

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050621\
 Data File : VN067000.D
 Acq On : 6 May 2021 10:12
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 5/7/2021 6:25:09 PM

Quant Time: May 07 04:04:35 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	7.587	168	434147	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.518	114	703649	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.350	117	685988	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.289	152	350967	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.949	65	334903	49.01	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.02%		
35) Dibromofluoromethane	7.512	113	239704	50.17	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	100.34%		
50) Toluene-d8	10.027	98	917605	50.43	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	100.86%		
62) 4-Bromofluorobenzene	12.345	95	362640	58.86	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	117.72%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.834	85	289486	49.37	ug/l	98
3) Chloromethane	2.032	50	419327	49.84	ug/l	100
4) Vinyl Chloride	2.161	62	403035	49.90	ug/l	98
5) Bromomethane	2.505	94	216238	50.32	ug/l	96
6) Chloroethane	2.652	64	231819	48.68	ug/l	100
7) Trichlorofluoromethane	2.966	101	469125	48.93	ug/l	98
8) Diethyl Ether	3.352	74	177857	51.64	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.690	101	235233	48.24	ug/l	94
10) Methyl Iodide	3.880	142	306451	47.68	ug/l #	89
11) Tert butyl alcohol	4.709	59	277361	287.47	ug/l	100
12) 1,1-Dichloroethene	3.666	96	218324	45.99	ug/l	89
13) Acrolein	3.542	56	195269	243.25	ug/l	96
14) Allyl chloride	4.242	41	451867	47.47	ug/l	94
15) Acrylonitrile	4.889	53	742199	259.20	ug/l	99
16) Acetone	3.752	43	658255	273.82	ug/l	97
17) Carbon Disulfide	3.980	76	654003	44.46	ug/l	98
18) Methyl Acetate	4.248	43	365499	53.15	ug/l	96
19) Methyl tert-butyl Ether	4.950	73	872366	51.27	ug/l	96
20) Methylene Chloride	4.465	84	284778	46.70	ug/l	91
21) trans-1,2-Dichloroethene	4.945	96	240802	46.65	ug/l #	84
22) Diisopropyl ether	5.860	45	930269	48.29	ug/l	93
23) Vinyl Acetate	5.803	43	3929103	254.78	ug/l	96
24) 1,1-Dichloroethane	5.755	63	524713	47.12	ug/l	97
25) 2-Butanone	6.745	43	943736	266.26	ug/l	91
26) 2,2-Dichloropropane	6.731	77	450685	48.21	ug/l	95
27) cis-1,2-Dichloroethene	6.737	96	287344	48.57	ug/l	87
28) Bromochloromethane	7.107	49	242001	47.00	ug/l	82
29) Tetrahydrofuran	7.126	42	616420	262.10	ug/l	96
30) Chloroform	7.289	83	509636	47.95	ug/l	99
31) Cyclohexane	7.573	56	433449	45.09	ug/l	95
32) 1,1,1-Trichloroethane	7.488	97	436738	47.63	ug/l	98
36) 1,1-Dichloropropene	7.713	75	362254	49.43	ug/l	96
37) Ethyl Acetate	6.841	43	394049	52.76	ug/l	97
38) Carbon Tetrachloride	7.694	117	377279	49.37	ug/l	99
39) Methylcyclohexane	9.014	83	421349	51.58	ug/l	95
40) Benzene	7.965	78	1126267	48.95	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.091	41	167878m	52.31	ug/l	
42) 1,2-Dichloroethane	8.048	62	418482	50.99	ug/l	97
43) Isopropyl Acetate	8.091	43	637662	52.59	ug/l #	89
44) Trichloroethene	8.767	130	249370	49.20	ug/l	92
45) 1,2-Dichloropropane	9.051	63	315549	49.10	ug/l	98
46) Dibromomethane	9.142	93	192020	50.65	ug/l	91
47) Bromodichloromethane	9.335	83	419515	51.19	ug/l	100
48) Methyl methacrylate	9.137	41	296686	55.21	ug/l	93
49) 1,4-Dioxane	9.134	88	110492	1297.29	ug/l	94
51) 4-Methyl-2-Pentanone	9.920	43	1999859	285.29	ug/l	97
52) Toluene	10.092	92	689739	51.01	ug/l	97
53) t-1,3-Dichloropropene	10.322	75	466627	53.39	ug/l	97
54) cis-1,3-Dichloropropene	9.775	75	497855	51.60	ug/l	96
55) 1,1,2-Trichloroethane	10.502	97	274862	51.24	ug/l	95
56) Ethyl methacrylate	10.371	69	415596	49.29	ug/l	97
57) 1,3-Dichloropropane	10.647	76	493149	51.87	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.631	63	448769	349.31	ug/l	93
59) 2-Hexanone	10.693	43	1375140	266.40	ug/l	98
60) Dibromochloromethane	10.843	129	314467	52.35	ug/l	99
61) 1,2-Dibromoethane	10.945	107	279801	53.53	ug/l	99
64) Tetrachloroethene	10.569	164	212761	45.38	ug/l	96
65) Chlorobenzene	11.374	112	733545	49.96	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.449	131	281899	49.50	ug/l	98
67) Ethyl Benzene	11.454	91	1335965	51.66	ug/l	97
68) m/p-Xylenes	11.564	106	1023459	106.36	ug/l	94
69) o-Xylene	11.891	106	491939	52.82	ug/l	94
70) Styrene	11.910	104	805681	48.63	ug/l	95
71) Bromoform	12.071	173	222660	54.11	ug/l #	99
73) Isopropylbenzene	12.194	105	1333168	48.97	ug/l	98
74) N-amyl acetate	12.023	43	289412	58.91	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.449	83	452194	47.39	ug/l	96
76) 1,2,3-Trichloropropane	12.498	75	438470m	52.44	ug/l	
77) Bromobenzene	12.468	156	315185	49.07	ug/l	81
78) n-propylbenzene	12.535	91	1593856	51.57	ug/l	97
79) 2-Chlorotoluene	12.618	91	962795	47.57	ug/l	95
80) 1,3,5-Trimethylbenzene	12.677	105	1191373	50.15	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.245	75	125985	47.54	ug/l	96
82) 4-Chlorotoluene	12.717	91	987321	50.68	ug/l	94
83) tert-Butylbenzene	12.937	119	980092	49.17	ug/l	96
84) 1,2,4-Trimethylbenzene	12.986	105	1153578	50.87	ug/l	100
85) sec-Butylbenzene	13.114	105	1328437	51.32	ug/l	98
86) p-Isopropyltoluene	13.235	119	1177439	52.93	ug/l	97
87) 1,3-Dichlorobenzene	13.227	146	563314	50.56	ug/l	97
88) 1,4-Dichlorobenzene	13.307	146	537193	47.94	ug/l	91
89) n-Butylbenzene	13.562	91	951942	47.97	ug/l	97
90) Hexachloroethane	13.814	117	237635	47.46	ug/l	99
91) 1,2-Dichlorobenzene	13.597	146	557237	50.00	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.217	75	88690	52.45	ug/l	77
93) 1,2,4-Trichlorobenzene	14.852	180	307242	52.11	ug/l	99
94) Hexachlorobutadiene	14.949	225	182333	50.52	ug/l	100
95) Naphthalene	15.072	128	874218	56.71	ug/l	100
96) 1,2,3-Trichlorobenzene	15.249	180	301027	52.67	ug/l	99

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

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