

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050821\
 Data File : VN067063.D
 Acq On : 7 May 2021 20:10
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 5/10/2021 2:24:20 PM

Quant Time: May 08 03:29:44 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	406421	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.517	114	673171	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.350	117	651853	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.289	152	306716	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.952	65	322419	50.40	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.80%			
35) Dibromofluoromethane	7.514	113	228836	50.06	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 100.12%			
50) Toluene-d8	10.030	98	879671	50.53	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 101.06%			
62) 4-Bromofluorobenzene	12.347	95	323216	54.83	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 109.66%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.834	85	251681	45.85	ug/l	97
3) Chloromethane	2.035	50	343778	43.64	ug/l	99
4) Vinyl Chloride	2.161	62	355108	46.96	ug/l	100
5) Bromomethane	2.496	94	184980	45.99	ug/l	99
6) Chloroethane	2.647	64	211791	47.51	ug/l	99
7) Trichlorofluoromethane	2.966	101	449906	50.13	ug/l	100
8) Diethyl Ether	3.355	74	154022	47.77	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.690	101	215469	47.20	ug/l	94
10) Methyl Iodide	3.880	142	236942	39.38	ug/l #	88
11) Tert butyl alcohol	4.712	59	231077	255.84	ug/l #	83
12) 1,1-Dichloroethene	3.668	96	209509	47.15	ug/l	88
13) Acrolein	3.545	56	239614	318.86	ug/l	99
14) Allyl chloride	4.245	41	419342	47.06	ug/l	94
15) Acrylonitrile	4.891	53	673374	251.20	ug/l	98
16) Acetone	3.754	43	527006	234.18	ug/l	96
17) Carbon Disulfide	3.982	76	626762	45.51	ug/l	99
18) Methyl Acetate	4.250	43	336487	52.27	ug/l	99
19) Methyl tert-butyl Ether	4.956	73	832628	52.27	ug/l	98
20) Methylene Chloride	4.468	84	275050	48.18	ug/l	94
21) trans-1,2-Dichloroethene	4.948	96	234200	48.46	ug/l	85
22) Diisopropyl ether	5.865	45	872832	48.40	ug/l	96
23) Vinyl Acetate	5.803	43	3620099	250.76	ug/l	98
24) 1,1-Dichloroethane	5.758	63	508109	48.74	ug/l	96
25) 2-Butanone	6.747	43	827334	249.34	ug/l	95
26) 2,2-Dichloropropane	6.734	77	413127	47.20	ug/l	94
27) cis-1,2-Dichloroethene	6.742	96	273273	49.34	ug/l	87
28) Bromochloromethane	7.109	49	236321	49.03	ug/l #	81
29) Tetrahydrofuran	7.128	42	553279	251.31	ug/l	97
30) Chloroform	7.292	83	494312	49.68	ug/l	98
31) Cyclohexane	7.576	56	406131	45.13	ug/l	93
32) 1,1,1-Trichloroethane	7.493	97	432584	50.40	ug/l	98
36) 1,1-Dichloropropene	7.718	75	348803	49.75	ug/l	96
37) Ethyl Acetate	6.844	43	357392	50.02	ug/l	99
38) Carbon Tetrachloride	7.699	117	374754	51.26	ug/l	99
39) Methylcyclohexane	9.016	83	385674	49.35	ug/l	94
40) Benzene	7.968	78	1084260	49.26	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.085	41	151553	49.36	ug/l #	100
42) 1,2-Dichloroethane	8.051	62	407313	51.87	ug/l	97
43) Isopropyl Acetate	8.094	43	586419	50.55	ug/l #	89
44) Trichloroethene	8.770	130	238733	49.24	ug/l	92
45) 1,2-Dichloropropane	9.051	63	307027	49.93	ug/l	96
46) Dibromomethane	9.142	93	183281	50.54	ug/l	91
47) Bromodichloromethane	9.338	83	402414	51.33	ug/l	98
48) Methyl methacrylate	9.137	41	264665	51.49	ug/l	96
49) 1,4-Dioxane	9.137	88	85831	1053.37	ug/l	88
51) 4-Methyl-2-Pentanone	9.923	43	1785791	266.28	ug/l	98
52) Toluene	10.094	92	652447	50.44	ug/l	98
53) t-1,3-Dichloropropene	10.322	75	427294	51.10	ug/l	98
54) cis-1,3-Dichloropropene	9.778	75	469350	50.85	ug/l	97
55) 1,1,2-Trichloroethane	10.502	97	259964	50.65	ug/l	95
56) Ethyl methacrylate	10.373	69	386220	48.03	ug/l	99
57) 1,3-Dichloropropane	10.647	76	467758	51.42	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.633	63	612998	498.74	ug/l	94
59) 2-Hexanone	10.695	43	1184130	242.62	ug/l	98
60) Dibromochloromethane	10.843	129	295331	51.39	ug/l	99
61) 1,2-Dibromoethane	10.947	107	256713	51.34	ug/l	98
64) Tetrachloroethene	10.572	164	202412	45.43	ug/l	96
65) Chlorobenzene	11.376	112	686700	49.22	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.451	131	272180	50.30	ug/l	99
67) Ethyl Benzene	11.454	91	1269804	51.68	ug/l	97
68) m/p-Xylenes	11.564	106	950180	103.92	ug/l	92
69) o-Xylene	11.891	106	464088	52.44	ug/l	94
70) Styrene	11.910	104	754212	47.97	ug/l	94
71) Bromoform	12.074	173	200805	51.36	ug/l #	97
73) Isopropylbenzene	12.194	105	1221549	51.34	ug/l	99
74) N-amyl acetate	12.025	43	215322	50.15	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.449	83	403571	48.39	ug/l	99
76) 1,2,3-Trichloropropane	12.500	75	373206m	51.08	ug/l	
77) Bromobenzene	12.471	156	280783	50.02	ug/l	82
78) n-propylbenzene	12.535	91	1417807	52.49	ug/l	97
79) 2-Chlorotoluene	12.618	91	871453	49.27	ug/l	94
80) 1,3,5-Trimethylbenzene	12.680	105	1076973	51.88	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.248	75	101695	44.34	ug/l	96
82) 4-Chlorotoluene	12.717	91	879071	51.63	ug/l	93
83) tert-Butylbenzene	12.937	119	909079	52.19	ug/l	95
84) 1,2,4-Trimethylbenzene	12.986	105	1040737	52.51	ug/l	99
85) sec-Butylbenzene	13.117	105	1196884	52.91	ug/l	97
86) p-Isopropyltoluene	13.235	119	1057539	54.40	ug/l	97
87) 1,3-Dichlorobenzene	13.230	146	494903	50.83	ug/l	97
88) 1,4-Dichlorobenzene	13.307	146	493824	50.43	ug/l	95
89) n-Butylbenzene	13.562	91	836535	48.21	ug/l	98
90) Hexachloroethane	13.817	117	209480	47.88	ug/l	100
91) 1,2-Dichlorobenzene	13.600	146	500922	51.44	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.222	75	76443	51.73	ug/l	76
93) 1,2,4-Trichlorobenzene	14.855	180	279764	54.30	ug/l	99
94) Hexachlorobutadiene	14.949	225	167857	53.22	ug/l	98
95) Naphthalene	15.072	128	773672	57.43	ug/l	99
96) 1,2,3-Trichlorobenzene	15.252	180	266106	53.28	ug/l	96

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

