

Species	300 Meter Open Path	100 Meter Cell	Species	300 Meter Open Path	100 Meter Cell
acetaldehyde	20	30	hydrocarbon continuum	10	15
acetic acid	5	7 *	hydrogen chloride	2	4
acetone	30	10	hydrogen cyanide	5	4
acetonitrile	50	70	hydrogen sulfide	300	500
acetylene	2	2	isobutane	2	1
acrolein	5	7	isobutanol	4	6 *
acrylic acid	10	5 *	isobutyl acetate	5	7
acrylonitrile	6	10	isobutylene	4	4
ammonia	2	3 *	isoprene	4	5
benzene	25	3 *	isopropanol	10	10 *
1,3-butadiene	2	3	isopropyl ether	10	5
butane	HC		methanol	4	6 *
butanol	15	20 *	methylamine	20	20 *
1-butene	10	15	methyl benzoate	20	30
cis-2-butene	25	30	methyl chloride	60	80
trans-2-butene	10	15	methylene chloride	5	8
butyl acetate	5	7	methyl ether	10	15
carbon disulfide	dry only	50	methyl ethyl ketone	40	60 *
carbon monoxide	1	4	methyl isobutyl ketone	15	25 *
carbon tetrachloride	2	2	methyl mercaptan	40	60
carbonyl sulfide	2	3	methyl methacrylate	5	5
chlorobenzene	10	10	2-methyl propene	2	4
chloroethane	10	15	morpholine	2	3
chloroform	2	2	nitric acid	1	2
m-cresol	20	15	nitric oxide	25	20
o-cresol	4	8	nitrogen dioxide	50	50
p-cresol	10	15	nitrous acid	5	7
cyclohexane	3	5	ozone	3	5
1,2-dibromoethane	5	7	pentane	HC	
m-dichlorobenzene	3	5	phosgene	1	2
o-dichlorobenzene	3	5	phosphine	2	3
p-dichlorobenzene	2	3	propane	10	10
1,1-dichloroethane	10	10	propanol	20	30 *
1,2-dichloroethane	30	40	propionaldehyde	10	15
1,1-dichloroethylene	2	4	propylene	4	10
dimethylamine	20	30 *	propylene dichloride	10	15
dimethyl disulfide	10	15	propylene oxide	10	15
1,4 dimethyl piperazine	3	5	pyridine	20	20
1,4 dioxane	2	3	silane	1	1
ethane	10	10	styrene	1	2
ethanol	10	10 *	sulfur dioxide	30	30
ethyl acetate	4	4	sulfur hexafluoride	<1	0.1
ethylamine	20	10 *	1,1,1,2-tetrachloroethane	4	6
ethylbenzene	20	30 *	1,1,2,2-tetrachloroethane	20	16
ethylene	1	3	tetrachloroethylene	2	2
ethylene oxide	10	15	toluene	25	10 *
ethyl mercaptan	50	70	1,1,1-trichloroethane	4	10
formaldehyde	5	8	1,1,2-trichloroethane	10	15
formic acid	2	3 *	trichloroethylene	2	3
furan	3	5	trimethylamine	10	15 *
halocarb-11 (CCl ₃ F)	1	1	1,2,4-trimethylbenzene	5	7
halocarb-12 (CCl ₂ F ₂)	1	1	vinyl chloride	4	5
halocarb-22 (CHClF ₂)	1	1	m-xylene	10	10 *
halocarb-113 (CFCl ₂ CF ₂ Cl)	2	2	o-xylene	20	5 *
hexafluoropropene	1	2	p-xylene	20	10 *

*必須經過樣本前處理程序，另偵測極限會因監測環境因素發生變動

單位：ppbv