

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111821\
 Data File : VN069565.D
 Acq On : 18 Nov 2021 20:24
 Operator : JC/MD
 Sample : M4740-09MS
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 GWBR3D-B-290-311-111721MS

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/19/2021
 Supervised By : Semsettin Yesilyurt 11/19/2021

Quant Time: Nov 19 03:21:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 09 18:18:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	1071500	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1783595	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	1693825	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	735887	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	792852	51.033	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 102.060%			
35) Dibromofluoromethane	8.021	113	568643	53.158	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 106.320%			
50) Toluene-d8	10.443	98	2188543	52.019	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 104.040%			
62) 4-Bromofluorobenzene	12.731	95	817726	52.908	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 105.820%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	493019	43.068	ug/l	100
3) Chloromethane	2.303	50	550864	41.494	ug/l	98
4) Vinyl Chloride	2.445	62	564531	42.469	ug/l	99
5) Bromomethane	2.832	94	410324	47.529	ug/l	99
6) Chloroethane	3.006	64	370201	41.260	ug/l	98
7) Trichlorofluoromethane	3.365	101	838533	40.816	ug/l	98
8) Diethyl Ether	3.821	74	310661	46.738	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.207	101	446073	46.094	ug/l	95
10) Methyl Iodide	4.417	142	564756	47.579	ug/l	98
11) Tert butyl alcohol	5.390	59	648180	231.530	ug/l #	86
12) 1,1-Dichloroethene	4.175	96	411980	47.439	ug/l	92
13) Acrolein	4.041	56	112624	285.014	ug/l	99
14) Allyl chloride	4.835	41	898758	46.809	ug/l	95
15) Acrylonitrile	5.556	53	1898497	264.813	ug/l	99
16) Acetone	4.288	43	2542554	303.319	ug/l	96
17) Carbon Disulfide	4.521	76	750908	36.579	ug/l	98
18) Methyl Acetate	4.856	43	1158837	42.528	ug/l	93
19) Methyl tert-butyl Ether	5.618	73	1845619	50.216	ug/l	96
20) Methylene Chloride	5.093	84	547170	46.033	ug/l #	86
21) trans-1,2-Dichloroethene	5.597	96	502803	51.836	ug/l	89
22) Diisopropyl ether	6.501	45	2064085	49.905	ug/l	93
23) Vinyl Acetate	6.436	43	6794893m	212.410	ug/l	
24) 1,1-Dichloroethane	6.388	63	1070378	50.809	ug/l	98
25) 2-Butanone	7.340	43	2827390	249.098	ug/l	95
26) 2,2-Dichloropropane	7.329	77	666662	40.446	ug/l	89
27) cis-1,2-Dichloroethene	7.327	96	1714798	142.609	ug/l	96
28) Bromochloromethane	7.659	49	529157	49.049	ug/l #	81
29) Tetrahydrofuran	7.689	42	1820817	261.404	ug/l	90
30) Chloroform	7.820	83	1082032	50.101	ug/l	99
31) Cyclohexane	8.094	56	890766	41.967	ug/l	91
32) 1,1,1-Trichloroethane	8.016	97	888406	49.281	ug/l	96
36) 1,1-Dichloropropene	8.222	75	718366	47.866	ug/l	96
37) Ethyl Acetate	7.415	43	923011	45.497	ug/l	97
38) Carbon Tetrachloride	8.206	117	710617	49.044	ug/l	98
39) Methylcyclohexane	9.461	83	835347	44.744	ug/l	92
40) Benzene	8.461	78	2276424	49.141	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.640	41	548286	52.304	ug/l	91
42) 1,2-Dichloroethane	8.531	62	957822	52.806	ug/l	97
43) Isopropyl Acetate	8.563	43	1571752	48.234	ug/l #	95
44) Trichloroethene	9.217	130	1989914	179.488	ug/l	92
45) 1,2-Dichloropropane	9.491	63	636412	51.421	ug/l	99
46) Dibromomethane	9.577	93	417071	50.311	ug/l	93
47) Bromodichloromethane	9.762	83	801687	51.824	ug/l	99
48) Methyl methacrylate	9.561	41	794163	51.801	ug/l	91
49) 1,4-Dioxane	9.571	88	287155	947.278	ug/l #	84
51) 4-Methyl-2-Pentanone	10.333	43	5880590	279.585	ug/l	96
52) Toluene	10.505	92	1582528	54.836	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	821164	43.534	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	882255	44.226	ug/l #	90
55) 1,1,2-Trichloroethane	10.899	97	619588	53.260	ug/l	99
56) Ethyl methacrylate	10.762	69	1040474	47.564	ug/l	88
57) 1,3-Dichloropropane	11.046	76	1062612	51.981	ug/l	100
59) 2-Hexanone	11.087	43	4230293	238.577	ug/l	94
60) Dibromochloromethane	11.240	129	591293	46.487	ug/l	99
61) 1,2-Dibromoethane	11.347	107	624587	48.142	ug/l	99
64) Tetrachloroethene	10.979	164	498178	48.710	ug/l	97
65) Chlorobenzene	11.771	112	1583654	50.230	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.843	131	579152	52.960	ug/l	100
67) Ethyl Benzene	11.846	91	2885869	49.630	ug/l	97
68) m/p-Xylenes	11.953	106	2105806	98.467	ug/l	94
69) o-Xylene	12.283	106	1070028	50.188	ug/l	93
70) Styrene	12.296	104	1733232	45.422	ug/l	96
71) Bromoform	12.460	173	423146	44.936	ug/l #	100
73) Isopropylbenzene	12.581	105	2840323	48.476	ug/l	99
74) N-amyl acetate	12.387	43	1100468	44.319	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.827	83	1012653	51.244	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	892572m	52.558	ug/l	
77) Bromobenzene	12.862	156	669125	49.934	ug/l	80
78) n-propylbenzene	12.921	91	3203162	48.585	ug/l	96
79) 2-Chlorotoluene	13.010	91	2003712	49.085	ug/l	94
80) 1,3,5-Trimethylbenzene	13.061	105	2288630	48.317	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.626	75	236858	42.498	ug/l	90
82) 4-Chlorotoluene	13.106	91	1887662	48.509	ug/l	94
83) tert-Butylbenzene	13.323	119	2088377	50.312	ug/l	93
84) 1,2,4-Trimethylbenzene	13.369	105	2242138	49.032	ug/l	98
85) sec-Butylbenzene	13.503	105	2870527	49.506	ug/l	97
86) p-Isopropyltoluene	13.616	119	2265834	49.225	ug/l	97
87) 1,3-Dichlorobenzene	13.616	146	1128989	48.596	ug/l	97
88) 1,4-Dichlorobenzene	13.696	146	1082131	47.480	ug/l	97
89) n-Butylbenzene	13.943	91	1783801	46.471	ug/l	97
90) Hexachloroethane	14.211	117	385592	45.766	ug/l	87
91) 1,2-Dichlorobenzene	13.989	146	1109003	50.166	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.605	75	176612	48.140	ug/l	81
93) 1,2,4-Trichlorobenzene	15.265	180	486546	42.502	ug/l	98
94) Hexachlorobutadiene	15.372	225	267740	46.611	ug/l	99
95) Naphthalene	15.507	128	1384217	43.052	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	483437	44.048	ug/l	99

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

