

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062521\
 Data File : VN067521.D
 Acq On : 25 Jun 2021 22:03
 Operator : JC/MD
 Sample : M2806-08MSD 10X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-5RMSD

Manual Integrations
 APPROVED

SAM
 6/29/2021 7:23:07 PM

Quant Time: Jun 29 02:04:23 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	203391	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	475355	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	425747	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	161180	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	238731	57.352	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 114.700%			
35) Dibromofluoromethane	8.024	113	147385	50.327	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 100.660%			
50) Toluene-d8	10.443	98	625544	50.081	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 100.160%			
62) 4-Bromofluorobenzene	12.733	95	217361	48.843	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 97.680%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.070	85	202460	59.263	ug/l	98
3) Chloromethane	2.301	50	234745	61.489	ug/l	100
4) Vinyl Chloride	2.440	62	218675	64.207	ug/l	99
5) Bromomethane	2.842	94	115344	61.329	ug/l	100
6) Chloroethane	3.011	64	137901	62.760	ug/l	99
7) Trichlorofluoromethane	3.368	101	309481	60.056	ug/l	97
8) Diethyl Ether	3.821	74	125534	59.366	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.202	101	161331	57.271	ug/l	92
10) Methyl Iodide	4.414	142	158430	51.080	ug/l	97
11) Tert butyl alcohol	5.388	59	185355	272.651	ug/l	99
12) 1,1-Dichloroethene	4.173	96	163210	58.590	ug/l	95
13) Acrolein	4.039	56	164522	284.661	ug/l	99
14) Allyl chloride	4.835	41	348633	57.058	ug/l	96
15) Acrylonitrile	5.556	53	554556	306.384	ug/l	99
16) Acetone	4.291	43	460778	289.221	ug/l	95
17) Carbon Disulfide	4.524	76	514709	56.691	ug/l	100
18) Methyl Acetate	4.857	43	262201	58.971	ug/l	100
19) Methyl tert-butyl Ether	5.621	73	673612	60.987	ug/l	96
20) Methylene Chloride	5.093	84	206875	55.182	ug/l	97
21) trans-1,2-Dichloroethene	5.597	96	171850	57.414	ug/l	93
22) Diisopropyl ether	6.501	45	744356	61.955	ug/l	95
23) Vinyl Acetate	6.436	43	3176401	311.610	ug/l	99
24) 1,1-Dichloroethane	6.385	63	399116	60.873	ug/l	98
25) 2-Butanone	7.340	43	761776	307.555	ug/l	99
26) 2,2-Dichloropropane	7.324	77	227777	40.814	ug/l	96
27) cis-1,2-Dichloroethene	7.327	96	203823	57.635	ug/l	99
28) Bromochloromethane	7.659	49	183049	58.577	ug/l #	84
29) Tetrahydrofuran	7.689	42	511240	325.966	ug/l	98
30) Chloroform	7.820	83	371385	59.461	ug/l	99
31) Cyclohexane	8.094	56	374169	56.160	ug/l	94
32) 1,1,1-Trichloroethane	8.016	97	307493	58.846	ug/l	95
36) 1,1-Dichloropropene	8.222	75	287756	53.734	ug/l	97
37) Ethyl Acetate	7.418	43	309592	54.735	ug/l	98
38) Carbon Tetrachloride	8.206	117	244770	53.667	ug/l	99
39) Methylcyclohexane	9.461	83	314425	50.945	ug/l	98
40) Benzene	8.461	78	853150	54.230	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	165286	57.782	ug/l	98
42) 1,2-Dichloroethane	8.533	62	316685	55.342	ug/l	99
43) Isopropyl Acetate	8.566	43	557748	57.171	ug/l	99
44) Trichloroethene	9.217	130	160190	51.555	ug/l	92
45) 1,2-Dichloropropane	9.491	63	240358	55.766	ug/l	99
46) Dibromomethane	9.579	93	138484	53.018	ug/l #	90
47) Bromodichloromethane	9.765	83	293706	54.904	ug/l	100
48) Methyl methacrylate	9.563	41	238068	56.365	ug/l	96
49) 1,4-Dioxane	9.574	88	68190	1131.561	ug/l	98
51) 4-Methyl-2-Pentanone	10.333	43	1651186	289.896	ug/l	99
52) Toluene	10.507	92	492922	53.655	ug/l	100
53) t-1,3-Dichloropropene	10.722	75	324961	48.366	ug/l	98
54) cis-1,3-Dichloropropene	10.191	75	343777	52.046	ug/l	95
55) 1,1,2-Trichloroethane	10.902	97	190893	54.209	ug/l	97
56) Ethyl methacrylate	10.765	69	356570	56.199	ug/l	98
57) 1,3-Dichloropropane	11.047	76	365819	54.917	ug/l	100
59) 2-Hexanone	11.089	43	1172185	292.220	ug/l	97
60) Dibromochloromethane	11.240	129	171362	47.655	ug/l	96
61) 1,2-Dibromoethane	11.347	107	184880	53.984	ug/l	97
64) Tetrachloroethene	10.979	164	121653	43.932	ug/l	92
65) Chlorobenzene	11.773	112	462871	52.312	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.846	131	155477	48.861	ug/l	98
67) Ethyl Benzene	11.848	91	984937	54.651	ug/l	98
68) m/p-Xylenes	11.956	106	725364	118.882	ug/l	100
69) o-Xylene	12.283	106	329938	54.580	ug/l	98
70) Styrene	12.296	104	537564	54.348	ug/l	98
71) Bromoform	12.463	173	100090	43.834	ug/l #	99
73) Isopropylbenzene	12.581	105	1094374	66.697	ug/l	98
74) N-amyl acetate	12.390	43	472047	59.598	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.830	83	296502	55.868	ug/l	98
76) 1,2,3-Trichloropropane	12.884	75	262035m	55.237	ug/l	
77) Bromobenzene	12.862	156	152448	50.402	ug/l	78
78) n-propylbenzene	12.924	91	1608143	79.481	ug/l	96
79) 2-Chlorotoluene	13.010	91	692963	57.043	ug/l	95
80) 1,3,5-Trimethylbenzene	13.061	105	972465	72.571	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.629	75	86522	49.907	ug/l	92
82) 4-Chlorotoluene	13.106	91	645629	54.131	ug/l	95
83) tert-Butylbenzene	13.326	119	599330	56.646	ug/l	100
84) 1,2,4-Trimethylbenzene	13.372	105	1809106	137.621	ug/l	98
85) sec-Butylbenzene	13.503	105	989316	62.463	ug/l	98
86) p-Isopropyltoluene	13.618	119	637492	54.112	ug/l	99
87) 1,3-Dichlorobenzene	13.618	146	283634	51.698	ug/l	96
88) 1,4-Dichlorobenzene	13.696	146	280155	51.058	ug/l	98
89) n-Butylbenzene	13.946	91	725919	61.506	ug/l	97
90) Hexachloroethane	14.214	117	137775	61.360	ug/l	74
91) 1,2-Dichlorobenzene	13.991	146	287921	53.730	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.605	75	59637	63.065	ug/l	89
93) 1,2,4-Trichlorobenzene	15.265	180	128381	47.510	ug/l	98
94) Hexachlorobutadiene	15.373	225	54343	44.784	ug/l	98
95) Naphthalene	15.509	128	487515	53.922	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	127668	49.504	ug/l	98

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

