M	M	541	270
sobutane	异丁烷	C4H10	58	1.2	8	0	0	M	M	0	0	M	M	0	0
sobutanol	丁醇	C4H10O	74	1.5	3.5	19	0	M	M	75	50	M	M	231	154
sobutyl acetate	乙酸异丁酯	C6H12O2	116	0	2.25	0	0	M	M	187	150	M	M	903	724
sobutyl acrylate	丙烯酸异丁酯	C7H12O2	128	0.6	1.3	0	0	M	M	0	0	M	M	0	0
sobutylene	异丁烯	C4H8	56	1	1	2	0	100	50	0	0	100	50	0	0
sobutyraldehyde	丁醛	C4H8O	72	0	1.2	0	0	M	M	0	0	M	M	0	0
sooctane	异辛烷	C8H18	114	1	1.08	1	0	M	M	0	0	M	M	0	0
sooctyl alcohol	异丁醇	C8H18O	130	0	1.5	0	0	M	M	0	50	M	M	0	271
sopentane	异戊烷	C5H12	72	4	6	0	0	M	M	0	0	M	M	0	0
sophorone	异佛乐酮	C9H14O	138	3	0	1	0	M	M	0	0	M	M	0	0
sophorone	异佛乐酮	C9H14O	138	0	0.75	0	0	M	M	5	0	M	M	29	0
soprene	橡胶基质	C5H8	68	0.6	0.69	1	0.69	M	M	100	250	M	M	0	100
sopropanol	异丙醇	C3H8O	60	2.7	4.35	40	500	M	M	500	400	M	M	1250	999
sopropyl acetate	乙酸异丙脂	C5H10O2	102	0	2.2	5	0	M	M	200	0	M	M	0	849
sopropyl chloroformate	Isopropyl-Cl-formate 氯甲酸酯	C4H7O2Cl	123	0	1.6	0	0	M	M	0	1	M	M	0	5.1
Jet Fuel JP-4	喷射染料 JP-4		0	0.42	0.75	1	0	M	M	0	0	M	M	0	0
Jet Fuel JP-5	喷射燃料 JP-5		0	0.46	0.65	1	0	M	M	0	0	M	M	0	0
Jet Fuel JP-8	喷射燃料 JP-8		0	0.32	0.65	1	0	M	M	15	30	M	M	0	15
Kerosene	C10-C16 煤油		170	0	0.83	0	0	M	M	0	0	M	M	0	0
Ketene	乙烯酮	C2H2O	42	0	3	0	0	M	M	1.5	0.5	M	M	2.6	0.9
Mesitylene	莠	C9H12	120	0.32	0.34	0.36	1	M	M	100	250	M	M	500	100
Methacrylic acid	甲基丙烯酸	C4H6O2	86	0	2.29	0	0	M	M	40	20	M	M	143	72
Methanol	甲醇	CH4O	32	2.5	206.37	0	0	M	M	250	200	M	M	333	266
Methoxyethanol, 2-		C3H8O2	76	1.4	2.7	4.8	0	M	M	0	0	M	M	0	0
Methoxyethoxyethanol, 2-		C5H12O3	120	0.9	1.4	2.29	0	M	M	0	0	M	M	0	0
Methoxymethylethoxy-2-prop anol		C6H14O3	134	0	1.3	0	0	M	M	0	50	M	M	0	308

Methoxypropan-2-ol	1M2P	C4H10O2	90	1.1	3	1.5	0	M	M	150	100	M	M	560	375
Methoxypropyl acetate		C6H12O3	132	0.8	1.2	0	0	M	M	100	50	M	M	548	274
Methyl acetate	乙酸甲酯	C3H6O2	74	1.4	5.18	1	0	M	M	250	200	M	M	770	616
Methyl acrylate	丙烯酸甲酯	C4H6O2	86	1.2	3.4	3	0	M	M	0	10	M	M	0	36
Methyl bromide	甲基溴	CH3Br	95	1.3	1.9	0	0	M	M	2	5	M	M	0	1
Methyl ethyl ketone	MEK 甲基酮	C4H8O	72	1.1	0.76	0.86	0.86	M	M	300	200	M	M	899	600
Methyl isobutyl ketone	MIBK	C6H12O	100	0.6	0.8	0.9	0.9	M	M	100	50	M	M	416	208
Methyl isocyanate	甲基异氰酸盐	C2H3NO	57	1.5	0	0	0	M	M	0	0	M	M	0	0
Methyl isothiocyanate	甲基硫氰酸	C2H3NS	73	0.4	0.6	1	0	M	M	0	0	M	M	0	0
Methyl mercaptan	甲硫醇	CH4S	48	1	0.7	1	0	M	M	0	0.5	M	M	0	1
Methyl methacrylate	甲基丙烯酸甲酯	C5H8O2	100	1.2	1.6	1	2.7	M	M	100	50	M	M	416	208
Methyl propyl ketone	MPK	C5H10O	86	0.79	0.79	1	0	M	M	250	200	M	M	895	716
Methyl sulphide	DMS 甲基硫	C2H6S	62	0.46	0.5	0.5	0.49	M	M	0	0	M	M	0	0
Methyl t-butyl ether	MTBE	C5H12O	88	1	0.8	1	0	M	M	75	25	M	M	275	92
Methyl-2-propen-1-ol, 2-		C4H8O	72	0	1.05	0	0	M	M	0	0	M	M	0	0
Methyl-2-pyrrolidinone, N-	NMP	C5H9NO	99	0.9	0.9	1	1	M	M	75	25	M	M	309	103
Methyl-5-hepten-2-one, 6-	6-Me-5-hepten-2-one	C8H14O	126	0	0.8	0	0	M	M	0	0	M	M	0	0
Methylamine	甲胺	CH5N	31	1	1.4	1	0	M	M	0	10	M	M	0	13
Methylbutan-1-ol, 3-		C5H12O	88	0	3.4	0	0	M	M	125	100	M	M	458	366
Methylcyclohexane	Me-cyclohexane	C7H14	98	0.53	1.1	1.6	0	M	M	400	500	M	M	500	400
Methylcyclohexanol, 4-	Me-cyclohexanol	C7H14O	114	0	2.4	0	0	M	M	75	50	M	M	356	237
Methylcyclohexanone 2-	Me-cyclohexanone	C7H12O	112	0	0.95	0	0	M	M	75	50	M	M	350	233
Methylheptan-3-one, 5-	Amyl ethyl ketone	C8H16O	128	0	0.75	0	0	M	M	20	10	M	M	0	0
Methylhexan-2-one, 5-	MIAC	C7H14O	114	0	0.75	0	0	M	M	100	20	M	M	475	95
Methylhydrazine	甲基联氨	CH6N2	46	1.3	1.3	1.4	1.4	M	M	0	0	M	M	0	0
Methylpent-3-en-2-one, 4-		C6H10O	98	0	0.72	0	0	M	M	25	15	M	M	102	61
Methylpentan-2-ol, 4-	MIBC	C6H14O	102	0	2.8	0	0	M	M	40	25	M	M	170	106

Methylpentane-2,4-diol, 2-	hexylene glycol	C6H14O2	118	0	4	0	0	M	M	25	25	M	M	123	123
Methylpropan-2-ol, 2-	tert-Butyl alcohol	C4H10O	74	0	3.5	0	0	M	M	150	100	M	M	462	308
Methylstyrene	甲基苯乙烯	C9H10	118	1	0.53	1	1	M	M	150	100	M	M	736	491
Mineral spirits	矿油精		90	0.39	0.8	1	0	M	M	0	0	M	M	0	0
Naphthalene	卫生球	C10H8	128	0.4	0.44	0.45	0.45	M	M	15	10	M	M	80	53
Nitric oxide	一氧化氮	NO	30	2.8	8	1	0	M	M	35	25	M	M	44	31
Nitroaniline 4-	硝基苯胺 4-	C6H6N2O2	138	0	0.8	0	0	M	M	0	0	M	M	0	6
Nitrobenzene	硝基苯	C6H5NO2	123	1.6	1.7	2.6	0	M	M	2	1	M	M	10	5.1
Nitroethane	硝基乙烷	C2H5NO2	75	3	0	0	0	M	M	0	100	M	M	0	312
Nitrogen trichloride	三氯化氮	NCI3	120	1	1	1	0	M	M	0	0	M	M	0	0
Nitromethane	硝基甲烷	CH3NO2	61	4	0	0	0	M	M	150	100	M	M	381	254
Nitropropane, 2-	硝基甲烷 2-	C3H7NO2	89	2.6	0	0	0	M	M	0	0	M	M	0	0
Nonane, n-	壬烷 n-	C9H20	128	1	1.27	1	0	M	M	0	0	M	M	0.3	0.1
Octane, n-	辛烷 n-	C8H18	114	0	1.58	13.2	13.2	M	M	0	0	M	M	0	0
Octene, 1-	辛烷 1-	C8H16	112	0	0.69	0	0	M	M	0	0	M	M	0	0
Oxydiethanol 2,2-		C4H10O3	106	0	4	0	0	M	M	0	23	M	M	0	101
Pentan-2-one	戊烷 -2-1	C5H10O	86	0	0.79	1	0	M	M	250	200	M	M	895	716
Pentan-3-one	戊烷 -3-1	C5H10O	86	0	0.8	0	0	M	M	250	200	M	M	895	716
Pentandione, 2,4-		C5H8O2	100	0	0.75	0	0	M	M	0	0	M	M	0	0
Pentane, n-	戊烷 n-	C5H12	72	0.7	7.88	10	0	M	M	600	750	M	M	0	600
Peracetic acid	过氧乙酸	C2H4O3	76	2.29	0	0	0	M	M	0	0	M	M	0	0
Phenol	石碳酸	C6H6O	94	0.9	1.2	1	1	M	M	0	2	M	M	0	0
Phenyl propene, 2-	丙烯苯 2-	C9H10	118	0	0.44	0	0	M	M	100	50	M	M	491	246
Phenyl-2,3-epoxypropyl ether	PGE	C9H10O2	150	0	0.8	0	0	M	M	0	1	M	M	0	6.2
Phenylenediamine, p-	苯二胺, p-	C6H8N2	108	0	0.6	0	0	M	M	0	0	M	M	0	0.1
Phorate (ISO)	甲拌磷	C7H17O2S3P	260	2.29	0	0	0	M	M	0	0	M	M	0.2	0.1
Phosgene	光气	COCl2	99	2.1	0	0	0	M	M	0.1	0	M	M	0.3	0.1
Phosphine	磷化氢	PH3	34	1.4	0	0	0	M	M	0.3	0	M	M	0.4	0
Picoline, 3-	甲基吡啶 3-	C6H7N	93	1	0.9	1	0	M	M	0	0	M	M	0	0

Pinene, alpha	松萜 第一种	C10H16	136	0.47	0.31	0.38	1.1	M	M	0	0	M	M	0	0
Pinene, beta	松萜 第二种	C10H16	136	0.37	0.31	0.76	0.38	M	M	0	0	M	M	0	0
Piperylene	戊间二烯	C5H8	68	0.64	0.66	1	0	M	M	0	0	M	M	0	0
Propan-1-ol	丙烷 -1-醇	C3H8O	60	1.7	4.8	10	0	M	M	250	200	M	M	625	500
Propane	丙烷	C3H8	44	1.8	0	0	0	M	M	0	0	M	M	0	0
Propane-1,2-diol, total	丙 -1 , 2-二醇 , 总	C3H8O2	76	0	10	0	0	M	M	0	150	M	M	0	474
Propene	丙烯	C3H6	42	1	1.4	2	0	M	M	0	0	M	M	0	0
Propionaldehyde	乙醛	C3H6O	58	2	1.68	2	0	M	M	0	0	M	M	0	0
Propionic acid	酸介子	C3H6O2	74	0	8	0	0	M	M	15	10	M	M	46	31
Propyl acetate, n-	醋酸丙烷 , n-	C5H10O2	102	4	2.5	0	0	M	M	250	200	M	M	1060	849
Propylene oxide	环氧丙烷	C3H6O	58	2	7	1	0	M	M	0	5	M	M	0	12
Propyleneimine	丙烯亚胺	C3H7N	57	1	1.3	1.5	1.5	M	M	0	0	M	M	0	0
Pyridine	嘧啶	C5H5N	79	0.7	0.75	0.8	0	M	M	10	5	M	M	33	16
Pyridylamine 2-	氨苯化合物 2-	C5H6N2	94	0	0.8	0	0	M	M	2	0.5	M	M	7.8	2
Styrene	苯乙烯	C8H8	104	0.42	0.44	1	0.45	M	M	250	100	M	M	1080	430
Sulphur dioxide	二氧化硫	SO2	64	1.3	0	0	0	M	M	5	2	M	M	13	5.3
Terpinolene	异松油烯	C10H16	136	0	0.46	0	0	M	M	0	0	M	M	0	0
Tert-butanol	三元丁醇	C4H10O	74	0	2.62	0	0	M	M	0	0	M	M	0	0
Tetrabromoethane, 1,1,2,2-	四溴乙烷 1 , 1 , 2 , 2-	C2H2Br4	346	0	2	0	0	M	M	0	0.5	M	M	0	7.2
Tetrachloroethane, 1,1,1,2-	四溴乙烷 1 , 1 , 1 , 2-	C2H2Cl4	168	0.6	0	0	0	M	M	0	0	M	M	0	0
Tetrachloroethane, 1,1,2,2-	R130 四溴乙烷 1 , 1 , 2 , 2-	C2H2Cl4	168	0.2	0	0	0	M	M	0	0	M	M	0	0
Tetrachloroethylene	Perchloroethylen e 四氯乙烯	C2Cl4	166	0.31	0.7	1	0.69	M	M	100	50	M	M	689	345
Tetraethyl orthosilicate	Ethyl orthosilicate 原硅酸四乙酯	C8H20O4Si	208	0.2	0	1	0	M	M	30	10	M	M	260	87
Tetraethyllead	四乙铅	C8H20Pb	323	0.2	0	0	0	M	M	0	0	M	M	450	0

Tetrafluoroethylene	R1114 四氯乙 烯	C2F4	100	1	1	0	0	M	M	0	0	M	M	0	0
Tetrahydrofuran	THF 四氢呋喃	C4H8O	72	1	1.55	1.9	0	M	M	100	50	M	M	300	150
Therminol	TNT	C7H8	92	0.51	0	0.9	0.54	M	M	2	5	M	M	1	1
Toluene	甲苯	C7H8	92	0.51	0.51	0.54	0	M	M	150	50	M	M	574	191
Toluene-2,4-diisocyanate	TDI	C9H6N2O2	174	2	1.6	2	0	M	M	0	0	M	M	0	0
Tributylamine		C12H27N	185	0	1	0	0	M	M	0	0	M	M	0	0
Trichloro-2-fluoroethane, 1,1,2-	R 131	C2H2Cl3F	151	1	0	0	0	M	M	0	0	M	M	0	0
Trichlorobenzene 1,2,4-	三氯（代）苯 1 , 2 , 4-	C6H3Cl3	181	0	0.55	0	0	M	M	5	1	M	M	0	0
Trichloroethane, 1,1,1-	R140	C2H3Cl3	133	1	0	0	0	M	M	200	100	M	M	1110	555
Trichloroethane, 1,1,2-	R140a	C2H3Cl3	133	1	0	0	0	M	M	0	0	M	M	0	0
Trichloroethylene	R 1120	C2HCl3	131	0.43	0.65	0.62	0	M	M	150	100	M	M	820	550
Trichlorotrifluoroethane, 1,1,1-	R 113a	C2Cl3F3	187	2	0	0	0	M	M	0	0	M	M	0	0
Trichlorotrifluoroethane, 1,1,2-	R 113	C2Cl3F3	187	2	0	0	0	M	M	1250	1000	M	M	3186	1236
Triethylamine	TEA 三乙胺	C6H15N	101	0.65	0.9	0.95	1.5	M	M	4	2	M	M	17	8
Trifluoroethane, 1,1,1-	R 143a	C2H3F3	84	34	0	0	0	M	M	0	0	M	M	0	0
Trifluoroethane, 1,1,2-	R 143	C2H3F3	84	34	0	0	0	M	M	0	0	M	M	0	0
Trifluoroethanol, 2,2,2-	三氟乙醇 1 , 2 , 2 , 2-	C2H3F3O	100	34	0	0	0	M	M	0	0	M	M	500	0
Trimethylamine	三乙胺	C3H9N	59	0.3	0.5	1	0.36	M	M	15	10	M	M	37	25
Trimethylbenzene mixtures	三甲基苯混合物	C9H12	120	0.3	0.34	0.36	1	M	M	0	25	M	M	0	125
Trimethylbenzene, 1,3,5-	三甲基苯 1 , 3 , 5-	C9H12	120	0.32	0.34	0.36	1	M	M	100	250	M	M	500	100
Turpentine	Pinenes 松节 油	C10H16	136	1	0.6	1	1	M	M	150	100	M	M	850	566
TVOC			100	1	1	0	0	100	50	0	0	100	50	0	0

[illegible]