

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021225\
 Data File : VX044931.D
 Acq On : 12 Feb 2025 14:26
 Operator : JC/MD
 Sample : Q1168-07 0.2PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2025

Quant Time: Feb 13 04:30:08 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 13 03:28:47 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 02/14/2025
 Supervised By :Mahesh Dadoda 02/14/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	112091	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	209530	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	181195	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	75940	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	85710	52.236	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.480%			
35) Dibromofluoromethane	5.379	113	67346	49.436	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.880%			
50) Toluene-d8	8.647	98	243528	47.274	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 94.540%			
62) 4-Bromofluorobenzene	11.079	95	81319	46.825	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 93.660%			
Target Compounds						
					Qvalue	
5) Bromomethane	1.599	94	114	0.206	ug/l	97
8) Diethyl Ether	2.123	74	178	0.209	ug/l #	1
11) Tert butyl alcohol	2.940	59	1344	4.415	ug/l #	73
13) Acrolein	2.233	56	410	1.305	ug/l	98
15) Acrylonitrile	3.081	53	484	0.596	ug/l	88
16) Acetone	2.379	43	942	1.428	ug/l #	82
20) Methylene Chloride	2.782	84	338	0.209	ug/l	90
23) Vinyl Acetate	3.739	43	1853	0.460	ug/l #	72
25) 2-Butanone	4.623	43	548m	0.512	ug/l	
29) Tetrahydrofuran	5.050	42	501	0.704	ug/l #	40
36) 1,1-Dichloropropene	5.696	75	399	0.203	ug/l #	51
37) Ethyl Acetate	4.623	43	548m	0.251	ug/l	
38) Carbon Tetrachloride	5.665	117	471m	0.245	ug/l	
42) 1,2-Dichloroethane	6.086	62	414m	0.212	ug/l	
49) 1,4-Dioxane	7.696	88	24	0.672	ug/l #	23
51) 4-Methyl-2-Pentanone	8.580	43	1104	0.514	ug/l	92
58) 2-Chloroethyl Vinyl ether	8.256	63	1425	1.279	ug/l	95
59) 2-Hexanone	9.470	43	444	0.287	ug/l	95
64) Tetrachloroethene	9.275	164	233	0.204	ug/l #	53
68) m/p-Xylenes	10.317	106	520	0.205	ug/l	85
81) trans-1,4-Dichloro-2-b...	11.079	75	42854	65.473	ug/l #	11

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

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