

Analytical Method Information

Analyte	MDL	Reporting	Surrogate	Duplicate	Matrix Spike		Blank Spike / LCS	
		Limit	%R	RPD	%R	RPD	%R	RPD
8260B Full List in Water (EPA 8260B)								
Preservation: Dechlorinate; HCl to pH<2; Store cool at 4°C								
Container: VOA Vial - HCl								
Amount Required: 4 VOA Vials								
Hold Time: 14 days								
Acetone	0.93	5.0 ug/l			32 - 164	25	56 - 155	25
Benzene	0.23	0.30 ug/l			58 - 139	25	82 - 122	25
Bromobenzene	0.49	0.50 ug/l			63 - 143	25	83 - 122	25
Bromochloromethane	0.43	0.50 ug/l			60 - 141	25	83 - 124	25
Bromodichloromethane	0.48	0.50 ug/l			62 - 140	25	86 - 135	25
Bromoform	0.39	0.50 ug/l			47 - 165	25	76 - 144	25
Bromomethane	0.27	0.50 ug/l			30 - 163	25	69 - 145	25
n-Butylbenzene	0.33	0.50 ug/l			57 - 147	25	79 - 132	25
sec-Butylbenzene	0.35	0.50 ug/l			64 - 155	25	86 - 132	25
tert-Butylbenzene	0.31	0.50 ug/l			57 - 150	25	82 - 126	25
Carbon tetrachloride	0.30	0.50 ug/l			65 - 153	25	77 - 134	25
Chlorobenzene	0.41	0.50 ug/l			58 - 137	25	84 - 119	25
Chloroethane	0.25	0.50 ug/l			59 - 141	25	68 - 133	25
Chloroform	0.41	0.50 ug/l			36 - 151	25	81 - 122	25
Chloromethane	0.45	0.50 ug/l			69 - 149	25	63 - 129	25
2-Chlorotoluene	0.21	0.50 ug/l			54 - 150	25	79 - 132	25
4-Chlorotoluene	0.46	0.50 ug/l			59 - 140	25	80 - 122	25
Dibromochloromethane	0.47	0.50 ug/l			54 - 157	25	83 - 135	25
1,2-Dibromo-3-chloropropane	0.40	0.50 ug/l			54 - 137	25	73 - 128	25
1,2-Dibromoethane (EDB)	0.38	0.50 ug/l			40 - 147	25	80 - 120	25
Dibromomethane	0.46	0.50 ug/l			59 - 139	25	82 - 124	25
1,2-Dichlorobenzene	0.45	0.50 ug/l			57 - 137	25	84 - 121	25
1,3-Dichlorobenzene	0.47	0.50 ug/l			54 - 137	25	80 - 120	25
1,4-Dichlorobenzene	0.48	0.50 ug/l			61 - 131	25	84 - 120	25
Dichlorodifluoromethane	0.27	0.50 ug/l			39 - 162	25	59 - 147	25
1,1-Dichloroethane	0.43	0.50 ug/l			64 - 136	25	81 - 126	25
1,2-Dichloroethane	0.42	0.50 ug/l			58 - 133	25	77 - 117	25
1,1-Dichloroethene	0.14	0.50 ug/l			45 - 178	25	71 - 151	25
cis-1,2-Dichloroethene	0.41	0.50 ug/l			66 - 141	25	84 - 131	25
trans-1,2-Dichloroethene	0.48	0.50 ug/l			59 - 151	25	79 - 128	25
1,2-Dichloropropane	0.24	0.50 ug/l			62 - 128	25	82 - 125	25
1,3-Dichloropropane	0.47	0.50 ug/l			62 - 139	25	83 - 120	25
2,2-Dichloropropane	0.29	0.50 ug/l			40 - 167	25	80 - 125	25
1,1-Dichloropropene	0.44	0.50 ug/l			58 - 148	25	85 - 130	25
cis-1,3-Dichloropropene	0.49	0.50 ug/l			50 - 140	25	83 - 128	25
trans-1,3-Dichloropropene	0.21	0.50 ug/l			40 - 144	25	67 - 129	25
Ethylbenzene	0.44	0.50 ug/l			59 - 147	25	84 - 124	25
Hexachlorobutadiene	0.42	0.50 ug/l			56 - 149	25	75 - 135	25
Isopropylbenzene	0.44	0.50 ug/l			56 - 134	25	75 - 116	25
p-Isopropyltoluene	0.40	0.50 ug/l			54 - 148	25	78 - 124	25
Methyl ethyl ketone	0.49	1.0 ug/l			62 - 126	25	58 - 157	25
Methyl isobutyl ketone	0.59	1.0 ug/l			66 - 127	25	70 - 130	25
Methyl tert-butyl ether	0.33	0.50 ug/l			55 - 144	25	84 - 119	25
Methylene chloride	0.17	0.50 ug/l			43 - 143	25	72 - 132	25
Naphthalene	0.20	0.50 ug/l			52 - 157	25	84 - 134	25
n-Propylbenzene	0.30	0.50 ug/l			55 - 145	25	75 - 127	25
Styrene	0.47	0.50 ug/l			51 - 157	25	80 - 125	25

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Analyte	MDL	Reporting Limit	Surrogate %R	Duplicate RPD	Matrix Spike		Blank Spike / LCS	
					%R	RPD	%R	RPD
1,1,1,2-Tetrachloroethane	0.43	0.50 ug/l			58 - 146	25	80 - 132	25
1,1,2,2-Tetrachloroethane	0.17	0.50 ug/l			50 - 143	25	90 - 121	25
Tetrachloroethene	0.33	0.50 ug/l			49 - 148	25	56 - 156	25
Toluene	0.27	0.30 ug/l			59 - 147	25	76 - 137	25
1,2,3-Trichlorobenzene	0.22	0.50 ug/l			50 - 161	25	85 - 133	25
1,2,4-Trichlorobenzene	0.29	0.50 ug/l			50 - 150	25	84 - 126	25
1,1,1-Trichloroethane	0.36	0.50 ug/l			62 - 144	25	70 - 130	25
1,1,2-Trichloroethane	0.49	0.50 ug/l			62 - 129	25	83 - 122	25
Trichloroethene	0.47	0.50 ug/l			58 - 140	25	84 - 123	25
Trichlorofluoromethane	0.31	0.50 ug/l			56 - 144	25	74 - 130	25
Trichlorotrifluoroethane	0.38	0.50 ug/l			59 - 139	25	82 - 125	25
1,2,3-Trichloropropane	0.16	0.50 ug/l			61 - 139	25	78 - 122	25
1,2,4-Trimethylbenzene	0.35	0.50 ug/l			58 - 152	25	85 - 127	25
1,3,5-Trimethylbenzene	0.30	0.50 ug/l			58 - 148	25	80 - 125	25
Vinyl chloride	0.32	0.50 ug/l			53 - 160	25	70 - 130	25
m,p-Xylene	0.49	0.50 ug/l			53 - 147	25	81 - 124	25
o-Xylene	0.44	0.50 ug/l			55 - 148	25	80 - 126	25
Xylenes (total)	0.49	0.50 ug/l			49 - 153	25	81 - 126	25
surr: Dibromofluoromethane			46 - 130					
surr: Toluene-d8			59 - 132					
surr: Bromofluorobenzene			81 - 135					