

## Analytical Method Information

Analyte	MDL	Reporting Limit	Surrogate %R	Duplicate RPD	Matrix Spike %R	RPD	Blank Spike / LCS %R	RPD
<b>8260 Frac 2013 in Water (EPA 8260B)</b>								
Preservation: 07-Ice Only								
Container: 00_40mL Clear Vial Cool to								
Amount Required: 40ml								
Hold Time: 14 days								
4° C								
Fluorobenzene	0.00							
Dichlorodifluoromethane	0.287	1.00 ug/L		20	30 - 155	20	30 - 155	
Chloromethane	0.250	0.250 ug/L		20	40 - 125	20	40 - 125	
Vinyl chloride	0.0656	0.250 ug/L		20	50 - 145	20	50 - 145	
Bromomethane	0.250	0.250 ug/L		20	30 - 145	20	30 - 145	
Chloroethane	0.0520	0.250 ug/L		20	60 - 135	20	60 - 135	
Trichlorofluoromethane	0.0520	0.250 ug/L		20	60 - 145	20	60 - 145	
Ethyl Ether	0.0360	0.250 ug/L		20	50 - 130	20	50 - 130	
1,1-Dichloroethene	0.0640	0.250 ug/L		20	70 - 130	20	70 - 130	
Carbon disulfide	0.0393	0.250 ug/L		20	35 - 160	20	35 - 160	
Iodomethane	0.0450	0.250 ug/L		20	50 - 130	20	50 - 130	
Allyl chloride	0.0994	0.250 ug/L		20	50 - 130	20	50 - 130	
Acetone	0.138	1.00 ug/L		20	40 - 140	20	40 - 140	
Methylene chloride	0.0453	0.250 ug/L		20	55 - 140	20	55 - 140	
trans-1,2-Dichloroethene	0.0661	0.250 ug/L		20	60 - 140	20	60 - 140	
Methyl tert-Butyl Ether	0.0410	0.250 ug/L		20	65 - 125	20	65 - 125	
1,1-Dichloroethane	0.0310	0.250 ug/L		20	70 - 135	20	70 - 135	
Acrylonitrile	0.0393	0.250 ug/L		20	50 - 130	20	50 - 130	
cis-1,2-Dichloroethene	0.0800	0.250 ug/L		20	70 - 125	20	70 - 125	
2,2-Dichloropropane	0.0650	0.250 ug/L		20	70 - 135	20	70 - 135	
Bromochloromethane	0.0297	0.250 ug/L		20	65 - 130	20	65 - 130	
Chloroform	0.0297	0.250 ug/L		20	65 - 135	20	65 - 135	
Methyl Acrylate	0.0280	0.250 ug/L		20	50 - 130	20	50 - 130	
surr: Dibromofluoromethane			85 - 115	20				
Carbon tetrachloride	0.0636	0.250 ug/L		20	65 - 140	20	65 - 140	
2-Butanone	0.124	0.500 ug/L		20	30 - 150	20	30 - 150	
1,1,1-Trichloroethane	0.0560	0.250 ug/L		20	65 - 130	20	65 - 130	
1,1-Dichloropropene	0.0921	0.250 ug/L		20	75 - 130	20	75 - 130	
surr: 1,2-Dichloroethane-d4			70 - 120	20		20		
Benzene	0.0578	0.250 ug/L		20	80 - 120	20	80 - 120	
Methacrylonitrile	0.0374	0.250 ug/L		20	50 - 130	20	50 - 130	
1,2-Dichloroethane	0.0358	0.250 ug/L		20	70 - 130	20	70 - 130	
Trichloroethene	0.0578	0.250 ug/L		20	70 - 125	20	70 - 125	
Dibromomethane	0.0580	0.250 ug/L		20	75 - 125	20	75 - 125	
1,2-Dichloropropane	0.0280	0.250 ug/L		20	75 - 125	20	75 - 125	
Bromodichloromethane	0.0250	0.250 ug/L		20	75 - 120	20	75 - 120	
Chlorobenzene-d5								
cis-1,3-Dichloropropene	0.0210	0.250 ug/L		20	70 - 130	20	70 - 130	
surr: Toluene-d8			85 - 120	20				
Toluene	0.0437	0.250 ug/L		20	75 - 120	20	75 - 120	
4-Methyl-2-pentanone	0.0318	0.250 ug/L		20	60 - 135	20	60 - 135	
trans-1,3-Dichloropropene	0.0275	0.250 ug/L		20	55 - 140	20	55 - 140	
Tetrachloroethene	0.216	0.250 ug/L		20	45 - 150	20	45 - 150	
1,1,2-Trichloroethane	0.0349	0.250 ug/L		20	75 - 125	20	75 - 125	
Chlorodibromomethane	0.0360	0.250 ug/L		20	60 - 135	20	60 - 135	
1,3-Dichloropropane	0.0160	0.250 ug/L		20	75 - 125	20	75 - 125	

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Analyte	MDL	Reporting Limit	Surrogate %R	Duplicate RPD	Matrix Spike		Blank Spike / LCS	
					%R	RPD	%R	RPD
1,2-Dibromoethane (EDB)	0.0470	0.250 ug/L		20	80 - 120	20	80 - 120	
2-Hexanone	0.0785	0.250 ug/L		20	55 - 130	20	55 - 130	
Chlorobenzene	0.0227	0.250 ug/L		20	80 - 120	20	80 - 120	
Ethylbenzene	0.0310	0.250 ug/L		20	75 - 125	20	75 - 125	
1,1,1,2-Tetrachloroethane	0.0360	0.250 ug/L		20	80 - 130	20	80 - 130	
m,p-Xylene	0.0780	0.500 ug/L		20	75 - 125	20	75 - 125	
o-Xylene	0.0675	0.250 ug/L		20	80 - 125	20	80 - 125	
Styrene	0.0422	0.250 ug/L		20	65 - 135	20	65 - 135	
Bromoform	0.0594	0.250 ug/L		20	70 - 130	20	70 - 130	
Isopropylbenzene	0.0717	0.250 ug/L		20	75 - 125	20	75 - 125	
1,4-Dichlorobenzene-d4 surr: 4-Bromofluorobenzene			75 - 120	20				
Bromobenzene	0.0797	0.250 ug/L		20	75 - 125	20	75 - 125	
n-Propyl Benzene	0.0250	0.250 ug/L		20	70 - 130	20	70 - 130	
1,1,2,2-Tetrachloroethane	0.181	0.250 ug/L		20	65 - 130	20	65 - 130	
2-Chlorotoluene	0.0903	0.250 ug/L		20	75 - 125	20	75 - 125	
1,3,5-Trimethylbenzene	0.0751	0.250 ug/L		20	75 - 130	20	75 - 130	
1,2,3-Trichloropropane	0.0416	0.250 ug/L		20	75 - 125	20	75 - 125	
4-Chlorotoluene	0.0360	0.250 ug/L		20	75 - 130	20	75 - 130	
tert-Butylbenzene	0.0390	0.250 ug/L		20	70 - 130	20	70 - 130	
1,2,4-Trimethylbenzene	0.0320	0.250 ug/L		20	75 - 130	20	75 - 130	
sec-Butylbenzene	0.0360	0.250 ug/L		20	70 - 125	20	70 - 125	
p-Isopropyltoluene	0.0759	0.250 ug/L		20	75 - 130	20	75 - 130	
1,3-Dichlorobenzene	0.0360	0.250 ug/L		20	75 - 125	20	75 - 125	
1,4-Dichlorobenzene	0.0280	0.250 ug/L		20	75 - 125	20	75 - 125	
n-Butyl Benzene	0.0360	0.250 ug/L		20	70 - 135	20	70 - 135	
1,2-Dichlorobenzene	0.0280	0.250 ug/L		20	70 - 120	20	70 - 120	
Adamantane	0.0759	0.250 ug/L		20	70 - 130	20	70 - 130	
1,3-Dimethyl adamantane	0.0530	0.250 ug/L		20	70 - 130	20	70 - 130	
1,2-Dibromo-3-chloropropane	0.201	0.250 ug/L		20	50 - 130	20	50 - 130	
Hexachlorobutadiene	0.0507	0.250 ug/L		20	50 - 140	20	50 - 140	
1,2,4-Trichlorobenzene	0.0220	0.250 ug/L		20	65 - 135	20	65 - 135	
Naphthalene	0.0424	0.250 ug/L		20	55 - 140	20	55 - 140	
1,2,3-Trichlorobenzene	0.0350	0.250 ug/L		20	55 - 140	20	55 - 140	
Xylenes (total)	1.00	1.00 ug/L		20	75 - 125	20	75 - 125	
Tentatively Identified Compounds								