

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010621\
 Data File : VN065389.D
 Acq On : 6 Jan 2021 10:03
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 1/7/2021 4:31:33 PM

Quant Time: Jan 07 01:26:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122220W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 22 15:42:18 2020
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.627	168	325673	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	472174	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	438869	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	226906	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	159519	43.39	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	86.78%		
35) Dibromofluoromethane	7.550	113	142305	49.95	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	99.90%		
50) Toluene-d8	10.058	98	539270	50.51	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	101.02%		
62) 4-Bromofluorobenzene	12.373	95	201594	47.97	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	95.94%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.846	85	145781	48.38	ug/l	98
3) Chloromethane	2.052	50	178666	52.10	ug/l	100
4) Vinyl Chloride	2.181	62	197454	55.34	ug/l	97
5) Bromomethane	2.528	94	134784	53.15	ug/l	100
6) Chloroethane	2.679	64	125487	54.42	ug/l	99
7) Trichlorofluoromethane	2.997	101	261521	48.99	ug/l	98
8) Diethyl Ether	3.386	74	105348	50.13	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.721	101	156457	52.26	ug/l	98
10) Methyl Iodide	3.914	142	236975	52.39	ug/l	93
11) Tert butyl alcohol	4.769	59	125115	207.98	ug/l	100
12) 1,1-Dichloroethene	3.701	96	156197	48.83	ug/l	99
13) Acrolein	3.576	56	97446	239.61	ug/l	98
14) Allyl chloride	4.280	41	245187	46.50	ug/l	98
15) Acrylonitrile	4.942	53	364558	250.77	ug/l	100
16) Acetone	3.788	43	425862	277.20	ug/l	96
17) Carbon Disulfide	4.010	76	386419	47.21	ug/l	99
18) Methyl Acetate	4.290	43	169910	51.47	ug/l	98
19) Methyl tert-butyl Ether	5.007	73	495308	48.75	ug/l	99
20) Methylene Chloride	4.505	84	175341	48.88	ug/l	99
21) trans-1,2-Dichloroethene	4.991	96	165067	52.56	ug/l	100
22) Diisopropyl ether	5.914	45	529061	50.41	ug/l	99
23) Vinyl Acetate	5.852	43	2122488	239.93	ug/l	100
24) 1,1-Dichloroethane	5.801	63	304471	52.88	ug/l	99
25) 2-Butanone	6.798	43	511984	248.05	ug/l	97
26) 2,2-Dichloropropane	6.778	77	263828	47.96	ug/l	99
27) cis-1,2-Dichloroethene	6.782	96	198659	54.35	ug/l	96
28) Bromochloromethane	7.151	49	121192	46.32	ug/l	97
29) Tetrahydrofuran	7.174	42	306609	229.72	ug/l	99
30) Chloroform	7.331	83	311194	52.51	ug/l	100
31) Cyclohexane	7.611	56	255367	47.04	ug/l	96
32) 1,1,1-Trichloroethane	7.528	97	267932	49.89	ug/l	100
36) 1,1-Dichloropropene	7.753	75	230645	53.72	ug/l	98
37) Ethyl Acetate	6.891	43	201538	47.36	ug/l	99
38) Carbon Tetrachloride	7.733	117	234064	51.91	ug/l	99
39) Methylcyclohexane	9.045	83	278795	54.05	ug/l	99
40) Benzene	8.000	78	716554	56.10	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.132	41	101133	45.67	ug/l	87
42) 1,2-Dichloroethane	8.087	62	239908	50.83	ug/l	99
43) Isopropyl Acetate	8.129	43	346417	47.23	ug/l	99
44) Trichloroethene	8.801	130	207859	56.38	ug/l	95
45) 1,2-Dichloropropane	9.084	63	187502	56.47	ug/l	99
46) Dibromomethane	9.174	93	122457	54.30	ug/l	91
47) Bromodichloromethane	9.370	83	252700	53.15	ug/l	100
48) Methyl methacrylate	9.167	41	166740	46.83	ug/l	97
49) 1,4-Dioxane	9.171	88	58991	1022.33	ug/l	99
51) 4-Methyl-2-Pentanone	9.952	43	1020869	247.56	ug/l	99
52) Toluene	10.122	92	459277	57.05	ug/l	99
53) t-1,3-Dichloropropene	10.351	75	279222	52.11	ug/l	100
54) cis-1,3-Dichloropropene	9.807	75	307391	53.99	ug/l	99
55) 1,1,2-Trichloroethane	10.531	97	179992	56.51	ug/l	97
56) Ethyl methacrylate	10.399	69	262940	53.30	ug/l	100
57) 1,3-Dichloropropane	10.675	76	298846	56.86	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.663	63	531169	247.54	ug/l	100
59) 2-Hexanone	10.724	43	773012	254.99	ug/l	100
60) Dibromochloromethane	10.871	129	209244	55.11	ug/l	98
61) 1,2-Dibromoethane	10.978	107	190539	55.73	ug/l	100
64) Tetrachloroethene	10.601	164	236936	55.59	ug/l	95
65) Chlorobenzene	11.402	112	509909	57.08	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.479	131	195500	56.24	ug/l	100
67) Ethyl Benzene	11.482	91	900042	55.91	ug/l	99
68) m/p-Xylenes	11.592	106	693394	114.34	ug/l	100
69) o-Xylene	11.920	106	334474	56.82	ug/l	100
70) Styrene	11.936	104	575657	58.61	ug/l	99
71) Bromoform	12.100	173	161842	54.08	ug/l #	100
73) Isopropylbenzene	12.222	105	895403	51.81	ug/l	99
74) N-amyl acetate	12.042	43	314270	45.67	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.476	83	242061	51.95	ug/l	97
76) 1,2,3-Trichloropropane	12.524	75	229005m	49.47	ug/l	
77) Bromobenzene	12.498	156	243451	53.91	ug/l	90
78) n-propylbenzene	12.563	91	1019325	52.25	ug/l	98
79) 2-Chlorotoluene	12.646	91	600866	52.30	ug/l	97
80) 1,3,5-Trimethylbenzene	12.704	105	764708	51.89	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.273	75	86159	46.93	ug/l	94
82) 4-Chlorotoluene	12.746	91	620701	52.46	ug/l	97
83) tert-Butylbenzene	12.965	119	660299	52.59	ug/l	98
84) 1,2,4-Trimethylbenzene	13.013	105	769703	53.64	ug/l	100
85) sec-Butylbenzene	13.145	105	867630	52.09	ug/l	99
86) p-Isopropyltoluene	13.260	119	809173	52.99	ug/l	98
87) 1,3-Dichlorobenzene	13.254	146	424054	56.14	ug/l	97
88) 1,4-Dichlorobenzene	13.334	146	417312	55.04	ug/l	97
89) n-Butylbenzene	13.588	91	682805	52.31	ug/l	99
90) Hexachloroethane	13.846	117	136730	52.08	ug/l	81
91) 1,2-Dichlorobenzene	13.627	146	413716	57.03	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.241	75	45574	47.47	ug/l	90
93) 1,2,4-Trichlorobenzene	14.881	180	232685	51.69	ug/l	98
94) Hexachlorobutadiene	14.981	225	146428	51.14	ug/l	99
95) Naphthalene	15.103	128	562208	47.96	ug/l	100
96) 1,2,3-Trichlorobenzene	15.283	180	215178	51.54	ug/l	99

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

