

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050621\
 Data File : VN067017.D
 Acq On : 6 May 2021 18:00
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 5/7/2021 6:25:24 PM

Quant Time: May 07 04:09:48 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	409797	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.517	114	691313	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.350	117	664776	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.289	152	330032	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.951	65	337852	52.38	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 104.76%			
35) Dibromofluoromethane	7.512	113	240258	51.18	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 102.36%			
50) Toluene-d8	10.030	98	924003	51.69	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 103.38%			
62) 4-Bromofluorobenzene	12.347	95	350748	57.94	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 115.88%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.834	85	264483	47.78	ug/l	98
3) Chloromethane	2.032	50	370444	46.64	ug/l	100
4) Vinyl Chloride	2.161	62	367268	48.17	ug/l	100
5) Bromomethane	2.499	94	197957	48.81	ug/l	95
6) Chloroethane	2.649	64	218908	48.70	ug/l	98
7) Trichlorofluoromethane	2.966	101	469256	51.85	ug/l	97
8) Diethyl Ether	3.355	74	158672	48.81	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.690	101	223964	48.65	ug/l	94
10) Methyl Iodide	3.883	142	307846	50.74	ug/l #	89
11) Tert butyl alcohol	4.709	59	229846	252.38	ug/l #	83
12) 1,1-Dichloroethene	3.668	96	217307	48.50	ug/l	84
13) Acrolein	3.542	56	152659	201.47	ug/l	95
14) Allyl chloride	4.245	41	430950	47.96	ug/l	95
15) Acrylonitrile	4.894	53	712265	263.52	ug/l	99
16) Acetone	3.754	43	558468	246.12	ug/l	97
17) Carbon Disulfide	3.979	76	639531	46.06	ug/l	97
18) Methyl Acetate	4.250	43	356288	54.89	ug/l	97
19) Methyl tert-butyl Ether	4.956	73	851981	53.05	ug/l	98
20) Methylene Chloride	4.468	84	287175	49.89	ug/l	92
21) trans-1,2-Dichloroethene	4.950	96	240815	49.42	ug/l	86
22) Diisopropyl ether	5.862	45	912406	50.17	ug/l	93
23) Vinyl Acetate	5.806	43	3773882	259.25	ug/l	97
24) 1,1-Dichloroethane	5.758	63	517568	49.24	ug/l	97
25) 2-Butanone	6.747	43	865177	258.60	ug/l	94
26) 2,2-Dichloropropane	6.734	77	398559	45.16	ug/l	96
27) cis-1,2-Dichloroethene	6.739	96	282409	50.57	ug/l	88
28) Bromochloromethane	7.109	49	240953	49.58	ug/l #	81
29) Tetrahydrofuran	7.131	42	586925	264.39	ug/l	96
30) Chloroform	7.292	83	507816	50.61	ug/l	98
31) Cyclohexane	7.576	56	422955	46.61	ug/l	92
32) 1,1,1-Trichloroethane	7.490	97	442594	51.14	ug/l	98
36) 1,1-Dichloropropene	7.718	75	357693	49.68	ug/l	96
37) Ethyl Acetate	6.844	43	373613	50.91	ug/l	98
38) Carbon Tetrachloride	7.697	117	382301	50.92	ug/l	98
39) Methylcyclohexane	9.016	83	398905	49.70	ug/l	93
40) Benzene	7.968	78	1133417	50.14	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.088	41	160271	50.83	ug/l #	100
42) 1,2-Dichloroethane	8.051	62	418259	51.87	ug/l	96
43) Isopropyl Acetate	8.094	43	619692	52.02	ug/l #	90
44) Trichloroethene	8.769	130	246765	49.56	ug/l	95
45) 1,2-Dichloropropane	9.051	63	315612	49.98	ug/l	100
46) Dibromomethane	9.145	93	191210	51.34	ug/l	92
47) Bromodichloromethane	9.338	83	421273	52.32	ug/l	99
48) Methyl methacrylate	9.137	41	283297	53.66	ug/l	95
49) 1,4-Dioxane	9.140	88	85965	1027.33	ug/l	88
51) 4-Methyl-2-Pentanone	9.923	43	1884334	273.60	ug/l	98
52) Toluene	10.094	92	681793	51.32	ug/l	97
53) t-1,3-Dichloropropene	10.322	75	438535	51.07	ug/l	97
54) cis-1,3-Dichloropropene	9.778	75	476908	50.31	ug/l	97
55) 1,1,2-Trichloroethane	10.502	97	272112	51.63	ug/l	95
56) Ethyl methacrylate	10.373	69	398455	48.23	ug/l	97
57) 1,3-Dichloropropane	10.647	76	480867	51.48	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.633	63	390322	309.23	ug/l	92
59) 2-Hexanone	10.695	43	1240769	246.98	ug/l	99
60) Dibromochloromethane	10.843	129	306962	52.01	ug/l	99
61) 1,2-Dibromoethane	10.947	107	268244	52.24	ug/l	100
64) Tetrachloroethene	10.572	164	208814	45.96	ug/l	97
65) Chlorobenzene	11.376	112	704680	49.53	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.451	131	278795	50.52	ug/l	98
67) Ethyl Benzene	11.454	91	1297869	51.79	ug/l	97
68) m/p-Xylenes	11.564	106	977225	104.80	ug/l	93
69) o-Xylene	11.891	106	477148	52.87	ug/l	95
70) Styrene	11.910	104	777072	48.42	ug/l	96
71) Bromoform	12.074	173	211156	52.95	ug/l #	99
73) Isopropylbenzene	12.194	105	1276599	49.86	ug/l	98
74) N-amyl acetate	12.025	43	242182	52.43	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.449	83	451896	50.36	ug/l	99
76) 1,2,3-Trichloropropane	12.500	75	396279m	50.40	ug/l	
77) Bromobenzene	12.471	156	301215	49.87	ug/l	83
78) n-propylbenzene	12.538	91	1484947	51.09	ug/l	97
79) 2-Chlorotoluene	12.618	91	927749	48.74	ug/l	95
80) 1,3,5-Trimethylbenzene	12.680	105	1133406	50.74	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.248	75	116015	46.67	ug/l	99
82) 4-Chlorotoluene	12.720	91	934827	51.02	ug/l	94
83) tert-Butylbenzene	12.937	119	943194	50.32	ug/l	95
84) 1,2,4-Trimethylbenzene	12.986	105	1094826	51.34	ug/l	100
85) sec-Butylbenzene	13.117	105	1247220	51.24	ug/l	98
86) p-Isopropyltoluene	13.235	119	1090833	52.15	ug/l	97
87) 1,3-Dichlorobenzene	13.230	146	532763	50.85	ug/l	96
88) 1,4-Dichlorobenzene	13.310	146	533717	50.65	ug/l	97
89) n-Butylbenzene	13.562	91	840835	45.38	ug/l	98
90) Hexachloroethane	13.817	117	232163	49.31	ug/l	100
91) 1,2-Dichlorobenzene	13.600	146	534368	50.99	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.222	75	79808	50.19	ug/l	80
93) 1,2,4-Trichlorobenzene	14.855	180	270846	48.85	ug/l	98
94) Hexachlorobutadiene	14.949	225	169916	50.07	ug/l	99
95) Naphthalene	15.072	128	737026	50.84	ug/l	99
96) 1,2,3-Trichlorobenzene	15.252	180	272112	50.63	ug/l	100

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

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