

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122221\
 Data File : VN070298.D
 Acq On : 22 Dec 2021 19:00
 Operator : JC/MD
 Sample : M5115-06MS
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-5MS

Quant Time: Dec 23 04:39:16 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	894163	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1477799	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1401088	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	589701	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	729011	52.804	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 105.600%			
35) Dibromofluoromethane	8.021	113	513574	55.482	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 110.960%			
50) Toluene-d8	10.440	98	1985235	53.412	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 106.820%			
62) 4-Bromofluorobenzene	12.731	95	759584	56.410	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 112.820%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.073	85	394757	37.852	ug/l	99
3) Chloromethane	2.303	50	510880	39.101	ug/l	98
4) Vinyl Chloride	2.445	62	490062	40.791	ug/l	99
5) Bromomethane	2.834	94	268677	41.164	ug/l	100
6) Chloroethane	3.006	64	312146	42.400	ug/l	97
7) Trichlorofluoromethane	3.368	101	657409	41.693	ug/l	99
8) Diethyl Ether	3.824	74	311092	51.227	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.202	101	422609	47.814	ug/l	96
10) Methyl Iodide	4.417	142	568652	47.094	ug/l	99
11) Tert butyl alcohol	5.385	59	631953	242.160	ug/l	99
12) 1,1-Dichloroethene	4.175	96	390534	45.852	ug/l	87
13) Acrolein	4.039	56	674208	303.376	ug/l	97
14) Allyl chloride	4.838	41	960553	50.049	ug/l #	90
15) Acrylonitrile	5.554	53	1868536	265.717	ug/l	99
16) Acetone	4.288	43	1700533	204.763	ug/l	98
17) Carbon Disulfide	4.524	76	810979	36.855	ug/l	98
18) Methyl Acetate	4.857	43	1211023	48.310	ug/l	91
19) Methyl tert-butyl Ether	5.618	73	1772197	53.513	ug/l	95
20) Methylene Chloride	5.093	84	514513	46.603	ug/l #	85
21) trans-1,2-Dichloroethene	5.594	96	416962	45.072	ug/l #	84
22) Diisopropyl ether	6.498	45	2039189	54.360	ug/l	91
23) Vinyl Acetate	6.434	43	7748824	253.902	ug/l	94
24) 1,1-Dichloroethane	6.385	63	992041	51.052	ug/l	98
25) 2-Butanone	7.337	43	2754324	244.093	ug/l	91
26) 2,2-Dichloropropane	7.324	77	728583	48.223	ug/l	96
27) cis-1,2-Dichloroethene	7.324	96	546894	48.930	ug/l	86
28) Bromochloromethane	7.657	49	509036	50.375	ug/l #	77
29) Tetrahydrofuran	7.686	42	1777850	259.470	ug/l	88
30) Chloroform	7.817	83	990922	50.493	ug/l	98
31) Cyclohexane	8.091	56	834846	43.452	ug/l	88
32) 1,1,1-Trichloroethane	8.013	97	827139	49.479	ug/l	96
36) 1,1-Dichloropropene	8.220	75	669503	47.590	ug/l	96
37) Ethyl Acetate	7.415	43	993241	47.436	ug/l	96
38) Carbon Tetrachloride	8.206	117	657267	47.643	ug/l	98
39) Methylcyclohexane	9.459	83	768687	45.936	ug/l	89
40) Benzene	8.458	78	2120291	49.308	ug/l	99

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41) Methacrylonitrile	7.638	41	531083	54.031	ug/l	89
42) 1,2-Dichloroethane	8.531	62	855174	49.265	ug/l	97
43) Isopropyl Acetate	8.563	43	1625870	52.471	ug/l #	94
44) Trichloroethene	9.217	130	483335	47.093	ug/l	91
45) 1,2-Dichloropropane	9.488	63	610872	52.902	ug/l	99
46) Dibromomethane	9.577	93	378171	49.936	ug/l	94
47) Bromodichloromethane	9.762	83	764345	53.307	ug/l	99
48) Methyl methacrylate	9.561	41	776717	53.713	ug/l	83
49) 1,4-Dioxane	9.569	88	258398	995.894	ug/l #	84
51) 4-Methyl-2-Pentanone	10.330	43	5698273	283.477	ug/l	96
52) Toluene	10.505	92	1320800	50.311	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	823966	47.895	ug/l	98
54) cis-1,3-Dichloropropene	10.188	75	873757	48.338	ug/l	92
55) 1,1,2-Trichloroethane	10.899	97	565525	53.389	ug/l	98
56) Ethyl methacrylate	10.760	69	990636	49.585	ug/l #	89
57) 1,3-Dichloropropane	11.044	76	987630	52.953	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.060	63	230	18.428	ug/l #	45
59) 2-Hexanone	11.084	43	4131141	271.677	ug/l	94
60) Dibromochloromethane	11.237	129	547556	48.329	ug/l	100
61) 1,2-Dibromoethane	11.344	107	565434	51.538	ug/l	99
64) Tetrachloroethene	10.977	164	396802	41.767	ug/l	94
65) Chlorobenzene	11.771	112	1421112	49.997	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.840	131	525965	52.574	ug/l	99
67) Ethyl Benzene	11.843	91	2647735	51.281	ug/l	96
68) m/p-Xylenes	11.953	106	1905762	101.374	ug/l	92
69) o-Xylene	12.280	106	971156	51.286	ug/l	91
70) Styrene	12.294	104	1596568	53.171	ug/l	96
71) Bromoform	12.457	173	414443	48.521	ug/l #	99
73) Isopropylbenzene	12.578	105	2595972	49.478	ug/l	98
74) N-amyl acetate	12.388	43	1189569	51.268	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.827	83	934011	51.480	ug/l	99
76) 1,2,3-Trichloropropane	12.878	75	851545m	50.354	ug/l	
77) Bromobenzene	12.860	156	590895	47.948	ug/l	75
78) n-propylbenzene	12.921	91	2926518	50.125	ug/l	96
79) 2-Chlorotoluene	13.007	91	1811769	49.111	ug/l	92
80) 1,3,5-Trimethylbenzene	13.058	105	2112491	50.024	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.626	75	252693	48.993	ug/l	95
82) 4-Chlorotoluene	13.104	91	1710990	49.317	ug/l	92
83) tert-Butylbenzene	13.324	119	1892958	50.623	ug/l	93
84) 1,2,4-Trimethylbenzene	13.366	105	2063565	51.310	ug/l	98
85) sec-Butylbenzene	13.501	105	2632065	51.894	ug/l	97
86) p-Isopropyltoluene	13.616	119	2062448	52.022	ug/l	97
87) 1,3-Dichlorobenzene	13.616	146	980290	48.419	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	945547	47.524	ug/l	97
89) n-Butylbenzene	13.943	91	1699296	52.838	ug/l	97
90) Hexachloroethane	14.211	117	360932	51.853	ug/l	89
91) 1,2-Dichlorobenzene	13.986	146	967765	49.059	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	174298	53.165	ug/l	79
93) 1,2,4-Trichlorobenzene	15.265	180	480388	49.672	ug/l	97
94) Hexachlorobutadiene	15.370	225	271100	51.856	ug/l	99
95) Naphthalene	15.507	128	1462118	50.676	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	486305	51.498	ug/l	94

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

