

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062421\
 Data File : VN067475.D
 Acq On : 24 Jun 2021 11:32
 Operator : JC/MD
 Sample : VSTDIC100
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Manual Integrations
 APPROVED

MMDadoda
 6/25/2021 6:22:29 PM

Quant Time: Jun 24 12:00:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062421W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 24 11:57:20 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	296529	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	640446	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	577443	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	227175	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	633741	107.715	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 215.420%#			
35) Dibromofluoromethane	8.024	113	409725	97.894	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 195.780%#			
50) Toluene-d8	10.443	98	1741743	105.848	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 211.700%#			
62) 4-Bromofluorobenzene	12.734	95	634146	96.411	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 192.820%#			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.070	85	533999	120.287	ug/l	100
3) Chloromethane	2.298	50	560909	118.854	ug/l	100
4) Vinyl Chloride	2.443	62	528950	117.636	ug/l	98
5) Bromomethane	2.821	94	272321	133.483	ug/l	96
6) Chloroethane	2.995	64	332619	118.679	ug/l	99
7) Trichlorofluoromethane	3.360	101	781562	122.483	ug/l	99
8) Diethyl Ether	3.819	74	320334	123.730	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.197	101	435035	115.625	ug/l	95
10) Methyl Iodide	4.411	142	501708	143.172	ug/l	95
11) Tert butyl alcohol	5.390	59	499328	516.168	ug/l	99
12) 1,1-Dichloroethene	4.170	96	425771	116.361	ug/l	100
13) Acrolein	4.036	56	439193	669.776	ug/l	100
14) Allyl chloride	4.833	41	919189	113.926	ug/l	96
15) Acrylonitrile	5.557	53	1425168	649.383	ug/l	99
16) Acetone	4.288	43	1150974	506.914	ug/l	92
17) Carbon Disulfide	4.519	76	1408175	118.479	ug/l	97
18) Methyl Acetate	4.857	43	640118	114.500	ug/l	97
19) Methyl tert-butyl Ether	5.621	73	1716131	118.210	ug/l	96
20) Methylene Chloride	5.087	84	531679	109.947	ug/l	99
21) trans-1,2-Dichloroethene	5.592	96	465467	115.637	ug/l	96
22) Diisopropyl ether	6.501	45	1878919	124.348	ug/l	96
23) Vinyl Acetate	6.436	43	8180841	597.848	ug/l	100
24) 1,1-Dichloroethane	6.385	63	1024199	121.456	ug/l	99
25) 2-Butanone	7.340	43	1918787	584.862	ug/l	100
26) 2,2-Dichloropropane	7.324	77	861318	103.560	ug/l	98
27) cis-1,2-Dichloroethene	7.324	96	545996	114.759	ug/l	99
28) Bromochloromethane	7.659	49	474609	120.042	ug/l	91
29) Tetrahydrofuran	7.689	42	1258385	606.377	ug/l	99
30) Chloroform	7.818	83	984164	112.764	ug/l	98
31) Cyclohexane	8.096	56	958339	115.822	ug/l	97
32) 1,1,1-Trichloroethane	8.016	97	837023	106.396	ug/l	97
36) 1,1-Dichloropropene	8.223	75	776181	107.535	ug/l	99
37) Ethyl Acetate	7.415	43	827770	108.362	ug/l	99
38) Carbon Tetrachloride	8.206	117	685876	91.734	ug/l	98
39) Methylcyclohexane	9.462	83	878200	114.456	ug/l	96
40) Benzene	8.461	78	2245000	110.796	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	411363	104.687	ug/l	97
42) 1,2-Dichloroethane	8.531	62	832196	99.771	ug/l	99
43) Isopropyl Acetate	8.563	43	1450581	106.558	ug/l	99
44) Trichloroethene	9.218	130	459360	99.765	ug/l	98
45) 1,2-Dichloropropane	9.491	63	615444	113.101	ug/l	99
46) Dibromomethane	9.580	93	377296	104.107	ug/l	94
47) Bromodichloromethane	9.765	83	796063	98.951	ug/l	97
48) Methyl methacrylate	9.564	41	627298	101.780	ug/l	97
49) 1,4-Dioxane	9.574	88	180797	2136.604	ug/l	99
51) 4-Methyl-2-Pentanone	10.336	43	4191815	533.459	ug/l	99
52) Toluene	10.508	92	1317943	104.151	ug/l	97
53) t-1,3-Dichloropropene	10.722	75	939093	105.023	ug/l	100
54) cis-1,3-Dichloropropene	10.191	75	997580	108.864	ug/l	94
55) 1,1,2-Trichloroethane	10.902	97	512411	104.527	ug/l	98
56) Ethyl methacrylate	10.765	69	966994	110.070	ug/l	95
57) 1,3-Dichloropropane	11.047	76	970857	108.023	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.044	63	1129386	455.778	ug/l	95
59) 2-Hexanone	11.090	43	3000178	523.311	ug/l	99
60) Dibromochloromethane	11.240	129	507771	97.780	ug/l	98
61) 1,2-Dibromoethane	11.347	107	516908	101.897	ug/l	99
64) Tetrachloroethene	10.980	164	384124	95.158	ug/l	98
65) Chlorobenzene	11.773	112	1285598	102.834	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.843	131	446897	97.435	ug/l	98
67) Ethyl Benzene	11.846	91	2588239	104.207	ug/l	98
68) m/p-Xylenes	11.956	106	1784786	203.887	ug/l	100
69) o-Xylene	12.283	106	875384	101.864	ug/l	99
70) Styrene	12.296	104	1466120	103.151	ug/l	98
71) Bromoform	12.460	173	327263	94.949	ug/l #	100
73) Isopropylbenzene	12.581	105	2345137	105.952	ug/l	99
74) N-amyl acetate	12.390	43	1218835	112.933	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.830	83	759414	113.775	ug/l	99
76) 1,2,3-Trichloropropane	12.884	75	727827m	119.409	ug/l	
77) Bromobenzene	12.862	156	437635	98.554	ug/l	88
78) n-propylbenzene	12.921	91	2962921	111.768	ug/l	97
79) 2-Chlorotoluene	13.010	91	1767968	107.993	ug/l	98
80) 1,3,5-Trimethylbenzene	13.061	105	1964092	105.885	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.626	75	269675	111.284	ug/l	93
82) 4-Chlorotoluene	13.106	91	1779645	109.554	ug/l	96
83) tert-Butylbenzene	13.324	119	1560929	106.264	ug/l	99
84) 1,2,4-Trimethylbenzene	13.369	105	1924756	105.167	ug/l	99
85) sec-Butylbenzene	13.503	105	2330742	110.645	ug/l	98
86) p-Isopropyltoluene	13.619	119	1764822	105.075	ug/l	99
87) 1,3-Dichlorobenzene	13.616	146	807103	101.333	ug/l	99
88) 1,4-Dichlorobenzene	13.696	146	825088	102.956	ug/l	99
89) n-Butylbenzene	13.943	91	1818308	114.048	ug/l	98
90) Hexachloroethane	14.211	117	359746	110.262	ug/l	90
91) 1,2-Dichlorobenzene	13.989	146	793829	104.279	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.606	75	152959	96.018	ug/l	98
93) 1,2,4-Trichlorobenzene	15.265	180	391633	100.819	ug/l	99
94) Hexachlorobutadiene	15.373	225	184838	84.120	ug/l	99
95) Naphthalene	15.507	128	1319938	111.056	ug/l	99
96) 1,2,3-Trichlorobenzene	15.703	180	376816	101.054	ug/l	99

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

