

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122221\
 Data File : VN070299.D
 Acq On : 22 Dec 2021 19:26
 Operator : JC/MD
 Sample : M5115-07MSD
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-5MSD

Quant Time: Dec 23 04:39:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 12/23/2021
 Supervised By :Semsettin Yesilyurt 12/23/2021

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	891361	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1483926	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1410820	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	596989	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	674666	49.022	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.040%		
35) Dibromofluoromethane	8.021	113	471497	50.726	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	101.460%		
50) Toluene-d8	10.441	98	1817478	48.697	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.400%		
62) 4-Bromofluorobenzene	12.731	95	696954	51.546	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	103.100%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	402554	38.721	ug/l	99
3) Chloromethane	2.303	50	529640	40.664	ug/l	100
4) Vinyl Chloride	2.446	62	512843	42.822	ug/l	99
5) Bromomethane	2.834	94	284618	43.744	ug/l	99
6) Chloroethane	3.006	64	322111	43.891	ug/l	97
7) Trichlorofluoromethane	3.368	101	679713	43.243	ug/l	97
8) Diethyl Ether	3.821	74	327617	54.117	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.202	101	444780	50.480	ug/l	96
10) Methyl Iodide	4.414	142	600759	49.910	ug/l	99
11) Tert butyl alcohol	5.388	59	657003	252.551	ug/l	99
12) 1,1-Dichloroethene	4.173	96	411587	48.476	ug/l	90
13) Acrolein	4.039	56	695857	314.102	ug/l	98
14) Allyl chloride	4.835	41	1005473	52.554	ug/l #	89
15) Acrylonitrile	5.554	53	1949988	278.171	ug/l	100
16) Acetone	4.288	43	1772496	214.100	ug/l	98
17) Carbon Disulfide	4.521	76	856073	39.027	ug/l	98
18) Methyl Acetate	4.857	43	1269335	50.795	ug/l	91
19) Methyl tert-butyl Ether	5.618	73	1855950	56.218	ug/l	96
20) Methylene Chloride	5.090	84	541759	49.225	ug/l #	85
21) trans-1,2-Dichloroethene	5.594	96	442249	47.955	ug/l	87
22) Diisopropyl ether	6.498	45	2132932	57.037	ug/l	92
23) Vinyl Acetate	6.434	43	8149523	267.871	ug/l	94
24) 1,1-Dichloroethane	6.385	63	1034607	53.410	ug/l	98
25) 2-Butanone	7.337	43	2843826	252.817	ug/l	92
26) 2,2-Dichloropropane	7.324	77	756048	50.198	ug/l	96
27) cis-1,2-Dichloroethene	7.324	96	568940	51.063	ug/l	85
28) Bromochloromethane	7.657	49	558432	55.437	ug/l #	79
29) Tetrahydrofuran	7.686	42	1846338	270.312	ug/l	87
30) Chloroform	7.818	83	1039206	53.119	ug/l	100
31) Cyclohexane	8.094	56	876568	45.767	ug/l	87
32) 1,1,1-Trichloroethane	8.013	97	859448	51.574	ug/l	96
36) 1,1-Dichloropropene	8.220	75	700703	49.602	ug/l	96
37) Ethyl Acetate	7.415	43	1039315	49.431	ug/l	96
38) Carbon Tetrachloride	8.204	117	694482	50.133	ug/l	99
39) Methylcyclohexane	9.459	83	798316	47.510	ug/l	88
40) Benzene	8.459	78	2197938	50.903	ug/l	99

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41) Methacrylonitrile	7.638	41	590079	59.785	ug/l #	87
42) 1,2-Dichloroethane	8.528	62	900865	51.683	ug/l	97
43) Isopropyl Acetate	8.563	43	1692106	54.383	ug/l #	94
44) Trichloroethene	9.215	130	506690	49.165	ug/l	91
45) 1,2-Dichloropropane	9.491	63	640234	55.215	ug/l	99
46) Dibromomethane	9.577	93	396412	52.129	ug/l	93
47) Bromodichloromethane	9.762	83	799911	55.557	ug/l	100
48) Methyl methacrylate	9.561	41	811254	55.870	ug/l	87
49) 1,4-Dioxane	9.569	88	252668	969.790	ug/l #	85
51) 4-Methyl-2-Pentanone	10.331	43	5927766	293.676	ug/l	96
52) Toluene	10.505	92	1376001	52.197	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	874480	50.463	ug/l	99
54) cis-1,3-Dichloropropene	10.188	75	921748	50.681	ug/l	91
55) 1,1,2-Trichloroethane	10.896	97	588438	55.323	ug/l	97
56) Ethyl methacrylate	10.762	69	1041506	51.809	ug/l #	89
57) 1,3-Dichloropropane	11.044	76	1030656	55.031	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.046	63	239	18.430	ug/l #	45
59) 2-Hexanone	11.084	43	4307773	282.123	ug/l	94
60) Dibromochloromethane	11.237	129	577508	50.642	ug/l	99
61) 1,2-Dibromoethane	11.347	107	592184	53.753	ug/l	100
64) Tetrachloroethene	10.977	164	416807	43.570	ug/l	93
65) Chlorobenzene	11.771	112	1497145	52.309	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.841	131	556517	55.244	ug/l	100
67) Ethyl Benzene	11.843	91	2769371	53.267	ug/l	96
68) m/p-Xylenes	11.953	106	2007327	106.040	ug/l	93
69) o-Xylene	12.280	106	1020823	53.537	ug/l	91
70) Styrene	12.294	104	1675498	55.415	ug/l	95
71) Bromoform	12.457	173	434178	50.370	ug/l #	100
73) Isopropylbenzene	12.578	105	2727020	51.342	ug/l	98
74) N-amyl acetate	12.388	43	1277766	54.397	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.827	83	964098	52.490	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	890441m	52.011	ug/l	
77) Bromobenzene	12.860	156	621972	49.853	ug/l	76
78) n-propylbenzene	12.921	91	3070186	51.944	ug/l	96
79) 2-Chlorotoluene	13.007	91	1908589	51.104	ug/l	92
80) 1,3,5-Trimethylbenzene	13.058	105	2207439	51.634	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.626	75	263988	50.428	ug/l	96
82) 4-Chlorotoluene	13.104	91	1823385	51.915	ug/l	92
83) tert-Butylbenzene	13.324	119	1982078	52.359	ug/l	92
84) 1,2,4-Trimethylbenzene	13.367	105	2171844	53.343	ug/l	97
85) sec-Butylbenzene	13.501	105	2766328	53.875	ug/l	97
86) p-Isopropyltoluene	13.616	119	2170128	54.069	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	1040297	50.756	ug/l	96
88) 1,4-Dichlorobenzene	13.694	146	1000373	49.666	ug/l	97
89) n-Butylbenzene	13.943	91	1811885	55.651	ug/l	97
90) Hexachloroethane	14.211	117	378519	53.716	ug/l	89
91) 1,2-Dichlorobenzene	13.989	146	1018900	51.020	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.603	75	185798	55.980	ug/l	77
93) 1,2,4-Trichlorobenzene	15.265	180	530405	53.913	ug/l	97
94) Hexachlorobutadiene	15.370	225	285874	54.014	ug/l	99
95) Naphthalene	15.507	128	1690054	57.297	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	538824	56.132	ug/l	95

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

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