

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042022\
 Data File : VN072115.D
 Acq On : 21 Apr 2022 07:07
 Operator : JC\MD
 Sample : N2482-07MSD
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-7RMSD

Quant Time: Apr 21 07:53:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/21/2022
 Supervised By : Mahesh Dadoda 04/21/2022

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	479685	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	755261	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	714140	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	294159	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	265160	48.421	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.840%		
35) Dibromofluoromethane	8.016	113	238518	53.669	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	107.340%		
50) Toluene-d8	10.439	98	934222	51.386	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	102.780%		
62) 4-Bromofluorobenzene	12.727	95	316312	53.796	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	107.600%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.069	85	248798	65.241	ug/l	100
3) Chloromethane	2.299	50	272472	56.384	ug/l	99
4) Vinyl Chloride	2.440	62	262866	49.534	ug/l	99
5) Bromomethane	2.822	94	160725	46.590	ug/l	99
6) Chloroethane	2.999	64	162761	42.633	ug/l	96
7) Trichlorofluoromethane	3.363	101	365531	54.139	ug/l	97
8) Diethyl Ether	3.822	74	158133	55.419	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.210	101	217655	52.312	ug/l	96
10) Methyl Iodide	4.416	142	320699	55.140	ug/l	99
11) Tert butyl alcohol	5.369	59	248518	279.645	ug/l	100
12) 1,1-Dichloroethene	4.181	96	218118	55.089	ug/l	90
13) Acrolein	4.040	56	197936	182.668	ug/l	99
14) Allyl chloride	4.834	41	324339	50.470	ug/l	94
15) Acrylonitrile	5.551	53	731532	283.196	ug/l	99
16) Acetone	4.281	43	581509	248.475	ug/l	92
17) Carbon Disulfide	4.528	76	516384	56.843	ug/l	98
18) Methyl Acetate	4.851	43	272245	46.882	ug/l	98
19) Methyl tert-butyl Ether	5.610	73	800086	54.394	ug/l	95
20) Methylene Chloride	5.093	84	267396	54.208	ug/l	97
21) trans-1,2-Dichloroethene	5.599	96	236029	54.303	ug/l	94
22) Diisopropyl ether	6.493	45	778616	55.655	ug/l	94
23) Vinyl Acetate	6.428	43	2775944	249.518	ug/l	98
24) 1,1-Dichloroethane	6.381	63	469701	57.190	ug/l	99
25) 2-Butanone	7.328	43	964182	285.781	ug/l	96
26) 2,2-Dichloropropane	7.322	77	266062	37.710	ug/l	94
27) cis-1,2-Dichloroethene	7.322	96	306823	57.566	ug/l	94
28) Bromochloromethane	7.651	49	160381	48.409	ug/l	95
29) Tetrahydrofuran	7.681	42	632201	289.388	ug/l	95
30) Chloroform	7.810	83	485382	55.970	ug/l	98
31) Cyclohexane	8.092	56	409626	55.004	ug/l	98
32) 1,1,1-Trichloroethane	8.010	97	422328	56.926	ug/l	98
36) 1,1-Dichloropropene	8.222	75	353479	56.955	ug/l	99
37) Ethyl Acetate	7.410	43	388741	57.227	ug/l	97
38) Carbon Tetrachloride	8.204	117	349123	57.398	ug/l	99
39) Methylcyclohexane	9.457	83	436942	59.144	ug/l	97
40) Benzene	8.457	78	1132657	57.773	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	201391	60.548	ug/l	93
42) 1,2-Dichloroethane	8.528	62	366463	54.035	ug/l	97
43) Isopropyl Acetate	8.557	43	565322	50.034	ug/l	97
44) Trichloroethene	9.210	130	288273	57.074	ug/l	98
45) 1,2-Dichloropropane	9.486	63	286353	58.466	ug/l	99
46) Dibromomethane	9.575	93	190374	57.248	ug/l	97
47) Bromodichloromethane	9.757	83	380308	58.098	ug/l	99
48) Methyl methacrylate	9.557	41	280293	59.794	ug/l	92
49) 1,4-Dioxane	9.563	88	128065	1153.690	ug/l	99
51) 4-Methyl-2-Pentanone	10.328	43	1985183	305.593	ug/l	96
52) Toluene	10.498	92	749167	60.451	ug/l	99
53) t-1,3-Dichloropropene	10.716	75	394285	57.471	ug/l	99
54) cis-1,3-Dichloropropene	10.186	75	429119	56.609	ug/l	93
55) 1,1,2-Trichloroethane	10.892	97	297728	58.373	ug/l	99
56) Ethyl methacrylate	10.757	69	478461	65.757	ug/l	93
57) 1,3-Dichloropropane	11.039	76	496904	58.268	ug/l	99
59) 2-Hexanone	11.081	43	1417101	309.841	ug/l	95
60) Dibromochloromethane	11.233	129	310539	62.441	ug/l	99
61) 1,2-Dibromoethane	11.339	107	308198	61.386	ug/l	99
64) Tetrachloroethene	10.975	164	252603	53.566	ug/l	99
65) Chlorobenzene	11.763	112	816742	57.116	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.833	131	296056	57.376	ug/l	99
67) Ethyl Benzene	11.839	91	1415156	58.460	ug/l	99
68) m/p-Xylenes	11.951	106	1087376	116.909	ug/l	100
69) o-Xylene	12.275	106	551867	59.778	ug/l	98
70) Styrene	12.286	104	871957	62.338	ug/l	99
71) Bromoform	12.451	173	242813	61.793	ug/l	99
73) Isopropylbenzene	12.575	105	1396173	56.325	ug/l	99
74) N-amyl acetate	12.380	43	354961	49.979	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.822	83	432447	52.287	ug/l	100
76) 1,2,3-Trichloropropane	12.875	75	320902m	47.092	ug/l	
77) Bromobenzene	12.857	156	337214	54.267	ug/l	95
78) n-propylbenzene	12.916	91	1497656	57.437	ug/l	100
79) 2-Chlorotoluene	13.004	91	922984	55.196	ug/l	99
80) 1,3,5-Trimethylbenzene	13.051	105	1134006	57.740	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.622	75	110493	50.248	ug/l	97
82) 4-Chlorotoluene	13.098	91	853195	55.045	ug/l	99
83) tert-Butylbenzene	13.316	119	1023480	57.009	ug/l	98
84) 1,2,4-Trimethylbenzene	13.363	105	1121071	58.503	ug/l	100
85) sec-Butylbenzene	13.498	105	1346216	57.845	ug/l	99
86) p-Isopropyltoluene	13.610	119	1104433	59.518	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	534345	53.976	ug/l	99
88) 1,4-Dichlorobenzene	13.692	146	523536	54.207	ug/l	99
89) n-Butylbenzene	13.939	91	782816	56.878	ug/l	100
90) Hexachloroethane	14.204	117	195791	57.639	ug/l	97
91) 1,2-Dichlorobenzene	13.980	146	528870	54.417	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.598	75	74527	58.094	ug/l	96
93) 1,2,4-Trichlorobenzene	15.257	180	258093	54.916	ug/l	100
94) Hexachlorobutadiene	15.363	225	142286	49.639	ug/l	98
95) Naphthalene	15.498	128	793941	58.565	ug/l	99
96) 1,2,3-Trichlorobenzene	15.692	180	259190	56.808	ug/l	100

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

