

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061821\
 Data File : VN067390.D
 Acq On : 18 Jun 2021 10:01
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/21/2021 3:47:13 PM

Quant Time: Jun 19 00:35:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 15 05:19:42 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	300519	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	602460	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	544939	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	220191	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	297975	50.262	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.520%			
35) Dibromofluoromethane	8.021	113	189569	47.312	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 94.620%			
50) Toluene-d8	10.443	98	764353	49.771	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 99.540%			
62) 4-Bromofluorobenzene	12.733	95	300561	47.423	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 94.840%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.070	85	257464	52.325	ug/l	99
3) Chloromethane	2.301	50	262150	57.461	ug/l	100
4) Vinyl Chloride	2.443	62	250554	56.018	ug/l	99
5) Bromomethane	2.832	94	128525	67.730	ug/l	99
6) Chloroethane	3.009	64	152840	55.626	ug/l	99
7) Trichlorofluoromethane	3.365	101	353523	56.944	ug/l	98
8) Diethyl Ether	3.818	74	149834	59.332	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.202	101	217420	58.225	ug/l	97
10) Methyl Iodide	4.414	142	219969	56.397	ug/l	96
11) Tert butyl alcohol	5.385	59	236854	242.693	ug/l	99
12) 1,1-Dichloroethene	4.173	96	205453	57.004	ug/l	96
13) Acrolein	4.036	56	172167	282.619	ug/l	99
14) Allyl chloride	4.835	41	441819	55.248	ug/l	98
15) Acrylonitrile	5.554	53	639856	298.710	ug/l	99
16) Acetone	4.285	43	645253	283.624	ug/l	97
17) Carbon Disulfide	4.521	76	654435	56.217	ug/l	99
18) Methyl Acetate	4.856	43	300597	54.491	ug/l	99
19) Methyl tert-butyl Ether	5.618	73	851529	58.858	ug/l	97
20) Methylene Chloride	5.095	84	252900	53.426	ug/l	97
21) trans-1,2-Dichloroethene	5.594	96	222607	55.733	ug/l	93
22) Diisopropyl ether	6.500	45	880367	59.639	ug/l	97
23) Vinyl Acetate	6.433	43	3879688	286.829	ug/l	99
24) 1,1-Dichloroethane	6.385	63	487223	58.837	ug/l	99
25) 2-Butanone	7.337	43	920307	283.094	ug/l	98
26) 2,2-Dichloropropane	7.327	77	445130	53.034	ug/l	98
27) cis-1,2-Dichloroethene	7.324	96	262245	55.799	ug/l	98
28) Bromochloromethane	7.659	49	209965	54.483	ug/l	94
29) Tetrahydrofuran	7.689	42	569602	277.906	ug/l	99
30) Chloroform	7.817	83	476084	54.760	ug/l	98
31) Cyclohexane	8.094	56	446698	55.427	ug/l	99
32) 1,1,1-Trichloroethane	8.013	97	421258	52.752	ug/l	99
36) 1,1-Dichloropropene	8.222	75	368394	54.544	ug/l	99
37) Ethyl Acetate	7.412	43	372390	52.041	ug/l	100
38) Carbon Tetrachloride	8.204	117	342735	47.211	ug/l	98
39) Methylcyclohexane	9.459	83	424932	59.445	ug/l	99
40) Benzene	8.461	78	1036656	54.991	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	198284	53.304	ug/l	99
42) 1,2-Dichloroethane	8.531	62	414054	51.980	ug/l	100
43) Isopropyl Acetate	8.563	43	669287	52.111	ug/l	99
44) Trichloroethene	9.215	130	224718	50.975	ug/l	99
45) 1,2-Dichloropropane	9.491	63	284987	56.681	ug/l	99
46) Dibromomethane	9.579	93	181325	53.008	ug/l	96
47) Bromodichloromethane	9.764	83	394046	51.354	ug/l	99
48) Methyl methacrylate	9.563	41	321710	54.934	ug/l	93
49) 1,4-Dioxane	9.574	88	83785	1045.323	ug/l	99
51) 4-Methyl-2-Pentanone	10.333	43	1931175	261.162	ug/l	99
52) Toluene	10.507	92	627097	52.901	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	450076	52.969	ug/l	100
54) cis-1,3-Dichloropropene	10.191	75	466850	54.363	ug/l	97
55) 1,1,2-Trichloroethane	10.899	97	241532	52.699	ug/l	98
56) Ethyl methacrylate	10.762	69	440007	53.400	ug/l	98
57) 1,3-Dichloropropane	11.046	76	451139	53.887	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.043	63	593678	247.576	ug/l	97
59) 2-Hexanone	11.087	43	1401999	258.792	ug/l	98
60) Dibromochloromethane	11.240	129	247507	49.390	ug/l	99
61) 1,2-Dibromoethane	11.347	107	240859	50.196	ug/l	100
64) Tetrachloroethene	10.979	164	199862	51.654	ug/l	97
65) Chlorobenzene	11.773	112	626647	52.846	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.843	131	223791	50.679	ug/l	100
67) Ethyl Benzene	11.846	91	1271731	54.232	ug/l	99
68) m/p-Xylenes	11.956	106	894809	107.343	ug/l	98
69) o-Xylene	12.283	106	438999	53.841	ug/l	99
70) Styrene	12.296	104	730964	53.935	ug/l	100
71) Bromoform	12.460	173	159606	47.302	ug/l #	100
73) Isopropylbenzene	12.581	105	1157996	54.808	ug/l	99
74) N-amyl acetate	12.390	43	573597	55.608	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.830	83	350551	55.652	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	298604m	52.222	ug/l	
77) Bromobenzene	12.862	156	223916	52.041	ug/l	94
78) n-propylbenzene	12.924	91	1443760	57.451	ug/l	98
79) 2-Chlorotoluene	13.010	91	861092	55.030	ug/l	99
80) 1,3,5-Trimethylbenzene	13.061	105	977475	54.919	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.629	75	124744	54.067	ug/l	98
82) 4-Chlorotoluene	13.106	91	871586	55.942	ug/l	97
83) tert-Butylbenzene	13.326	119	761811	53.754	ug/l	98
84) 1,2,4-Trimethylbenzene	13.372	105	964242	54.836	ug/l	100
85) sec-Butylbenzene	13.503	105	1158681	57.746	ug/l	99
86) p-Isopropyltoluene	13.618	119	907577	56.043	ug/l	99
87) 1,3-Dichlorobenzene	13.618	146	412862	53.195	ug/l	99
88) 1,4-Dichlorobenzene	13.696	146	415444	53.216	ug/l	99
89) n-Butylbenzene	13.946	91	903148	59.354	ug/l	99
90) Hexachloroethane	14.211	117	175893	55.541	ug/l	92
91) 1,2-Dichlorobenzene	13.991	146	402484	54.654	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.605	75	77025	48.914	ug/l	97
93) 1,2,4-Trichlorobenzene	15.265	180	205295	53.395	ug/l	99
94) Hexachlorobutadiene	15.375	225	105543	47.801	ug/l	98
95) Naphthalene	15.507	128	639347	47.919	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	191341	51.838	ug/l	99

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

