

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050421\
 Data File : VN066951.D
 Acq On : 4 May 2021 21:31
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 5/5/2021 5:33:17 PM

Quant Time: May 05 05:29:19 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	7.587	168	453535	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.518	114	757116	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.350	117	755536	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.289	152	374894	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.952	65	363686	50.95	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.90%			
35) Dibromofluoromethane	7.512	113	261672	50.90	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 101.80%			
50) Toluene-d8	10.030	98	1013984	51.79	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 103.58%			
62) 4-Bromofluorobenzene	12.347	95	389664	58.78	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 117.56%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.834	85	299135	48.83	ug/l	100
3) Chloromethane	2.033	50	430022	48.92	ug/l	100
4) Vinyl Chloride	2.161	62	412628	48.90	ug/l	99
5) Bromomethane	2.502	94	224431	50.00	ug/l	99
6) Chloroethane	2.649	64	240957	48.44	ug/l	99
7) Trichlorofluoromethane	2.966	101	502394	50.16	ug/l	99
8) Diethyl Ether	3.355	74	191834	53.32	ug/l	76
9) 1,1,2-Trichlorotrifluo...	3.690	101	251708	49.41	ug/l	94
10) Methyl Iodide	3.880	142	350220	52.16	ug/l #	89
11) Tert butyl alcohol	4.714	59	315057	312.58	ug/l	100
12) 1,1-Dichloroethene	3.669	96	246815	49.77	ug/l	88
13) Acrolein	3.542	56	218594	260.67	ug/l	96
14) Allyl chloride	4.245	41	508099	51.10	ug/l	91
15) Acrylonitrile	4.894	53	876185	292.91	ug/l	98
16) Acetone	3.754	43	707273	281.64	ug/l	98
17) Carbon Disulfide	3.980	76	774176	50.38	ug/l	98
18) Methyl Acetate	4.250	43	435881	60.67	ug/l	96
19) Methyl tert-butyl Ether	4.959	73	967880	54.45	ug/l	98
20) Methylene Chloride	4.465	84	327515	51.42	ug/l	93
21) trans-1,2-Dichloroethene	4.950	96	276093	51.20	ug/l	86
22) Diisopropyl ether	5.868	45	1050753	52.21	ug/l	96
23) Vinyl Acetate	5.806	43	4440385	275.62	ug/l	97
24) 1,1-Dichloroethane	5.758	63	594101	51.07	ug/l	97
25) 2-Butanone	6.750	43	1082384	292.32	ug/l	95
26) 2,2-Dichloropropane	6.734	77	383146	39.23	ug/l	96
27) cis-1,2-Dichloroethene	6.739	96	319399	51.68	ug/l	89
28) Bromochloromethane	7.112	49	269356	50.08	ug/l #	80
29) Tetrahydrofuran	7.131	42	735107	299.21	ug/l	95
30) Chloroform	7.292	83	576799	51.94	ug/l	98
31) Cyclohexane	7.576	56	484026	48.19	ug/l	94
32) 1,1,1-Trichloroethane	7.490	97	493728	51.55	ug/l	97
36) 1,1-Dichloropropene	7.716	75	405333	51.40	ug/l	96
37) Ethyl Acetate	6.844	43	464651	57.82	ug/l	97
38) Carbon Tetrachloride	7.697	117	430493	52.36	ug/l	99
39) Methylcyclohexane	9.016	83	438289	49.86	ug/l	93
40) Benzene	7.965	78	1285572	51.93	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.091	41	202990	58.78	ug/l #	100
42) 1,2-Dichloroethane	8.051	62	466760	52.85	ug/l	97
43) Isopropyl Acetate	8.096	43	740782	56.78	ug/l #	89
44) Trichloroethene	8.770	130	278182	51.01	ug/l	93
45) 1,2-Dichloropropane	9.054	63	357942	51.76	ug/l	99
46) Dibromomethane	9.142	93	216755	53.14	ug/l	92
47) Bromodichloromethane	9.338	83	471787	53.50	ug/l	99
48) Methyl methacrylate	9.137	41	345555	59.77	ug/l	94
49) 1,4-Dioxane	9.137	88	123244	1344.82	ug/l	89
51) 4-Methyl-2-Pentanone	9.923	43	2338599	310.05	ug/l	98
52) Toluene	10.095	92	772597	53.10	ug/l	98
53) t-1,3-Dichloropropene	10.322	75	489291	52.03	ug/l	100
54) cis-1,3-Dichloropropene	9.778	75	532741	51.32	ug/l	98
55) 1,1,2-Trichloroethane	10.502	97	315094	54.59	ug/l	96
56) Ethyl methacrylate	10.371	69	476396	52.17	ug/l	97
57) 1,3-Dichloropropane	10.647	76	548323	53.60	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.633	63	564659	408.47	ug/l	93
59) 2-Hexanone	10.695	43	1670219	297.06	ug/l	97
60) Dibromochloromethane	10.843	129	351665	54.40	ug/l	99
61) 1,2-Dibromoethane	10.945	107	315944	56.18	ug/l	99
64) Tetrachloroethene	10.572	164	233607	45.24	ug/l	96
65) Chlorobenzene	11.377	112	809694	50.07	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.452	131	314875	50.20	ug/l	98
67) Ethyl Benzene	11.454	91	1489874	52.31	ug/l	96
68) m/p-Xylenes	11.564	106	1113933	105.11	ug/l	92
69) o-Xylene	11.891	106	547333	53.36	ug/l	94
70) Styrene	11.910	104	897357	49.12	ug/l	96
71) Bromoform	12.071	173	251466	55.49	ug/l #	98
73) Isopropylbenzene	12.195	105	1468815	50.51	ug/l	98
74) N-amyl acetate	12.023	43	391478	74.60	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.449	83	545527	53.52	ug/l	99
76) 1,2,3-Trichloropropane	12.498	75	505302m	56.58	ug/l	
77) Bromobenzene	12.471	156	349231	50.90	ug/l	80
78) n-propylbenzene	12.535	91	1724702	52.24	ug/l	97
79) 2-Chlorotoluene	12.618	91	1071291	49.55	ug/l	94
80) 1,3,5-Trimethylbenzene	12.680	105	1295605	51.06	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.248	75	138961	48.91	ug/l	98
82) 4-Chlorotoluene	12.720	91	1089860	52.37	ug/l	93
83) tert-Butylbenzene	12.937	119	1088278	51.11	ug/l	95
84) 1,2,4-Trimethylbenzene	12.986	105	1257559	51.91	ug/l	100
85) sec-Butylbenzene	13.117	105	1428357	51.66	ug/l	98
86) p-Isopropyltoluene	13.235	119	1255820	52.85	ug/l	97
87) 1,3-Dichlorobenzene	13.227	146	612524	51.47	ug/l	97
88) 1,4-Dichlorobenzene	13.310	146	621244	51.91	ug/l	97
89) n-Butylbenzene	13.562	91	977247	46.31	ug/l	97
90) Hexachloroethane	13.817	117	267567	50.03	ug/l	99
91) 1,2-Dichlorobenzene	13.597	146	614949	51.66	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.219	75	103119	57.09	ug/l	77
93) 1,2,4-Trichlorobenzene	14.852	180	315203	50.05	ug/l	99
94) Hexachlorobutadiene	14.949	225	183171	47.52	ug/l	98
95) Naphthalene	15.072	128	919474	55.84	ug/l	99
96) 1,2,3-Trichlorobenzene	15.252	180	317633	52.03	ug/l	100

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

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