

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111821\
 Data File : VX025204.D
 Acq On : 18 Nov 2021 11:11
 Operator : JC/MD
 Sample : M4068-09 .2PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT4-2021

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

11/19/2021
 Supervised By :Mahesh
 Dadoda

Quant Time: Nov 19 08:20:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 19 08:20:33 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	117931	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	182061	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	161583	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	75550	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.958	65	64215	51.658	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 103.320%	
35) Dibromofluoromethane	5.385	113	57661	51.618	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.240%	
50) Toluene-d8	8.647	98	208769	49.707	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 99.420%	
62) 4-Bromofluorobenzene	11.079	95	73444	46.223	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 92.440%	

Target Compounds

						Qvalue
3) Chloromethane	1.294	50	388	0.307	ug/l #	71
5) Bromomethane	1.605	94	731	1.223	ug/l	83
6) Chloroethane	1.679	64	610	0.636	ug/l #	43
7) Trichlorofluoromethane	1.886	101	425	0.206	ug/l #	82
10) Methyl Iodide	2.453	142	508	0.370	ug/l #	76
11) Tert butyl alcohol	2.947	59	1657	4.949	ug/l #	76
13) Acrolein	2.221	56	222	3.898	ug/l #	2
14) Allyl chloride	2.660	41	596	0.301	ug/l #	83
15) Acrylonitrile	3.075	53	620	0.929	ug/l	96
16) Acetone	2.386	43	1343	1.944	ug/l	96
17) Carbon Disulfide	2.520	76	914	0.297	ug/l #	83
18) Methyl Acetate	2.703	43	588	0.266	ug/l #	61
20) Methylene Chloride	2.800	84	457	0.352	ug/l #	58
23) Vinyl Acetate	3.727	43	2603	0.860	ug/l #	93
25) 2-Butanone	4.568	43	1256	1.258	ug/l #	75
26) 2,2-Dichloropropane	4.489	77	385	0.206	ug/l #	53
29) Tetrahydrofuran	5.019	42	441	0.713	ug/l #	54
30) Chloroform	5.086	83	456	0.213	ug/l #	64
37) Ethyl Acetate	4.733	43	428	0.237	ug/l #	68
41) Methacrylonitrile	4.928	41	207	0.206	ug/l #	45
42) 1,2-Dichloroethane	6.098	62	444	0.284	ug/l #	77
43) Isopropyl Acetate	6.361	43	716	0.238	ug/l #	65
48) Methyl methacrylate	7.708	41	363	0.257	ug/l #	67
49) 1,4-Dioxane	7.684	88	41	1.375	ug/l #	70
51) 4-Methyl-2-Pentanone	8.580	43	1701	0.902	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	250	0.200	ug/l #	67
58) 2-Chloroethyl Vinyl ether	8.251	63	711	0.754	ug/l	100
59) 2-Hexanone	9.433	43	1423	0.957	ug/l	88
64) Tetrachloroethene	9.275	164	296	0.222	ug/l #	79
67) Ethyl Benzene	10.195	91	1214	0.213	ug/l	95
68) m/p-Xylenes	10.305	106	801	0.345	ug/l	99
73) Isopropylbenzene	10.963	105	1138	0.211	ug/l	97
76) 1,2,3-Trichloropropane	11.250	75	360m	0.233	ug/l	
77) Bromobenzene	11.201	156	296	0.214	ug/l	95
80) 1,3,5-Trimethylbenzene	11.457	105	949	0.210	ug/l	94
87) 1,3-Dichlorobenzene	11.969	146	549	0.213	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
88) 1,4-Dichlorobenzene	12.043	146	706m	0.270	ug/l	

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

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