

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120721\
 Data File : VN069845.D
 Acq On : 8 Dec 2021 5:23
 Operator : JC/MD
 Sample : M4956-12MS
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW202D1-20211204MS

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/08/2021
 Supervised By : Amit Patel 12/14/2021

Quant Time: Dec 08 06:39:50 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

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	1047530	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1737076	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1630485	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	700577	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	780613	48.264	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.520%		
35) Dibromofluoromethane	8.021	113	537007	49.354	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.700%		
50) Toluene-d8	10.440	98	2121983	48.570	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.140%		
62) 4-Bromofluorobenzene	12.731	95	754861	47.692	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	95.380%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	600696	49.165	ug/l	98
3) Chloromethane	2.303	50	716533	46.812	ug/l	99
4) Vinyl Chloride	2.448	62	685983	48.739	ug/l	98
5) Bromomethane	2.850	94	388011	50.744	ug/l	99
6) Chloroethane	3.019	64	412736	47.855	ug/l	97
7) Trichlorofluoromethane	3.379	101	890627	48.215	ug/l	97
8) Diethyl Ether	3.824	74	347258	48.810	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.210	101	512845	49.528	ug/l	96
10) Methyl Iodide	4.422	142	684888	48.416	ug/l	96
11) Tert butyl alcohol	5.377	59	489928	160.251	ug/l	99
12) 1,1-Dichloroethene	4.181	96	485703	48.677	ug/l	91
13) Acrolein	4.041	56	743809	285.693	ug/l	98
14) Allyl chloride	4.840	41	1076020	47.857	ug/l	94
15) Acrylonitrile	5.554	53	1802229	218.765	ug/l	98
16) Acetone	4.285	43	1605373	165.004	ug/l	96
17) Carbon Disulfide	4.532	76	1247011	48.374	ug/l	100
18) Methyl Acetate	4.857	43	1414799	48.176	ug/l	91
19) Methyl tert-butyl Ether	5.618	73	1905298	49.109	ug/l	96
20) Methylene Chloride	5.095	84	609660	47.136	ug/l	86
21) trans-1,2-Dichloroethene	5.597	96	526860	48.613	ug/l	86
22) Diisopropyl ether	6.498	45	2237572	50.915	ug/l	94
23) Vinyl Acetate	6.434	43	7177419	200.747	ug/l #	94
24) 1,1-Dichloroethane	6.388	63	1138685	50.019	ug/l	98
25) 2-Butanone	7.335	43	2578277	195.038	ug/l	91
26) 2,2-Dichloropropane	7.327	77	724906	40.955	ug/l	97
27) cis-1,2-Dichloroethene	7.327	96	637310	48.672	ug/l	87
28) Bromochloromethane	7.657	49	560639	47.359	ug/l #	77
29) Tetrahydrofuran	7.686	42	1714797	213.626	ug/l	88
30) Chloroform	7.817	83	1138432	49.516	ug/l	99
31) Cyclohexane	8.096	56	1079793	47.973	ug/l	88
32) 1,1,1-Trichloroethane	8.016	97	971471	49.605	ug/l	95
36) 1,1-Dichloropropene	8.222	75	829070	50.136	ug/l	96
37) Ethyl Acetate	7.413	43	1066622	43.337	ug/l	94
38) Carbon Tetrachloride	8.206	117	814902	50.253	ug/l	98
39) Methylcyclohexane	9.459	83	997761	50.726	ug/l	89
40) Benzene	8.458	78	2520178	49.860	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	545701	47.231	ug/l #	89
42) 1,2-Dichloroethane	8.528	62	1005425	49.276	ug/l	96
43) Isopropyl Acetate	8.560	43	1679260	46.105	ug/l #	94
44) Trichloroethene	9.215	130	604974	50.146	ug/l	89
45) 1,2-Dichloropropane	9.488	63	689142	50.772	ug/l	100
46) Dibromomethane	9.577	93	438540	49.264	ug/l	93
47) Bromodichloromethane	9.762	83	871905	51.732	ug/l	99
48) Methyl methacrylate	9.558	41	817991	48.124	ug/l	85
49) 1,4-Dioxane	9.569	88	208752	684.465	ug/l #	85
51) 4-Methyl-2-Pentanone	10.331	43	5494241	232.530	ug/l	94
52) Toluene	10.505	92	1561038	50.586	ug/l	98
53) t-1,3-Dichloropropene	10.717	75	901967	44.796	ug/l	98
54) cis-1,3-Dichloropropene	10.188	75	978014	46.125	ug/l #	88
55) 1,1,2-Trichloroethane	10.896	97	614700	49.370	ug/l	96
56) Ethyl methacrylate	10.760	69	1023843	43.873	ug/l #	86
57) 1,3-Dichloropropane	11.044	76	1098866	50.123	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	964089	159.175	ug/l	91
59) 2-Hexanone	11.084	43	3749202	209.758	ug/l	93
60) Dibromochloromethane	11.237	129	625608	47.043	ug/l	99
61) 1,2-Dibromoethane	11.344	107	633337	49.110	ug/l	99
64) Tetrachloroethene	10.977	164	543447	49.155	ug/l	96
65) Chlorobenzene	11.768	112	1643201	49.677	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.840	131	598555	51.412	ug/l	99
67) Ethyl Benzene	11.843	91	3078531	51.236	ug/l	96
68) m/p-Xylenes	11.953	106	2228463	101.861	ug/l	91
69) o-Xylene	12.280	106	1126322	51.112	ug/l	92
70) Styrene	12.294	104	1808762	51.763	ug/l	95
71) Bromoform	12.457	173	445315	45.009	ug/l #	100
73) Isopropylbenzene	12.578	105	2949828	47.325	ug/l	99
74) N-amyl acetate	12.388	43	1061168	38.496	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.825	83	948803	44.019	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	849785m	42.297	ug/l	
77) Bromobenzene	12.860	156	672021	45.900	ug/l	80
78) n-propylbenzene	12.919	91	3343105	48.198	ug/l	96
79) 2-Chlorotoluene	13.007	91	2051190	46.801	ug/l	93
80) 1,3,5-Trimethylbenzene	13.058	105	2421331	48.263	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.626	75	232724	38.893	ug/l	92
82) 4-Chlorotoluene	13.104	91	1946227	47.219	ug/l	93
83) tert-Butylbenzene	13.321	119	2117987	47.677	ug/l	93
84) 1,2,4-Trimethylbenzene	13.366	105	2366293	49.525	ug/l	97
85) sec-Butylbenzene	13.501	105	2905909	48.225	ug/l	97
86) p-Isopropyltoluene	13.613	119	2315587	49.163	ug/l	96
87) 1,3-Dichlorobenzene	13.613	146	1133036	47.107	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	1093181	46.248	ug/l	98
89) n-Butylbenzene	13.940	91	1830486	47.909	ug/l	98
90) Hexachloroethane	14.209	117	400871	48.477	ug/l	87
91) 1,2-Dichlorobenzene	13.989	146	1103889	47.103	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	160278	41.151	ug/l	79
93) 1,2,4-Trichlorobenzene	15.263	180	463251	40.861	ug/l	99
94) Hexachlorobutadiene	15.370	225	282671	45.512	ug/l	98
95) Naphthalene	15.504	128	1158413	35.123	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	443872	40.129	ug/l	98

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

