

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061421\
 Data File : VN067331.D
 Acq On : 14 Jun 2021 19:38
 Operator : JC/MD
 Sample : M2262-08 1.0PPB LOQ
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT2-2021

Manual Integrations
 APPROVED

MMDadoda
 6/15/2021 5:16:17 PM

Quant Time: Jun 15 04:43:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 15 04:39:21 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	330208	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	648517	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	593795	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	228473	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	335985	51.578	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 103.160%			
35) Dibromofluoromethane	8.024	113	213048	49.395	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 98.800%			
50) Toluene-d8	10.443	98	805244	48.709	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 97.420%			
62) 4-Bromofluorobenzene	12.736	95	314394	46.083	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 92.160%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	3729	0.769	ug/l	95
3) Chloromethane	2.301	50	5159	1.029	ug/l	96
4) Vinyl Chloride	2.440	62	4263	0.867	ug/l	93
5) Bromomethane	2.848	94	3316	1.590	ug/l	92
6) Chloroethane	3.014	64	2516	0.833	ug/l	92
7) Trichlorofluoromethane	3.368	101	5532	0.811	ug/l	96
8) Diethyl Ether	3.824	74	2671m	0.963	ug/l	
9) 1,1,2-Trichlorotrifluo...	4.194	101	3267m	0.796	ug/l	
10) Methyl Iodide	4.409	142	2626m	0.728	ug/l	
11) Tert butyl alcohol	5.404	59	5306m	4.948	ug/l	
12) 1,1-Dichloroethene	4.178	96	3610	0.912	ug/l #	72
13) Acrolein	4.039	56	5058m	7.556	ug/l	
14) Allyl chloride	4.819	41	2625	0.299	ug/l #	36
15) Acrylonitrile	5.557	53	10644m	4.522	ug/l	
16) Acetone	4.299	43	10976	4.391	ug/l	91
17) Carbon Disulfide	4.529	76	11123	0.870	ug/l	98
18) Methyl Acetate	4.862	43	7018	1.158	ug/l #	83
19) Methyl tert-butyl Ether	5.626	73	13265	0.834	ug/l	99
20) Methylene Chloride	5.103	84	6399m	1.230	ug/l	
21) trans-1,2-Dichloroethene	5.591	96	4131	0.941	ug/l #	71
22) Diisopropyl ether	6.503	45	12378	0.763	ug/l #	85
23) Vinyl Acetate	6.439	43	57852	3.892	ug/l	97
24) 1,1-Dichloroethane	6.383	63	8314	0.914	ug/l #	85
25) 2-Butanone	7.351	43	18214	5.099	ug/l #	88
26) 2,2-Dichloropropane	7.327	77	8068	0.875	ug/l #	71
27) cis-1,2-Dichloroethene	7.321	96	4290	0.831	ug/l	88
28) Bromochloromethane	7.657	49	3978	0.939	ug/l #	28
29) Tetrahydrofuran	7.702	42	9580	4.254	ug/l	93
30) Chloroform	7.817	83	8887	0.930	ug/l	97
31) Cyclohexane	8.086	56	17185	1.941	ug/l #	52
32) 1,1,1-Trichloroethane	8.013	97	8351	0.952	ug/l #	51
36) 1,1-Dichloropropene	8.222	75	6361	0.875	ug/l	95
37) Ethyl Acetate	7.421	43	8286m	1.076	ug/l	
38) Carbon Tetrachloride	8.204	117	6224	0.796	ug/l	98
39) Methylcyclohexane	9.464	83	6154	0.800	ug/l	96
40) Benzene	8.461	78	17529	0.864	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.640	41	3060	0.764	ug/l #	87
42) 1,2-Dichloroethane	8.536	62	8613	1.004	ug/l	95
43) Isopropyl Acetate	8.568	43	13061	0.945	ug/l #	89
44) Trichloroethene	9.220	130	3752	0.791	ug/l	99
45) 1,2-Dichloropropane	9.491	63	5194	0.960	ug/l #	87
46) Dibromomethane	9.579	93	3122	0.848	ug/l #	74
47) Bromodichloromethane	9.765	83	6736	0.816	ug/l #	91
48) Methyl methacrylate	9.563	41	5432	0.862	ug/l	96
49) 1,4-Dioxane	9.579	88	1739	20.155	ug/l #	78
51) 4-Methyl-2-Pentanone	10.333	43	35074	4.406	ug/l	96
52) Toluene	10.507	92	9929	0.778	ug/l	88
53) t-1,3-Dichloropropene	10.722	75	7682	0.840	ug/l #	84
54) cis-1,3-Dichloropropene	10.194	75	7652	0.828	ug/l	90
55) 1,1,2-Trichloroethane	10.904	97	4256	0.863	ug/l	97
56) Ethyl methacrylate	10.762	69	7857	0.886	ug/l	93
57) 1,3-Dichloropropane	11.049	76	7024	0.779	ug/l	90
58) 2-Chloroethyl Vinyl ether	10.046	63	8647	3.350	ug/l	99
59) 2-Hexanone	11.089	43	26202	4.493	ug/l	97
60) Dibromochloromethane	11.248	129	4690	0.869	ug/l	100
61) 1,2-Dibromoethane	11.352	107	4205	0.814	ug/l	95
64) Tetrachloroethene	10.980	164	4067	0.965	ug/l	92
65) Chlorobenzene	11.773	112	11338	0.877	ug/l #	87
66) 1,1,1,2-Tetrachloroethane	11.843	131	4359	0.906	ug/l #	65
67) Ethyl Benzene	11.848	91	21619	0.846	ug/l	99
68) m/p-Xylenes	11.958	106	14587	1.606	ug/l	96
69) o-Xylene	12.286	106	7162	0.806	ug/l	95
70) Styrene	12.296	104	11888	0.805	ug/l	94
71) Bromoform	12.460	173	2612	0.710	ug/l #	67
73) Isopropylbenzene	12.583	105	20608	0.940	ug/l	93
74) N-amyl acetate	12.393	43	9005	0.841	ug/l #	93
75) 1,1,2,2-Tetrachloroethane	12.833	83	6091	0.932	ug/l	98
76) 1,2,3-Trichloropropane	12.886	75	6337m	1.068	ug/l	
77) Bromobenzene	12.865	156	3793	0.850	ug/l	86
78) n-propylbenzene	12.927	91	23269	0.892	ug/l	99
79) 2-Chlorotoluene	13.012	91	15291	0.942	ug/l	98
80) 1,3,5-Trimethylbenzene	13.061	105	16091	0.871	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.629	75	1819m	0.760	ug/l	
82) 4-Chlorotoluene	13.112	91	15179	0.939	ug/l	98
83) tert-Butylbenzene	13.326	119	13433	0.913	ug/l	95
84) 1,2,4-Trimethylbenzene	13.372	105	15895	0.871	ug/l	95
85) sec-Butylbenzene	13.506	105	17503	0.841	ug/l	100
86) p-Isopropyltoluene	13.619	119	14237	0.847	ug/l	97
87) 1,3-Dichlorobenzene	13.621	146	7246	0.900	ug/l	98
88) 1,4-Dichlorobenzene	13.699	146	7899m	0.975	ug/l	
89) n-Butylbenzene	13.946	91	13779	0.873	ug/l	98
90) Hexachloroethane	14.214	117	2716	0.827	ug/l	94
91) 1,2-Dichlorobenzene	13.999	146	7117	0.931	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.603	75	1442	0.883	ug/l #	79
93) 1,2,4-Trichlorobenzene	15.265	180	3436	0.861	ug/l	86
94) Hexachlorobutadiene	15.378	225	1681	0.734	ug/l	76
95) Naphthalene	15.512	128	12146	0.999	ug/l	99
96) 1,2,3-Trichlorobenzene	15.705	180	3848	1.005	ug/l	96

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

