

Analytical Method Information

Analyte	MDL	Reporting	Surrogate	Duplicate	Matrix Spike		Blank Spike / LCS	
		Limit	%R	RPD	%R	RPD	%R	RPD
Title 21: Group 3 Volatiles in Water (EPA 524.2)								
Preservation: Dechlorinate; HCl to pH<2; Store cool at 4°C								
Container: VOA Vial - HCl								
			Amount Required: 4 VOA vials			Hold Time: 14 days		
Benzene	0.30	0.30 ug/l			70 - 130	30	70 - 130	30
Bromodichloromethane	0.14	0.50 ug/l			70 - 130	25	70 - 130	25
Bromoform	0.28	0.50 ug/l			70 - 130	25	70 - 130	25
Carbon tetrachloride	0.32	0.50 ug/l			70 - 130	30	70 - 130	30
Chlorobenzene	0.20	0.50 ug/l			70 - 130	30	70 - 130	30
Chloroform	0.27	0.50 ug/l			70 - 130	25	70 - 130	25
Dibromochloromethane	0.30	0.50 ug/l			70 - 130	25	70 - 130	25
1,2-Dichlorobenzene	0.24	0.50 ug/l			70 - 130	30	70 - 130	30
1,4-Dichlorobenzene	0.22	0.50 ug/l			70 - 130	30	70 - 130	30
1,1-Dichloroethane	0.22	0.50 ug/l			70 - 130	30	70 - 130	30
1,2-Dichloroethane	0.13	0.50 ug/l			70 - 130	30	70 - 130	30
1,1-Dichloroethene	0.30	0.30 ug/l			70 - 130	30	70 - 130	30
cis-1,2-Dichloroethene	0.37	0.50 ug/l			70 - 130	30	70 - 130	30
trans-1,2-Dichloroethene	0.37	0.50 ug/l			70 - 130	30	70 - 130	30
1,2-Dichloropropane	0.18	0.50 ug/l			70 - 130	30	70 - 130	30
1,3-Dichloropropene (total)	0.27	0.50 ug/l						
Ethylbenzene	0.21	0.50 ug/l			70 - 130	30	70 - 130	30
Methyl tert-butyl ether	0.37	3.0 ug/l			75 - 126	25	75 - 126	25
Methylene chloride	0.28	0.50 ug/l			70 - 130	30	70 - 130	30
Styrene	0.18	0.50 ug/l			70 - 130	30	70 - 130	30
1,1,2,2-Tetrachloroethane	0.19	0.50 ug/l			70 - 130	30	70 - 130	30
Tetrachloroethene	0.23	0.50 ug/l			70 - 130	30	70 - 130	30
Toluene	0.30	0.50 ug/l			70 - 130	30	70 - 130	30
1,2,4-Trichlorobenzene	0.28	0.50 ug/l			70 - 130	30	70 - 130	30
1,1,1-Trichloroethane	0.30	0.50 ug/l			70 - 130	30	70 - 130	30
1,1,2-Trichloroethane	0.25	0.50 ug/l			70 - 130	30	70 - 130	30
Trichloroethene	0.28	0.50 ug/l			70 - 130	30	70 - 130	30
Trichlorofluoromethane	0.29	0.50 ug/l			70 - 130	30	70 - 130	30
Trichlorotrifluoroethane	0.25	10 ug/l			70 - 130	30	70 - 130	30
Trihalomethanes (total)	0.16	0.50 ug/l						
Vinyl chloride	0.30	0.50 ug/l			70 - 130	30	70 - 130	30
Xylenes (total)	0.46	0.50 ug/l			70 - 130	30	70 - 130	30
surr: Bromofluorobenzene			70 - 130					
surr: Dibromofluoromethane			70 - 130					
surr: Toluene-d8			70 - 130					