

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050521\
 Data File : VN066998.D
 Acq On : 5 May 2021 19:27
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 5/6/2021 5:40:22 PM

Quant Time: May 06 04:53:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N050421W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 05 07:24:52 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.589	168	423613	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.517	114	745028	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.350	117	692847	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.289	152	335515	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.952	65	344726	51.70	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 103.40%			
35) Dibromofluoromethane	7.512	113	248190	49.06	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 98.12%			
50) Toluene-d8	10.030	98	953989	49.52	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 99.04%			
62) 4-Bromofluorobenzene	12.345	95	360900	55.32	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 110.64%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.834	85	276184	48.27	ug/l	100
3) Chloromethane	2.032	50	399128	48.62	ug/l	100
4) Vinyl Chloride	2.161	62	399790	50.73	ug/l	100
5) Bromomethane	2.499	94	214199	51.09	ug/l	96
6) Chloroethane	2.649	64	233765	50.31	ug/l	100
7) Trichlorofluoromethane	2.966	101	481610	51.48	ug/l	98
8) Diethyl Ether	3.355	74	182779	54.39	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.690	101	230549	48.45	ug/l	95
10) Methyl Iodide	3.880	142	337360	53.79	ug/l	# 90
11) Tert butyl alcohol	4.712	59	296596	315.05	ug/l	99
12) 1,1-Dichloroethene	3.668	96	233709	50.46	ug/l	84
13) Acrolein	3.542	56	191115	244.00	ug/l	97
14) Allyl chloride	4.245	41	478211	51.49	ug/l	94
15) Acrylonitrile	4.894	53	795767	284.81	ug/l	98
16) Acetone	3.754	43	626335	267.02	ug/l	100
17) Carbon Disulfide	3.980	76	688250	47.95	ug/l	98
18) Methyl Acetate	4.250	43	397136	59.18	ug/l	97
19) Methyl tert-butyl Ether	4.956	73	931514	56.11	ug/l	98
20) Methylene Chloride	4.468	84	307222	51.64	ug/l	92
21) trans-1,2-Dichloroethene	4.950	96	259227	51.46	ug/l	86
22) Diisopropyl ether	5.865	45	991081	52.72	ug/l	94
23) Vinyl Acetate	5.806	43	4183074	277.99	ug/l	97
24) 1,1-Dichloroethane	5.758	63	560035	51.54	ug/l	97
25) 2-Butanone	6.747	43	992542	286.99	ug/l	95
26) 2,2-Dichloropropane	6.734	77	436998	47.90	ug/l	95
27) cis-1,2-Dichloroethene	6.739	96	310418	53.77	ug/l	89
28) Bromochloromethane	7.112	49	251909	50.14	ug/l	# 81
29) Tetrahydrofuran	7.128	42	667133	290.72	ug/l	96
30) Chloroform	7.292	83	536194	51.70	ug/l	100
31) Cyclohexane	7.576	56	453154	48.31	ug/l	94
32) 1,1,1-Trichloroethane	7.490	97	462651	51.72	ug/l	97
36) 1,1-Dichloropropene	7.716	75	381248	49.13	ug/l	97
37) Ethyl Acetate	6.844	43	420773	53.21	ug/l	99
38) Carbon Tetrachloride	7.697	117	402727	49.78	ug/l	98
39) Methylcyclohexane	9.016	83	429175	49.62	ug/l	92
40) Benzene	7.968	78	1212145	49.76	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.085	41	183964	54.14	ug/l #	100
42) 1,2-Dichloroethane	8.051	62	441924	50.85	ug/l	97
43) Isopropyl Acetate	8.094	43	687809	53.57	ug/l #	89
44) Trichloroethene	8.770	130	256700	47.83	ug/l	90
45) 1,2-Dichloropropane	9.051	63	339846	49.94	ug/l	99
46) Dibromomethane	9.142	93	202350	50.41	ug/l	91
47) Bromodichloromethane	9.338	83	439564	50.66	ug/l	99
48) Methyl methacrylate	9.137	41	321732	56.55	ug/l	94
49) 1,4-Dioxane	9.134	88	104711	1161.13	ug/l	88
51) 4-Methyl-2-Pentanone	9.923	43	2115732	285.05	ug/l	99
52) Toluene	10.094	92	721562	50.40	ug/l	98
53) t-1,3-Dichloropropene	10.322	75	481462	52.03	ug/l	96
54) cis-1,3-Dichloropropene	9.778	75	524826	51.38	ug/l	98
55) 1,1,2-Trichloroethane	10.502	97	292007	51.41	ug/l	97
56) Ethyl methacrylate	10.371	69	445325	49.82	ug/l	97
57) 1,3-Dichloropropane	10.647	76	515651	51.22	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.633	63	526874	387.32	ug/l	93
59) 2-Hexanone	10.693	43	1451218	265.62	ug/l	98
60) Dibromochloromethane	10.843	129	327972	51.56	ug/l	100
61) 1,2-Dibromoethane	10.945	107	288183	52.07	ug/l	100
64) Tetrachloroethene	10.572	164	215967	45.61	ug/l	95
65) Chlorobenzene	11.374	112	736199	49.64	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.452	131	288331	50.13	ug/l	99
67) Ethyl Benzene	11.454	91	1373113	52.57	ug/l	97
68) m/p-Xylenes	11.564	106	1014128	104.35	ug/l	92
69) o-Xylene	11.891	106	503422	53.52	ug/l	95
70) Styrene	11.910	104	820156	48.97	ug/l	95
71) Bromoform	12.074	173	225073	54.16	ug/l #	97
73) Isopropylbenzene	12.194	105	1347101	51.76	ug/l	98
74) N-amyl acetate	12.023	43	343725	73.19	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.449	83	483790	53.03	ug/l	99
76) 1,2,3-Trichloropropane	12.497	75	465241m	58.21	ug/l	
77) Bromobenzene	12.468	156	311262	50.69	ug/l	81
78) n-propylbenzene	12.535	91	1543985	52.26	ug/l	98
79) 2-Chlorotoluene	12.618	91	958780	49.55	ug/l	94
80) 1,3,5-Trimethylbenzene	12.677	105	1172355	51.62	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.248	75	141997	55.06	ug/l	98
82) 4-Chlorotoluene	12.720	91	955851	51.32	ug/l	95
83) tert-Butylbenzene	12.937	119	976404	51.24	ug/l	97
84) 1,2,4-Trimethylbenzene	12.986	105	1140930	52.63	ug/l	100
85) sec-Butylbenzene	13.117	105	1299835	52.53	ug/l	98
86) p-Isopropyltoluene	13.235	119	1141921	53.70	ug/l	97
87) 1,3-Dichlorobenzene	13.227	146	547156	51.37	ug/l	96
88) 1,4-Dichlorobenzene	13.307	146	535694	50.01	ug/l	95
89) n-Butylbenzene	13.562	91	895529	47.29	ug/l	98
90) Hexachloroethane	13.817	117	233535	48.79	ug/l	100
91) 1,2-Dichlorobenzene	13.600	146	551308	51.75	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.219	75	91103	56.36	ug/l	78
93) 1,2,4-Trichlorobenzene	14.852	180	294349	52.22	ug/l	100
94) Hexachlorobutadiene	14.949	225	168299	48.78	ug/l	100
95) Naphthalene	15.072	128	843329	57.23	ug/l	100
96) 1,2,3-Trichlorobenzene	15.252	180	291191	53.30	ug/l	99

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

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