

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061521\
 Data File : VN067337.D
 Acq On : 15 Jun 2021 11:00
 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
 6/16/2021 5:03:00 PM

Quant Time: Jun 16 02:38:16 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	356888	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	665705	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	614880	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	265547	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	330196	46.900	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	93.800%		
35) Dibromofluoromethane	8.021	113	210952	47.646	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	95.300%		
50) Toluene-d8	10.443	98	821200	48.392	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	96.780%		
62) 4-Bromofluorobenzene	12.736	95	347746	49.655	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	99.320%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.070	85	291383	49.927	ug/l	99
3) Chloromethane	2.298	50	293002	54.080	ug/l	99
4) Vinyl Chloride	2.440	62	287962	54.213	ug/l	97
5) Bromomethane	2.824	94	133200	59.107	ug/l	99
6) Chloroethane	3.001	64	167439	51.314	ug/l	97
7) Trichlorofluoromethane	3.363	101	384147	52.104	ug/l	99
8) Diethyl Ether	3.816	74	153767	51.272	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.197	101	233926	52.751	ug/l	98
10) Methyl Iodide	4.409	142	227794	50.042	ug/l	99
11) Tert butyl alcohol	5.390	59	274534	236.872	ug/l	99
12) 1,1-Dichloroethene	4.170	96	223241	52.156	ug/l	99
13) Acrolein	4.036	56	169826	234.745	ug/l	99
14) Allyl chloride	4.835	41	480915	50.639	ug/l	99
15) Acrylonitrile	5.557	53	659698	259.330	ug/l	99
16) Acetone	4.288	43	640817	237.184	ug/l	100
17) Carbon Disulfide	4.521	76	698631	50.535	ug/l	100
18) Methyl Acetate	4.851	43	312457	47.695	ug/l	99
19) Methyl tert-butyl Ether	5.618	73	925509	53.867	ug/l	99
20) Methylene Chloride	5.087	84	267752	47.630	ug/l	93
21) trans-1,2-Dichloroethene	5.589	96	245622	51.782	ug/l	99
22) Diisopropyl ether	6.498	45	926190	52.833	ug/l	99
23) Vinyl Acetate	6.434	43	4128467	257.013	ug/l	100
24) 1,1-Dichloroethane	6.385	63	510314	51.892	ug/l	100
25) 2-Butanone	7.340	43	957315	247.967	ug/l	99
26) 2,2-Dichloropropane	7.324	77	499418	50.104	ug/l	99
27) cis-1,2-Dichloroethene	7.321	96	285843	51.213	ug/l	98
28) Bromochloromethane	7.659	49	225605	49.295	ug/l	100
29) Tetrahydrofuran	7.689	42	610413	250.778	ug/l	99
30) Chloroform	7.818	83	526789	51.022	ug/l	99
31) Cyclohexane	8.094	56	475882	49.722	ug/l	99
32) 1,1,1-Trichloroethane	8.013	97	489000	51.563	ug/l	100
36) 1,1-Dichloropropene	8.223	75	395822	53.037	ug/l	100
37) Ethyl Acetate	7.418	43	395972	50.079	ug/l	99
38) Carbon Tetrachloride	8.206	117	412825	51.463	ug/l	99
39) Methylcyclohexane	9.462	83	444680	56.298	ug/l	98
40) Benzene	8.461	78	1099040	52.761	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	212642	51.733	ug/l	97
42) 1,2-Dichloroethane	8.534	62	460204	52.285	ug/l	100
43) Isopropyl Acetate	8.563	43	711293	50.120	ug/l	99
44) Trichloroethene	9.218	130	256131	52.581	ug/l	100
45) 1,2-Dichloropropane	9.494	63	291992	52.557	ug/l	98
46) Dibromomethane	9.577	93	197961	52.373	ug/l	99
47) Bromodichloromethane	9.765	83	437224	51.568	ug/l	99
48) Methyl methacrylate	9.561	41	325136	50.245	ug/l	99
49) 1,4-Dioxane	9.574	88	98009	1106.615	ug/l	98
51) 4-Methyl-2-Pentanone	10.336	43	2063262	252.516	ug/l	100
52) Toluene	10.508	92	695574	53.103	ug/l	100
53) t-1,3-Dichloropropene	10.722	75	489402	52.125	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	498807	52.566	ug/l	99
55) 1,1,2-Trichloroethane	10.902	97	256199	50.588	ug/l	97
56) Ethyl methacrylate	10.765	69	467609	51.358	ug/l	99
57) 1,3-Dichloropropane	11.047	76	475522	51.403	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.044	63	619757	233.898	ug/l	99
59) 2-Hexanone	11.090	43	1481728	247.525	ug/l	99
60) Dibromochloromethane	11.242	129	292304	52.788	ug/l	100
61) 1,2-Dibromoethane	11.350	107	274971	51.861	ug/l	98
64) Tetrachloroethene	10.980	164	235631	53.971	ug/l	99
65) Chlorobenzene	11.773	112	706576	52.809	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.846	131	262984	52.780	ug/l	99
67) Ethyl Benzene	11.849	91	1404453	53.079	ug/l	99
68) m/p-Xylenes	11.956	106	1003387	106.677	ug/l	100
69) o-Xylene	12.283	106	494790	53.781	ug/l	99
70) Styrene	12.299	104	826445	54.044	ug/l	99
71) Bromoform	12.463	173	200955	52.782	ug/l #	99
73) Isopropylbenzene	12.583	105	1314659	51.595	ug/l	100
74) N-amyl acetate	12.390	43	619011	49.761	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.833	83	376298	49.536	ug/l	99
76) 1,2,3-Trichloropropane	12.884	75	310231m	44.988	ug/l	
77) Bromobenzene	12.865	156	269227	51.884	ug/l	97
78) n-propylbenzene	12.924	91	1604416	52.940	ug/l	99
79) 2-Chlorotoluene	13.013	91	970142	51.409	ug/l	100
80) 1,3,5-Trimethylbenzene	13.063	105	1129077	52.602	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.629	75	134723	48.419	ug/l	99
82) 4-Chlorotoluene	13.109	91	983221	52.329	ug/l	99
83) tert-Butylbenzene	13.326	119	893729	52.291	ug/l	99
84) 1,2,4-Trimethylbenzene	13.372	105	1115830	52.618	ug/l	100
85) sec-Butylbenzene	13.506	105	1316078	54.387	ug/l	99
86) p-Isopropyltoluene	13.619	119	1033017	52.894	ug/l	100
87) 1,3-Dichlorobenzene	13.621	146	498986	53.310	ug/l	99
88) 1,4-Dichlorobenzene	13.699	146	496745	52.762	ug/l	100
89) n-Butylbenzene	13.946	91	998579	54.416	ug/l	100
90) Hexachloroethane	14.214	117	206930	54.181	ug/l	99
91) 1,2-Dichlorobenzene	13.991	146	475425	53.532	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.606	75	87254	45.946	ug/l	98
93) 1,2,4-Trichlorobenzene	15.268	180	253545	54.681	ug/l	98
94) Hexachlorobutadiene	15.375	225	147483	55.387	ug/l	99
95) Naphthalene	15.509	128	723754	45.140	ug/l	100
96) 1,2,3-Trichlorobenzene	15.705	180	234045	52.577	ug/l	100

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

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