

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111721\
 Data File : VN069529.D
 Acq On : 17 Nov 2021 13:57
 Operator : JC/MD
 Sample : M4068-07 .2PPB
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2021

Manual Integrations
 APPROVED

Reviewed By :John Carlone 11/18/2021
 Supervised By :Mahesh Dadoda 11/18/2021

Quant Time: Nov 18 08:08:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 18 08:00:30 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	1001556	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1732408	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1502263	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	484994	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	819130	56.406	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 112.820%			
35) Dibromofluoromethane	8.021	113	554752	53.392	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 106.780%			
50) Toluene-d8	10.443	98	2131999	52.172	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 104.340%			
62) 4-Bromofluorobenzene	12.731	95	644118	42.906	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 85.820%			
Target Compounds						Qvalue
3) Chloromethane	2.306	50	4598	0.371	ug/l	95
5) Bromomethane	2.872	94	5107m	0.633	ug/l	
10) Methyl Iodide	4.425	142	3219m	0.290	ug/l	
11) Tert butyl alcohol	5.321	59	13507m	5.162	ug/l	
13) Acrolein	4.044	56	1526m	3.712	ug/l	
14) Allyl chloride	4.846	41	4182m	0.233	ug/l	
15) Acrylonitrile	5.557	53	5442m	0.812	ug/l	
16) Acetone	4.296	43	12256	1.564	ug/l	99
17) Carbon Disulfide	4.535	76	3940	0.205	ug/l #	74
18) Methyl Acetate	4.870	43	8489	0.333	ug/l #	67
20) Methylene Chloride	5.109	84	5535m	0.498	ug/l	
23) Vinyl Acetate	6.434	43	14775	0.494	ug/l	97
25) 2-Butanone	7.356	43	15073m	1.421	ug/l	
26) 2,2-Dichloropropane	7.321	77	4082m	0.265	ug/l	
29) Tetrahydrofuran	7.705	42	6660m	1.023	ug/l	
31) Cyclohexane	8.088	56	28151m	1.419	ug/l	
37) Ethyl Acetate	7.415	43	5232m	0.266	ug/l	
42) 1,2-Dichloroethane	8.531	62	4464	0.253	ug/l #	76
49) 1,4-Dioxane	9.574	88	876	3.298	ug/l #	64
51) 4-Methyl-2-Pentanone	10.333	43	16663	0.816	ug/l	91
58) 2-Chloroethyl Vinyl ether	10.046	63	3686	0.850	ug/l #	73
59) 2-Hexanone	11.090	43	15854	1.041	ug/l	82
68) m/p-Xylenes	11.959	106	5229	0.276	ug/l	97
74) N-amyl acetate	12.393	43	5880	0.359	ug/l #	76
75) 1,1,2,2-Tetrachloroethane	12.828	83	2727	0.209	ug/l #	91
77) Bromobenzene	12.860	156	2212	0.250	ug/l	58
82) 4-Chlorotoluene	13.106	91	5914	0.231	ug/l #	66
87) 1,3-Dichlorobenzene	13.616	146	3567	0.233	ug/l	77
88) 1,4-Dichlorobenzene	13.694	146	5157m	0.343	ug/l	
89) n-Butylbenzene	13.943	91	7164	0.283	ug/l	93
91) 1,2-Dichlorobenzene	13.994	146	4309	0.296	ug/l	92
92) 1,2-Dibromo-3-Chloropr...	14.598	75	581	0.276	ug/l #	49
93) 1,2,4-Trichlorobenzene	15.268	180	3580	0.558	ug/l	85
95) Naphthalene	15.507	128	16947	0.985	ug/l	95
96) 1,2,3-Trichlorobenzene	15.705	180	4160	0.677	ug/l #	20

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

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