Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070725\
Data File : VX046898.D
Acq On : 07 Jul 2025 11:03
Operator : JC/MD
Sample : Q2126-07 0.2PPB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

Manual Integrations APPROVED

Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025

Quant Time: Jul 08 04:48:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 08 04:37:37 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	384136	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	643945	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	597284	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	311149	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	263600	51.943	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.880%			
35) Dibromofluoromethane	5.397	113	219765	50.277	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.560%			
50) Toluene-d8	8.647	98	767628	49.774	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.540%			
62) 4-Bromofluorobenzene	11.079	95	306494	52.291	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.580%			
Target Compounds						Qvalue
3) Chloromethane	1.313	50	857	0.214	ug/l #	82
5) Bromomethane	1.636	94	1029m	0.366	ug/l	
6) Chloroethane	1.697	64	822	0.285	ug/l #	42
10) Methyl Iodide	2.477	142	1895	0.404	ug/l #	88
11) Tert butyl alcohol	2.965	59	228	0.685	ug/l #	72
13) Acrolein	2.240	56	547	1.376	ug/l	92
15) Acrylonitrile	3.087	53	849	0.441	ug/l #	63
16) Acetone	2.392	43	1551	0.984	ug/l #	72
17) Carbon Disulfide	2.526	76	2847	0.261	ug/l	96
20) Methylene Chloride	2.800	84	2132	0.457	ug/l	95
23) Vinyl Acetate	3.776	43	6013	0.560	ug/l #	85
29) Tetrahydrofuran	5.074	42	746	0.556	ug/l #	51
42) 1,2-Dichloroethane	6.111	62	1282	0.212	ug/l	78
51) 4-Methyl-2-Pentanone	8.580	43	2440	0.537	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.275	63	1596m	0.497	ug/l	
68) m/p-Xylenes	10.311	106	2353	0.282	ug/l	94
71) Bromoform	10.805	173	647	0.200	ug/l #	29
88) 1,4-Dichlorobenzene	12.037	146	2316m	0.218	ug/l	
94) Hexachlorobutadiene	13.719	225	1111	0.439	ug/l	91

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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