



Analytical Method Information

Analyte	DL	LOD	LOQ / RL	Surrogate %R	Duplicate RPD	Matrix Spike %R	RPD	Blank Spike / LCS %R	RPD
<b>624 VOC (EPA 624) in Water</b>									
Preservation: pH<2; HCL, Cool <6°C									
Container: VOA Vial, Clear, 40 mL, HCL									
Minimum Sample Volume: 120 mL									
Hold Time: 14 days									
Chloromethane	0.0950 ug/L	0.250 ug/L	0.500 ug/L		40	60 - 138	30	60 - 138	30
Vinyl Chloride	0.0570 ug/L	0.100 ug/L	0.200 ug/L		40	66 - 133	30	66 - 133	30
Bromomethane	0.252 ug/L	0.500 ug/L	1.00 ug/L		40	72 - 131	30	72 - 131	30
Chloroethane	0.0860 ug/L	0.100 ug/L	0.200 ug/L		40	60 - 155	30	60 - 155	30
Trichlorofluoromethane	0.0370 ug/L	0.100 ug/L	0.200 ug/L		40	80 - 129	30	80 - 129	30
Acrolein	2.48 ug/L	2.50 ug/L	5.00 ug/L		40	52 - 144	30	52 - 144	30
1,1,2-Trichloro-1,2,2-Trifluoroethane	0.0430 ug/L	0.100 ug/L	0.200 ug/L		40	76 - 129	30	76 - 129	30
Acetone	2.06 ug/L	2.50 ug/L	5.00 ug/L		40	58 - 142	30	58 - 142	30
1,1-Dichloroethane	0.0540 ug/L	0.100 ug/L	0.200 ug/L		40	69 - 135	30	69 - 135	30
Bromoethane	0.0410 ug/L	0.100 ug/L	0.200 ug/L		40	78 - 128	30	78 - 128	30
Iodomethane	0.227 ug/L	0.500 ug/L	1.00 ug/L		40	56 - 147	30	56 - 147	30
Methylene Chloride	0.485 ug/L	0.500 ug/L	1.00 ug/L		40	65 - 135	30	65 - 135	30
Acrylonitrile	0.604 ug/L	0.700 ug/L	1.00 ug/L		40	64 - 134	30	64 - 134	30
Carbon Disulfide	0.0370 ug/L	0.100 ug/L	0.200 ug/L		40	78 - 125	30	78 - 125	30
trans-1,2-Dichloroethene	0.0480 ug/L	0.100 ug/L	0.200 ug/L		40	78 - 128	30	78 - 128	30
Vinyl Acetate	0.0690 ug/L	0.100 ug/L	0.200 ug/L		40	55 - 138	30	55 - 138	30
1,1-Dichloroethane	0.0530 ug/L	0.100 ug/L	0.200 ug/L		40	76 - 124	30	76 - 124	30
2-Butanone	0.814 ug/L	2.50 ug/L	5.00 ug/L		40	61 - 140	30	61 - 140	30
2,2-Dichloropropane	0.0520 ug/L	0.100 ug/L	0.200 ug/L		40	78 - 125	30	78 - 125	30
cis-1,2-Dichloroethene	0.0430 ug/L	0.100 ug/L	0.200 ug/L		40	80 - 121	30	80 - 121	30
Chloroform	0.0270 ug/L	0.100 ug/L	0.200 ug/L		40	80 - 122	30	80 - 122	30
Bromochloromethane	0.0610 ug/L	0.100 ug/L	0.200 ug/L		40	80 - 121	30	80 - 121	30
1,1,1-Trichloroethane	0.0410 ug/L	0.100 ug/L	0.200 ug/L		40	79 - 123	30	79 - 123	30
1,1-Dichloropropene	0.0340 ug/L	0.100 ug/L	0.200 ug/L		40	80 - 120	30	80 - 120	30
Carbon tetrachloride	0.0440 ug/L	0.100 ug/L	0.200 ug/L		40	53 - 137	30	53 - 137	30



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1,2-Dichloroethane	0.0720 ug/L	0.100 ug/L	0.200 ug/L		40	75 - 123	30	75 - 123	30
Benzene	0.0270 ug/L	0.100 ug/L	0.200 ug/L		40	80 - 120	30	80 - 120	30
Trichloroethene	0.0490 ug/L	0.100 ug/L	0.200 ug/L		40	80 - 120	30	80 - 120	30
1,2-Dichloropropane	0.0350 ug/L	0.100 ug/L	0.200 ug/L		40	80 - 120	30	80 - 120	30
Bromodichloromethane	0.0510 ug/L	0.100 ug/L	0.200 ug/L		40	80 - 121	30	80 - 121	30
Dibromomethane	0.145 ug/L	0.150 ug/L	0.200 ug/L		40	80 - 120	30	80 - 120	30
2-Chloroethyl vinyl ether	0.250 ug/L	0.500 ug/L	1.00 ug/L		40	74 - 127	30	74 - 127	30
4-Methyl-2-Pentanone	0.974 ug/L	2.50 ug/L	5.00 ug/L		40	67 - 133	30	67 - 133	30
cis-1,3-Dichloropropene	0.0610 ug/L	0.100 ug/L	0.200 ug/L		40	80 - 124	30	80 - 124	30
Toluene	0.0400 ug/L	0.100 ug/L	0.200 ug/L		40	80 - 120	30	80 - 120	30
trans-1,3-Dichloropropene	0.0810 ug/L	0.100 ug/L	0.200 ug/L		40	71 - 127	30	71 - 127	30
2-Hexanone	0.902 ug/L	2.50 ug/L	5.00 ug/L		40	69 - 133	30	69 - 133	30
1,1,2-Trichloroethane	0.129 ug/L	0.200 ug/L	0.200 ug/L		40	80 - 121	30	80 - 121	30
1,3-Dichloropropane	0.0620 ug/L	0.100 ug/L	0.200 ug/L		40	80 - 120	30	80 - 120	30
Tetrachloroethene	0.0470 ug/L	0.100 ug/L	0.200 ug/L		40	80 - 120	30	80 - 120	30
Dibromochloromethane	0.0480 ug/L	0.100 ug/L	0.200 ug/L		40	65 - 135	30	65 - 135	30
1,2-Dibromoethane	0.0750 ug/L	0.100 ug/L	0.200 ug/L		40	80 - 121	30	80 - 121	30
Chlorobenzene	0.0230 ug/L	0.100 ug/L	0.200 ug/L		40	80 - 120	30	80 - 120	30
Ethylbenzene	0.0370 ug/L	0.100 ug/L	0.200 ug/L		40	80 - 120	30	80 - 120	30
1,1,1,2-Tetrachloroethane	0.0400 ug/L	0.100 ug/L	0.200 ug/L		40	80 - 120	30	80 - 120	30
m,p-Xylene	0.0520 ug/L	0.200 ug/L	0.400 ug/L		40	80 - 121	30	80 - 121	30
o-Xylene	0.0350 ug/L	0.100 ug/L	0.200 ug/L		40	80 - 121	30	80 - 121	30
Styrene	0.0450 ug/L	0.100 ug/L	0.200 ug/L		40	80 - 124	30	80 - 124	30
Bromoform	0.0620 ug/L	0.100 ug/L	0.200 ug/L		40	51 - 134	30	51 - 134	30
1,1,1,2,2-Tetrachloroethane	0.0600 ug/L	0.100 ug/L	0.200 ug/L		40	77 - 123	30	77 - 123	30
1,2,3-Trichloropropane	0.131 ug/L	0.250 ug/L	0.500 ug/L		40	76 - 125	30	76 - 125	30
trans-1,4-Dichloro 2-Butene	0.324 ug/L	0.500 ug/L	1.00 ug/L		40	55 - 129	30	55 - 129	30
n-Propylbenzene	0.0230 ug/L	0.100 ug/L	0.200 ug/L		40	78 - 130	30	78 - 130	30



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Bromobenzene	0.0600 ug/L	0.100 ug/L	0.200 ug/L		40	80 - 120	30	80 - 120	30
Isopropyl Benzene	0.0210 ug/L	0.100 ug/L	0.200 ug/L		40	80 - 128	30	0.8 - 128	30
2-Chlorotoluene	0.0240 ug/L	0.100 ug/L	0.200 ug/L		40	78 - 122	30	78 - 122	30
4-Chlorotoluene	0.0160 ug/L	0.100 ug/L	0.200 ug/L		40	80 - 121	30	80 - 121	30
t-Butylbenzene	0.0260 ug/L	0.100 ug/L	0.200 ug/L		40	78 - 125	30	78 - 125	30
1,3,5-Trimethylbenzene	0.0150 ug/L	0.100 ug/L	0.200 ug/L		40	80 - 129	30	80 - 129	30
1,2,4-Trimethylbenzene	0.0240 ug/L	0.100 ug/L	0.200 ug/L		40	80 - 127	30	80 - 127	30
s-Butylbenzene	0.0240 ug/L	0.100 ug/L	0.200 ug/L		40	78 - 129	30	78 - 129	30
4-Isopropyl Toluene	0.0260 ug/L	0.100 ug/L	0.200 ug/L		40	79 - 130	30	79 - 130	30
1,3-Dichlorobenzene	0.0360 ug/L	0.100 ug/L	0.200 ug/L		40	80 - 120	30	80 - 120	30
1,4-Dichlorobenzene	0.0400 ug/L	0.100 ug/L	0.200 ug/L		40	80 - 120	30	80 - 120	30
n-Butylbenzene	0.0250 ug/L	0.100 ug/L	0.200 ug/L		40	74 - 129	30	74 - 129	30
1,2-Dichlorobenzene	0.0360 ug/L	0.100 ug/L	0.200 ug/L		40	80 - 120	30	80 - 120	30
1,2-Dibromo-3-chloropropane	0.366 ug/L	0.400 ug/L	0.500 ug/L		40	62 - 123	30	62 - 123	30
1,2,4-Trichlorobenzene	0.107 ug/L	0.250 ug/L	0.500 ug/L		40	64 - 124	30	64 - 124	30
Hexachloro-1,3-Butadiene	0.0730 ug/L	0.250 ug/L	0.500 ug/L		40	58 - 123	30	58 - 123	30
Naphthalene	0.118 ug/L	0.250 ug/L	0.500 ug/L		40	50 - 134	30	50 - 134	30
1,2,3-Trichlorobenzene	0.110 ug/L	0.250 ug/L	0.500 ug/L		40	49 - 133	30	49 - 133	30
Dichlorodifluoromethane	0.0520 ug/L	0.100 ug/L	0.200 ug/L		40	48 - 147	30	48 - 147	30
Methyl tert-butyl Ether	0.0730 ug/L		0.500 ug/L		40	71 - 132	30	71 - 132	30
surr: 1,2-Dichloroethane-d4				80 - 120					
surr: 1,2-Dichlorobenzene-d4				80 - 120					
surr: Toluene-d8				80 - 120					
surr: 4-Bromofluorobenzene				80 - 120					
Pentafluorobenzene									
Chlorobenzene-d5									
1,4-Difluorobenzene									
1,4-Dichlorobenzene-d4									



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