

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050421\
 Data File : VN066953.D
 Acq On : 4 May 2021 22:43
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 5/5/2021 5:34:28 PM

Quant Time: May 05 05:29:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N050421W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 04 13:11:03 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.590	168	454809	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.518	114	748954	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.350	117	743341	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.289	152	361998	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.952	65	365338	51.03	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 102.06%			
35) Dibromofluoromethane	7.512	113	264729	52.05	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 104.10%			
50) Toluene-d8	10.030	98	1019606	52.64	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 105.28%			
62) 4-Bromofluorobenzene	12.347	95	383679	58.51	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 117.02%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.834	85	298982	48.67	ug/l	98
3) Chloromethane	2.033	50	426650	48.40	ug/l	99
4) Vinyl Chloride	2.161	62	411361	48.61	ug/l	99
5) Bromomethane	2.499	94	228716	50.81	ug/l	98
6) Chloroethane	2.649	64	243623	48.84	ug/l	100
7) Trichlorofluoromethane	2.966	101	510115	50.79	ug/l	97
8) Diethyl Ether	3.355	74	191495	53.08	ug/l	76
9) 1,1,2-Trichlorotrifluo...	3.690	101	253010	49.52	ug/l	93
10) Methyl Iodide	3.880	142	344879	51.22	ug/l #	89
11) Tert butyl alcohol	4.715	59	304783	301.54	ug/l	100
12) 1,1-Dichloroethene	3.671	96	250320	50.34	ug/l	87
13) Acrolein	3.545	56	205463	244.33	ug/l	96
14) Allyl chloride	4.242	41	500126	50.16	ug/l	93
15) Acrylonitrile	4.894	53	847656	282.58	ug/l	99
16) Acetone	3.754	43	689228	273.68	ug/l	97
17) Carbon Disulfide	3.980	76	776913	50.42	ug/l	98
18) Methyl Acetate	4.251	43	421410	58.49	ug/l	96
19) Methyl tert-butyl Ether	4.956	73	967421	54.27	ug/l	94
20) Methylene Chloride	4.468	84	332793	52.10	ug/l	92
21) trans-1,2-Dichloroethene	4.948	96	281504	52.05	ug/l	87
22) Diisopropyl ether	5.865	45	1066203	52.83	ug/l	94
23) Vinyl Acetate	5.806	43	4461516	276.16	ug/l	97
24) 1,1-Dichloroethane	5.755	63	604150	51.79	ug/l	97
25) 2-Butanone	6.747	43	1061664	285.92	ug/l	96
26) 2,2-Dichloropropane	6.734	77	398781	40.72	ug/l	97
27) cis-1,2-Dichloroethene	6.737	96	321310	51.84	ug/l	89
28) Bromochloromethane	7.112	49	269022	49.88	ug/l #	80
29) Tetrahydrofuran	7.131	42	711236	288.68	ug/l	96
30) Chloroform	7.292	83	580063	52.09	ug/l	96
31) Cyclohexane	7.576	56	484872	48.14	ug/l	93
32) 1,1,1-Trichloroethane	7.490	97	498198	51.87	ug/l	97
36) 1,1-Dichloropropene	7.716	75	411710	52.78	ug/l	95
37) Ethyl Acetate	6.847	43	449770	56.57	ug/l	99
38) Carbon Tetrachloride	7.697	117	432059	53.12	ug/l	99
39) Methylcyclohexane	9.016	83	443410	50.99	ug/l	92
40) Benzene	7.968	78	1305528	53.31	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.088	41	192869	56.46	ug/l #	100
42) 1,2-Dichloroethane	8.051	62	471893	54.02	ug/l	97
43) Isopropyl Acetate	8.096	43	732935	56.79	ug/l #	89
44) Trichloroethene	8.770	130	276933	51.33	ug/l	92
45) 1,2-Dichloropropane	9.054	63	367479	53.72	ug/l	99
46) Dibromomethane	9.145	93	219604	54.43	ug/l	92
47) Bromodichloromethane	9.338	83	476453	54.62	ug/l	100
48) Methyl methacrylate	9.137	41	341403	59.69	ug/l	93
49) 1,4-Dioxane	9.137	88	114072	1258.31	ug/l	87
51) 4-Methyl-2-Pentanone	9.923	43	2285685	306.34	ug/l	98
52) Toluene	10.095	92	777137	54.00	ug/l	98
53) t-1,3-Dichloropropene	10.323	75	500519	53.80	ug/l	96
54) cis-1,3-Dichloropropene	9.778	75	539313	52.52	ug/l	98
55) 1,1,2-Trichloroethane	10.502	97	310329	54.35	ug/l	95
56) Ethyl methacrylate	10.373	69	467831	51.83	ug/l	97
57) 1,3-Dichloropropane	10.647	76	549653	54.31	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.633	63	518399	379.09	ug/l	92
59) 2-Hexanone	10.695	43	1582491	285.73	ug/l	98
60) Dibromochloromethane	10.843	129	353900	55.35	ug/l	99
61) 1,2-Dibromoethane	10.947	107	313733	56.39	ug/l	100
64) Tetrachloroethene	10.572	164	238703	46.98	ug/l	96
65) Chlorobenzene	11.377	112	804767	50.58	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.452	131	317997	51.53	ug/l	99
67) Ethyl Benzene	11.454	91	1491120	53.21	ug/l	97
68) m/p-Xylenes	11.567	106	1115180	106.95	ug/l	95
69) o-Xylene	11.891	106	543111	53.81	ug/l	95
70) Styrene	11.910	104	892066	49.58	ug/l	95
71) Bromoform	12.074	173	244392	54.81	ug/l #	98
73) Isopropylbenzene	12.195	105	1443874	51.42	ug/l	98
74) N-amyl acetate	12.026	43	304835	60.16	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.449	83	530343	53.88	ug/l	97
76) 1,2,3-Trichloropropane	12.500	75	494502m	57.34	ug/l	
77) Bromobenzene	12.471	156	340306	51.37	ug/l	78
78) n-propylbenzene	12.538	91	1704432	53.47	ug/l	97
79) 2-Chlorotoluene	12.621	91	1069074	51.21	ug/l	93
80) 1,3,5-Trimethylbenzene	12.680	105	1282576	52.35	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.248	75	139616	50.67	ug/l	97
82) 4-Chlorotoluene	12.718	91	1078720	53.68	ug/l	92
83) tert-Butylbenzene	12.937	119	1075275	52.30	ug/l	96
84) 1,2,4-Trimethylbenzene	12.986	105	1248544	53.38	ug/l	99
85) sec-Butylbenzene	13.117	105	1420178	53.19	ug/l	97
86) p-Isopropyltoluene	13.235	119	1225881	53.43	ug/l	96
87) 1,3-Dichlorobenzene	13.230	146	597748	52.01	ug/l	97
88) 1,4-Dichlorobenzene	13.310	146	595928	51.56	ug/l	97
89) n-Butylbenzene	13.562	91	961301	47.08	ug/l	98
90) Hexachloroethane	13.817	117	261348	50.61	ug/l	100
91) 1,2-Dichlorobenzene	13.600	146	613047	53.34	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.219	75	95167	54.56	ug/l	78
93) 1,2,4-Trichlorobenzene	14.855	180	318565	52.38	ug/l	100
94) Hexachlorobutadiene	14.949	225	184126	49.47	ug/l	99
95) Naphthalene	15.072	128	902045	56.73	ug/l	99
96) 1,2,3-Trichlorobenzene	15.252	180	311248	52.80	ug/l	97

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

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