

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062122\
 Data File : VN072988.D
 Acq On : 21 Jun 2022 17:08
 Operator : JC\MD
 Sample : N3357-03MS
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1MS

Quant Time: Jun 22 07:01:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061722W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 18 06:22:45 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/22/2022
 Supervised By : Mahesh Dadoda 06/23/2022

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	239816	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	417708	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	380305	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	174346	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	179513	55.367	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.740%			
35) Dibromofluoromethane	7.951	113	142828	55.321	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.640%			
50) Toluene-d8	10.374	98	528141	54.975	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 109.940%			
62) 4-Bromofluorobenzene	12.668	95	195386	56.559	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 113.120%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	126964	55.604	ug/l	100
3) Chloromethane	2.269	50	115892	47.248	ug/l	96
4) Vinyl Chloride	2.404	62	109858	53.650	ug/l	100
5) Bromomethane	2.787	94	39106	48.513	ug/l	93
6) Chloroethane	2.957	64	75399	58.855	ug/l	99
7) Trichlorofluoromethane	3.316	101	212115	63.610	ug/l	98
8) Diethyl Ether	3.769	74	93450	54.301	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.140	101	123843	53.727	ug/l	99
10) Methyl Iodide	4.345	142	87532	33.130	ug/l	96
11) Tert butyl alcohol	5.298	59	232138	277.175	ug/l	100
12) 1,1-Dichloroethene	4.116	96	120838	52.629	ug/l	98
13) Acrolein	3.987	56	82906	251.345	ug/l	99
14) Allyl chloride	4.757	41	264844	53.989	ug/l #	93
15) Acrylonitrile	5.475	53	554626	287.274	ug/l	99
16) Acetone	4.222	43	499772	280.417	ug/l	95
17) Carbon Disulfide	4.463	76	267975	45.552	ug/l	99
18) Methyl Acetate	4.781	43	246738	51.989	ug/l	91
19) Methyl tert-butyl Ether	5.534	73	501711	58.182	ug/l	99
20) Methylene Chloride	5.016	84	153330	55.492	ug/l	90
21) trans-1,2-Dichloroethene	5.516	96	129401	51.811	ug/l	97
22) Diisopropyl ether	6.416	45	533719	58.362	ug/l	97
23) Vinyl Acetate	6.351	43	2318777	274.675	ug/l	94
24) 1,1-Dichloroethane	6.310	63	269284	56.165	ug/l	100
25) 2-Butanone	7.263	43	795342	281.224	ug/l	91
26) 2,2-Dichloropropane	7.251	77	194519	48.862	ug/l	100
27) cis-1,2-Dichloroethene	7.251	96	163191	54.691	ug/l	98
28) Bromochloromethane	7.586	49	110929	55.944	ug/l	86
29) Tetrahydrofuran	7.610	42	536539	287.289	ug/l	88
30) Chloroform	7.745	83	275954	56.855	ug/l	100
31) Cyclohexane	8.022	56	221426	50.487	ug/l	89
32) 1,1,1-Trichloroethane	7.945	97	242264	56.879	ug/l	100
36) 1,1-Dichloropropene	8.151	75	188045	53.827	ug/l	98
37) Ethyl Acetate	7.339	43	293859	52.589	ug/l	96
38) Carbon Tetrachloride	8.133	117	199058	54.171	ug/l	99
39) Methylcyclohexane	9.392	83	219487	52.124	ug/l	97
40) Benzene	8.386	78	606218	55.215	ug/l	99

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41) Methacrylonitrile	7.569	41	150490	56.792	ug/l #	89
42) 1,2-Dichloroethane	8.463	62	224097	57.467	ug/l	98
43) Isopropyl Acetate	8.492	43	445762	55.806	ug/l	93
44) Trichloroethene	9.145	130	146633	52.702	ug/l	97
45) 1,2-Dichloropropane	9.427	63	160297	57.118	ug/l	99
46) Dibromomethane	9.510	93	107432	56.615	ug/l	93
47) Bromodichloromethane	9.698	83	218154	57.847	ug/l	99
48) Methyl methacrylate	9.498	41	208418	57.150	ug/l	89
49) 1,4-Dioxane	9.504	88	92208	1123.716	ug/l #	92
51) 4-Methyl-2-Pentanone	10.269	43	1533960	294.496	ug/l	91
52) Toluene	10.439	92	373198	55.365	ug/l	99
53) t-1,3-Dichloropropene	10.657	75	235561	58.081	ug/l	100
54) cis-1,3-Dichloropropene	10.127	75	246273	55.591	ug/l #	90
55) 1,1,2-Trichloroethane	10.833	97	160785	54.325	ug/l	97
56) Ethyl methacrylate	10.698	69	277184	58.430	ug/l	86
57) 1,3-Dichloropropane	10.980	76	275074	56.021	ug/l	99
59) 2-Hexanone	11.021	43	1195921	296.852	ug/l	90
60) Dibromochloromethane	11.174	129	167839	60.003	ug/l	99
61) 1,2-Dibromoethane	11.280	107	166982	57.229	ug/l	100
64) Tetrachloroethene	10.910	164	120366	52.026	ug/l	96
65) Chlorobenzene	11.704	112	400406	53.911	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.780	131	152420	53.919	ug/l	100
67) Ethyl Benzene	11.780	91	732055	55.991	ug/l	100
68) m/p-Xylenes	11.886	106	556677	108.556	ug/l	97
69) o-Xylene	12.216	106	281092	54.857	ug/l	98
70) Styrene	12.233	104	460266	55.933	ug/l	99
71) Bromoform	12.392	173	122365	57.409	ug/l #	100
73) Isopropylbenzene	12.515	105	732709	54.324	ug/l	98
74) N-amyl acetate	12.327	43	363665	51.957	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.763	83	263529	54.252	ug/l	100
76) 1,2,3-Trichloropropane	12.815	75	202326m	47.865	ug/l	
77) Bromobenzene	12.798	156	169178	52.357	ug/l	89
78) n-propylbenzene	12.857	91	823848	55.531	ug/l	98
79) 2-Chlorotoluene	12.945	91	510767	53.166	ug/l	99
80) 1,3,5-Trimethylbenzene	12.998	105	603914	54.509	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.563	75	82697	52.835	ug/l	94
82) 4-Chlorotoluene	13.039	91	495607	54.525	ug/l	99
83) tert-Butylbenzene	13.257	119	555409	54.737	ug/l	98
84) 1,2,4-Trimethylbenzene	13.304	105	610389	55.314	ug/l	97
85) sec-Butylbenzene	13.439	105	747182	55.201	ug/l	98
86) p-Isopropyltoluene	13.551	119	611438	55.795	ug/l	98
87) 1,3-Dichlorobenzene	13.551	146	307711	53.341	ug/l	99
88) 1,4-Dichlorobenzene	13.627	146	305159	52.264	ug/l	98
89) n-Butylbenzene	13.880	91	499685	55.841	ug/l	99
90) Hexachloroethane	14.145	117	115083	55.704	ug/l	88
91) 1,2-Dichlorobenzene	13.921	146	319632	53.129	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.539	75	64989	53.059	ug/l	90
93) 1,2,4-Trichlorobenzene	15.192	180	167536	50.319	ug/l	99
94) Hexachlorobutadiene	15.298	225	71258	49.182	ug/l	99
95) Naphthalene	15.427	128	655934	48.701	ug/l	100
96) 1,2,3-Trichlorobenzene	15.621	180	171113	48.129	ug/l	99

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

