



Analytical Method Information

Analyte	DL	LOD	LOQ / RL	Surrogate %R	Duplicate RPD	Matrix Spike %R	RPD	Blank Spike / LCS %R	RPD
8260C-SIM VOC (EPA 8260C-SIM) 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									
Acrylonitrile	15.8 ng/L	25.0 ng/L	50.0 ng/L		30	75 - 125	30	75 - 125	30
Vinyl chloride	5.01 ng/L	10.0 ng/L	20.0 ng/L		30	76 - 120	30	76 - 120	30
1,1-Dichloroethene	4.59 ng/L	10.0 ng/L	20.0 ng/L		30	80 - 120	30	80 - 120	30
cis-1,2-Dichloroethene	3.62 ng/L	10.0 ng/L	20.0 ng/L		30	80 - 120	30	80 - 120	30
trans-1,2-Dichloroethene	5.06 ng/L	10.0 ng/L	20.0 ng/L		30	80 - 120	30	80 - 120	30
Trichloroethene	6.49 ng/L	10.0 ng/L	20.0 ng/L		30	80 - 120	30	80 - 120	30
Tetrachloroethene	6.82 ng/L	10.0 ng/L	20.0 ng/L		30	80 - 122	30	80 - 122	30
1,1,2,2-Tetrachloroethane	4.73 ng/L	10.0 ng/L	20.0 ng/L		30	80 - 128	30	80 - 128	30
1,2-Dichloroethane	4.42 ng/L	10.0 ng/L	20.0 ng/L		30	80 - 128	30	80 - 128	30
Benzene	5.03 ng/L	10.0 ng/L	20.0 ng/L		30	80 - 120	30	80 - 120	30
Toluene	40.0 ng/L	100 ng/L	200 ng/L		30	80 - 120	30	80 - 120	30
1,2-Dibromoethane	2.82 ng/L	5.00 ng/L	10.0 ng/L		30	80 - 120	30	80 - 120	30
Ethylbenzene	37.0 ng/L	100 ng/L	200 ng/L		30	80 - 120	30	80 - 120	30
m,p-Xylene	52.0 ng/L	200 ng/L	400 ng/L		30	80 - 120	30	80 - 120	30
o-Xylene	35.0 ng/L	100 ng/L	200 ng/L		30	80 - 120	30	80 - 120	30
surr: 1,2-Dichloroethane-d4						80 - 129			
surr: Toluene-d8						80 - 120			
surr: 4-Bromofluorobenzene						75 - 125			
Pentafluorobenzene									
1,4-Difluorobenzene									
Chlorobenzene-d5									