

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062521\
 Data File : VN067520.D
 Acq On : 25 Jun 2021 21:38
 Operator : JC/MD
 Sample : M2806-07MS 10X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-5RMS

Manual Integrations
 APPROVED

SAM
 6/29/2021 7:23:02 PM

Quant Time: Jun 29 02:04:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062421W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 24 12:18:45 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	192867	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	453522	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	418194	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	160364	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	235203	59.588	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 119.180%	
35) Dibromofluoromethane	8.021	113	143740	51.445	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 102.900%	
50) Toluene-d8	10.443	98	623608	52.330	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 104.660%	
62) 4-Bromofluorobenzene	12.734	95	225359	53.078	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 106.160%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.070	85	190441	58.786	ug/l	99
3) Chloromethane	2.298	50	226927	62.684	ug/l	99
4) Vinyl Chloride	2.440	62	210115	65.060	ug/l	97
5) Bromomethane	2.837	94	107169	60.092	ug/l	99
6) Chloroethane	3.009	64	138336	66.393	ug/l	97
7) Trichlorofluoromethane	3.368	101	302318	61.867	ug/l	98
8) Diethyl Ether	3.819	74	121081	60.385	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.202	101	151223	56.613	ug/l	92
10) Methyl Iodide	4.411	142	147208	50.051	ug/l	97
11) Tert butyl alcohol	5.388	59	174667	270.949	ug/l	99
12) 1,1-Dichloroethene	4.173	96	155647	58.924	ug/l	97
13) Acrolein	4.039	56	159020	290.155	ug/l	99
14) Allyl chloride	4.832	41	329313	56.837	ug/l	95
15) Acrylonitrile	5.557	53	535498	311.998	ug/l	100
16) Acetone	4.288	43	443543	293.594	ug/l	90
17) Carbon Disulfide	4.521	76	485206	56.358	ug/l	99
18) Methyl Acetate	4.857	43	244255	57.932	ug/l	100
19) Methyl tert-butyl Ether	5.621	73	635566	60.683	ug/l	94
20) Methylene Chloride	5.090	84	199278	56.056	ug/l	97
21) trans-1,2-Dichloroethene	5.597	96	162586	57.283	ug/l	92
22) Diisopropyl ether	6.501	45	716839	62.920	ug/l	96
23) Vinyl Acetate	6.436	43	3059676	316.538	ug/l	99
24) 1,1-Dichloroethane	6.385	63	387856	62.383	ug/l	98
25) 2-Butanone	7.340	43	731890	311.613	ug/l	100
26) 2,2-Dichloropropane	7.329	77	219423	41.462	ug/l	97
27) cis-1,2-Dichloroethene	7.327	96	194345	57.954	ug/l	98
28) Bromochloromethane	7.659	49	181798	61.351	ug/l #	82
29) Tetrahydrofuran	7.689	42	488102	328.195	ug/l	99
30) Chloroform	7.820	83	356822	60.246	ug/l	100
31) Cyclohexane	8.094	56	360159	57.007	ug/l	97
32) 1,1,1-Trichloroethane	8.016	97	292008	58.932	ug/l	96
36) 1,1-Dichloropropene	8.223	75	278483	54.506	ug/l	97
37) Ethyl Acetate	7.418	43	297285	55.089	ug/l	98
38) Carbon Tetrachloride	8.206	117	232665	53.469	ug/l	99
39) Methylcyclohexane	9.462	83	302912	51.442	ug/l	99
40) Benzene	8.461	78	826024	55.034	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	152327	55.815	ug/l	96
42) 1,2-Dichloroethane	8.531	62	304329	55.743	ug/l	99
43) Isopropyl Acetate	8.563	43	533392	57.306	ug/l	99
44) Trichloroethene	9.218	130	152037	51.286	ug/l	89
45) 1,2-Dichloropropane	9.491	63	232781	56.608	ug/l	98
46) Dibromomethane	9.580	93	135006	54.175	ug/l #	90
47) Bromodichloromethane	9.762	83	277231	54.319	ug/l	99
48) Methyl methacrylate	9.561	41	230555	57.214	ug/l	97
49) 1,4-Dioxane	9.572	88	63821	1110.045	ug/l	99
51) 4-Methyl-2-Pentanone	10.333	43	1602129	294.824	ug/l	100
52) Toluene	10.508	92	468966	53.505	ug/l	96
53) t-1,3-Dichloropropene	10.719	75	305830	47.737	ug/l	97
54) cis-1,3-Dichloropropene	10.191	75	332429	52.751	ug/l	93
55) 1,1,2-Trichloroethane	10.899	97	183859	54.725	ug/l	96
56) Ethyl methacrylate	10.765	69	342444	56.570	ug/l	98
57) 1,3-Dichloropropane	11.047	76	359795	56.613	ug/l	99
59) 2-Hexanone	11.087	43	1133347	296.140	ug/l	98
60) Dibromochloromethane	11.240	129	163486	47.653	ug/l	98
61) 1,2-Dibromoethane	11.350	107	177631	54.365	ug/l	100
64) Tetrachloroethene	10.980	164	120389	44.260	ug/l	93
65) Chlorobenzene	11.773	112	450293	51.809	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	149434	47.826	ug/l	97
67) Ethyl Benzene	11.846	91	952315	53.795	ug/l	98
68) m/p-Xylenes	11.953	106	703299	117.347	ug/l	100
69) o-Xylene	12.283	106	323820	54.535	ug/l	99
70) Styrene	12.296	104	520973	53.622	ug/l	99
71) Bromoform	12.460	173	94472	42.224	ug/l #	100
73) Isopropylbenzene	12.581	105	1080181	66.167	ug/l	98
74) N-amyl acetate	12.388	43	455670	57.823	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.830	83	288555	54.647	ug/l	99
76) 1,2,3-Trichloropropane	12.884	75	255107m	54.050	ug/l	
77) Bromobenzene	12.862	156	144142	47.898	ug/l	76
78) n-propylbenzene	12.921	91	1600874	79.524	ug/l	96
79) 2-Chlorotoluene	13.010	91	664677	54.993	ug/l	95
80) 1,3,5-Trimethylbenzene	13.061	105	962150	72.167	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.629	75	81401	47.192	ug/l	95
82) 4-Chlorotoluene	13.106	91	619901	52.238	ug/l	96
83) tert-Butylbenzene	13.326	119	587378	55.799	ug/l	99
84) 1,2,4-Trimethylbenzene	13.372	105	1845867	141.132	ug/l	98
85) sec-Butylbenzene	13.503	105	972170	61.693	ug/l	98
86) p-Isopropyltoluene	13.619	119	625723	53.383	ug/l	98
87) 1,3-Dichlorobenzene	13.616	146	270200	49.500	ug/l	97
88) 1,4-Dichlorobenzene	13.696	146	266630	48.840	ug/l	97
89) n-Butylbenzene	13.943	91	707269	60.230	ug/l	98
90) Hexachloroethane	14.214	117	131757	58.979	ug/l	76
91) 1,2-Dichlorobenzene	13.989	146	273217	51.246	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	56130	59.658	ug/l	90
93) 1,2,4-Trichlorobenzene	15.265	180	117992	44.065	ug/l	97
94) Hexachlorobutadiene	15.373	225	52266	43.292	ug/l	98
95) Naphthalene	15.507	128	417069	46.833	ug/l	98
96) 1,2,3-Trichlorobenzene	15.703	180	115267	45.157	ug/l	96

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

