



Analytical Method Information

Analyte	DL	LOD	LOQ / RL	Surrogate %R	Duplicate RPD	Matrix Spike %R	RPD	Blank Spike / LCS %R	RPD
8260C VOA (EPA 8260C) in Water									
Preservation: pH<2; HCL, Cool <6°C									
Container: VOA Vial, Clear, 40 mL, HCL									
Minimum Sample Volume: 120 mL									
Hold Time: 14 days									
Chloromethane	0.0948 ug/L	0.250 ug/L	0.500 ug/L		30	60 - 138	30	60 - 138	30
Vinyl Chloride	0.0572 ug/L	0.100 ug/L	0.200 ug/L		30	66 - 133	30	66 - 133	30
Bromomethane	0.252 ug/L	0.500 ug/L	1.00 ug/L		30	72 - 131	30	72 - 131	30
Chloroethane	0.0861 ug/L	0.100 ug/L	0.200 ug/L		30	60 - 155	30	60 - 155	30
Trichlorofluoromethane	0.0375 ug/L	0.100 ug/L	0.200 ug/L		30	80 - 129	30	80 - 129	30
Acrolein	2.48 ug/L	2.50 ug/L	5.00 ug/L		30	52 - 144	30	52 - 144	30
1,1,2-Trichloro-1,2,2-Trifluoroethane	0.0429 ug/L	0.100 ug/L	0.200 ug/L		30	76 - 129	30	76 - 129	30
Acetone	2.06 ug/L	2.50 ug/L	5.00 ug/L		30	58 - 142	30	58 - 142	30
1,1-Dichloroethane	0.0540 ug/L	0.100 ug/L	0.200 ug/L		30	69 - 135	30	69 - 135	30
Bromoethane	0.0412 ug/L	0.100 ug/L	0.200 ug/L		30	78 - 128	30	78 - 128	30
Iodomethane	0.227 ug/L	0.500 ug/L	1.00 ug/L		30	56 - 147	30	56 - 147	30
Methylene Chloride	0.485 ug/L	0.500 ug/L	1.00 ug/L		30	65 - 135	30	65 - 135	30
Acrylonitrile	0.604 ug/L	1.00 ug/L	1.00 ug/L		30	64 - 134	30	64 - 134	30
Carbon Disulfide	0.0370 ug/L	0.100 ug/L	0.200 ug/L		30	78 - 125	30	78 - 125	30
trans-1,2-Dichloroethene	0.0485 ug/L	0.100 ug/L	0.200 ug/L		30	78 - 128	30	78 - 128	30
Vinyl Acetate	0.0688 ug/L	0.100 ug/L	0.200 ug/L		30	55 - 138	30	55 - 138	30
1,1-Dichloroethane	0.0533 ug/L	0.100 ug/L	0.200 ug/L		30	76 - 124	30	76 - 124	30
2-Butanone	0.814 ug/L	2.50 ug/L	5.00 ug/L		30	61 - 140	30	61 - 140	30
2,2-Dichloropropane	0.0518 ug/L	0.100 ug/L	0.200 ug/L		30	78 - 125	30	78 - 125	30
cis-1,2-Dichloroethene	0.0427 ug/L	0.100 ug/L	0.200 ug/L		30	80 - 121	30	80 - 121	30
Chloroform	0.0273 ug/L	0.100 ug/L	0.200 ug/L		30	80 - 122	30	80 - 122	30
Bromochloromethane	0.0607 ug/L	0.100 ug/L	0.200 ug/L		30	80 - 121	30	80 - 121	30
1,1,1-Trichloroethane	0.0408 ug/L	0.100 ug/L	0.200 ug/L		30	79 - 123	30	79 - 123	30
1,1-Dichloropropene	0.0340 ug/L	0.100 ug/L	0.200 ug/L		30	80 - 120	30	80 - 120	30
Carbon tetrachloride	0.0439 ug/L	0.100 ug/L	0.200 ug/L		30	53 - 137	30	53 - 137	30



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1,2-Dichloroethane	0.0717 ug/L	0.100 ug/L	0.200 ug/L		30	75 - 123	30	75 - 123	30
Benzene	0.0266 ug/L	0.100 ug/L	0.200 ug/L		30	80 - 120	30	80 - 120	30
Trichloroethene	0.0489 ug/L	0.100 ug/L	0.200 ug/L		30	80 - 120	30	80 - 120	30
1,2-Dichloropropane	0.0352 ug/L	0.100 ug/L	0.200 ug/L		30	80 - 120	30	80 - 120	30
Bromodichloromethane	0.0506 ug/L	0.100 ug/L	0.200 ug/L		30	80 - 121	30	80 - 121	30
Dibromomethane	0.145 ug/L	0.200 ug/L	0.200 ug/L		30	80 - 120	30	80 - 120	30
2-Chloroethyl vinyl ether	0.250 ug/L	0.500 ug/L	1.00 ug/L		30	74 - 127	30	74 - 127	30
4-Methyl-2-Pentanone	0.974 ug/L	2.50 ug/L	5.00 ug/L		30	67 - 133	30	67 - 133	30
cis-1,3-Dichloropropene	0.0610 ug/L	0.100 ug/L	0.200 ug/L		30	80 - 124	30	80 - 124	30
Toluene	0.0399 ug/L	0.100 ug/L	0.200 ug/L		30	80 - 120	30	80 - 120	30
trans-1,3-Dichloropropene	0.0815 ug/L	0.100 ug/L	0.200 ug/L		30	71 - 127	30	71 - 127	30
2-Hexanone	0.902 ug/L	2.50 ug/L	5.00 ug/L		30	69 - 133	30	69 - 133	30
1,1,2-Trichloroethane	0.129 ug/L	0.200 ug/L	0.200 ug/L		30	80 - 121	30	80 - 121	30
1,3-Dichloropropane	0.0622 ug/L	0.100 ug/L	0.200 ug/L		30	80 - 120	30	80 - 120	30
Tetrachloroethene	0.0474 ug/L	0.100 ug/L	0.200 ug/L		30	80 - 120	30	80 - 120	30
Dibromochloromethane	0.0481 ug/L	0.100 ug/L	0.200 ug/L		30	65 - 135	30	65 - 135	30
1,2-Dibromoethane	0.0745 ug/L	0.100 ug/L	0.200 ug/L		30	80 - 121	30	80 - 121	30
Chlorobenzene	0.0230 ug/L	0.100 ug/L	0.200 ug/L		30	80 - 120	30	80 - 120	30
Ethylbenzene	0.0371 ug/L	0.100 ug/L	0.200 ug/L		30	80 - 120	30	80 - 120	30
1,1,1,2-Tetrachloroethane	0.0396 ug/L	0.100 ug/L	0.200 ug/L		30	80 - 120	30	80 - 120	30
m,p-Xylene	0.0522 ug/L	0.200 ug/L	0.400 ug/L		30	80 - 121	30	80 - 121	30
o-Xylene	0.0349 ug/L	0.100 ug/L	0.200 ug/L		30	80 - 121	30	80 - 121	30
Xylenes, total	0.0871 ug/L	0.300 ug/L	0.600 ug/L		30	76 - 127	30	76 - 127	30
Styrene	0.0454 ug/L	0.100 ug/L	0.200 ug/L		30	80 - 124	30	80 - 124	30
Bromoform	0.0618 ug/L	0.100 ug/L	0.200 ug/L		30	51 - 134	30	51 - 134	30
1,1,2,2-Tetrachloroethane	0.0598 ug/L	0.100 ug/L	0.200 ug/L		30	77 - 123	30	77 - 123	30
1,2,3-Trichloropropane	0.131 ug/L	0.250 ug/L	0.500 ug/L		30	76 - 125	30	76 - 125	30
trans-1,4-Dichloro 2-Butene	0.324 ug/L	0.500 ug/L	1.00 ug/L		30	55 - 129	30	55 - 129	30



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n-Propylbenzene	0.0235 ug/L	0.100 ug/L	0.200 ug/L		30	78 - 130	30	78 - 130	30
Bromobenzene	0.0605 ug/L	0.100 ug/L	0.200 ug/L		30	80 - 120	30	80 - 120	30
Isopropyl Benzene	0.0212 ug/L	0.100 ug/L	0.200 ug/L		30	80 - 128	30	80 - 128	30
2-Chlorotoluene	0.0236 ug/L	0.100 ug/L	0.200 ug/L		30	78 - 122	30	78 - 122	30
4-Chlorotoluene	0.0159 ug/L	0.100 ug/L	0.200 ug/L		30	80 - 121	30	80 - 121	30
t-Butylbenzene	0.0256 ug/L	0.100 ug/L	0.200 ug/L		30	78 - 125	30	78 - 125	30
1,3,5-Trimethylbenzene	0.0150 ug/L	0.100 ug/L	0.200 ug/L		30	80 - 129	30	80 - 129	30
1,2,4-Trimethylbenzene	0.0243 ug/L	0.100 ug/L	0.200 ug/L		30	80 - 127	30	80 - 127	30
s-Butylbenzene	0.0237 ug/L	0.100 ug/L	0.200 ug/L		30	78 - 129	30	78 - 129	30
4-Isopropyl Toluene	0.0263 ug/L	0.100 ug/L	0.200 ug/L		30	79 - 130	30	79 - 130	30
1,3-Dichlorobenzene	0.0362 ug/L	0.100 ug/L	0.200 ug/L		30	80 - 120	30	80 - 120	30
1,4-Dichlorobenzene	0.0397 ug/L	0.100 ug/L	0.200 ug/L		30	80 - 120	30	80 - 120	30
n-Butylbenzene	0.0248 ug/L	0.100 ug/L	0.200 ug/L		30	74 - 129	30	74 - 129	30
1,2-Dichlorobenzene	0.0365 ug/L	0.100 ug/L	0.200 ug/L		30	80 - 120	30	80 - 120	30
1,2-Dibromo-3-chloropropane	0.366 ug/L	0.500 ug/L	0.500 ug/L		30	62 - 123	30	62 - 123	30
1,2,4-Trichlorobenzene	0.107 ug/L	0.250 ug/L	0.500 ug/L		30	64 - 124	30	64 - 124	30
Hexachloro-1,3-Butadiene	0.0734 ug/L	0.250 ug/L	0.500 ug/L		30	58 - 123	30	58 - 123	30
Naphthalene	0.118 ug/L	0.250 ug/L	0.500 ug/L		30	50 - 134	30	50 - 134	30
1,2,3-Trichlorobenzene	0.110 ug/L	0.250 ug/L	0.500 ug/L		30	49 - 133	30	49 - 133	30
Dichlorodifluoromethane	0.0521 ug/L	0.100 ug/L	0.200 ug/L		30	48 - 147	30	48 - 147	30
Methyl tert-butyl Ether	0.0729 ug/L	0.250 ug/L	0.500 ug/L		30	71 - 132	30	71 - 132	30
2-Pentanone	5.00 ug/L	5.00 ug/L	5.00 ug/L		30	69 - 134	30	69 - 134	30
surr: 1,2-Dichloroethane-d4									80 - 129
surr: Toluene-d8									80 - 120
surr: 4-Bromofluorobenzene									80 - 120
surr: 1,2-Dichlorobenzene-d4									80 - 120
Pentafluorobenzene									
Chlorobenzene-d5									



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1,4-Difluorobenzene							
1,4-Dichlorobenzene-d4							