

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020921\
 Data File : VN065789.D
 Acq On : 9 Feb 2021 18:52
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 2/10/2021 10:08:03 AM

Quant Time: Feb 10 01:01:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 25 13:47:28 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.621	168	130286	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	224670	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	207339	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.312	152	95714	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	75674	44.15	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 88.30%			
35) Dibromofluoromethane	7.547	113	67569	50.75	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 101.50%			
50) Toluene-d8	10.055	98	259091	49.51	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 99.02%			
62) 4-Bromofluorobenzene	12.370	95	99299	52.69	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 105.38%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.833	85	67448	46.22	ug/l	96
3) Chloromethane	2.039	50	97311	45.37	ug/l	99
4) Vinyl Chloride	2.168	62	100165	46.12	ug/l	98
5) Bromomethane	2.518	94	63563	50.56	ug/l	99
6) Chloroethane	2.669	64	59452	47.32	ug/l	100
7) Trichlorofluoromethane	2.988	101	113276	49.89	ug/l	98
8) Diethyl Ether	3.377	74	49547	45.78	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.711	101	68927	50.03	ug/l	99
10) Methyl Iodide	3.901	142	109527	54.23	ug/l	96
11) Tert butyl alcohol	4.762	59	66423	206.88	ug/l	99
12) 1,1-Dichloroethene	3.689	96	72037	45.42	ug/l	98
13) Acrolein	3.566	56	69071	249.01	ug/l	97
14) Allyl chloride	4.267	41	120514	40.99	ug/l	91
15) Acrylonitrile	4.936	53	188674	225.57	ug/l	99
16) Acetone	3.779	43	136052	203.89	ug/l	95
17) Carbon Disulfide	3.997	76	187827	37.61	ug/l	98
18) Methyl Acetate	4.280	43	89012	47.61	ug/l	100
19) Methyl tert-butyl Ether	4.997	73	234799	44.35	ug/l	98
20) Methylene Chloride	4.496	84	85782	46.43	ug/l	96
21) trans-1,2-Dichloroethene	4.981	96	74620	44.27	ug/l	95
22) Diisopropyl ether	5.907	45	250726	41.72	ug/l	97
23) Vinyl Acetate	5.843	43	984708	205.11	ug/l	99
24) 1,1-Dichloroethane	5.795	63	145792	45.51	ug/l	98
25) 2-Butanone	6.795	43	232623	222.33	ug/l	98
26) 2,2-Dichloropropane	6.772	77	104093	40.60	ug/l	99
27) cis-1,2-Dichloroethene	6.778	96	89088	46.13	ug/l	97
28) Bromochloromethane	7.148	49	51886	38.54	ug/l	93
29) Tetrahydrofuran	7.171	42	155931	205.48	ug/l	99
30) Chloroform	7.328	83	139012	47.11	ug/l	98
31) Cyclohexane	7.608	56	127699	39.61	ug/l	99
32) 1,1,1-Trichloroethane	7.528	97	110668	46.07	ug/l	99
36) 1,1-Dichloropropene	7.749	75	106402	47.06	ug/l	99
37) Ethyl Acetate	6.885	43	97490	44.95	ug/l	96
38) Carbon Tetrachloride	7.730	117	93392	50.18	ug/l	100
39) Methylcyclohexane	9.042	83	122433	44.39	ug/l	98
40) Benzene	7.997	78	336051	48.67	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.122	41	50580	43.43	ug/l #	100
42) 1,2-Dichloroethane	8.084	62	103201	49.58	ug/l	97
43) Isopropyl Acetate	8.129	43	164370	42.74	ug/l	98
44) Trichloroethene	8.798	130	86377	51.56	ug/l	99
45) 1,2-Dichloropropane	9.081	63	92136	48.50	ug/l	100
46) Dibromomethane	9.171	93	54465	51.90	ug/l	97
47) Bromodichloromethane	9.367	83	107651	47.82	ug/l	99
48) Methyl methacrylate	9.164	41	80327	44.03	ug/l	95
49) 1,4-Dioxane	9.167	88	31260	1058.79	ug/l	93
51) 4-Methyl-2-Pentanone	9.952	43	498476	235.10	ug/l	97
52) Toluene	10.122	92	209688	51.27	ug/l	98
53) t-1,3-Dichloropropene	10.351	75	126098	48.10	ug/l	99
54) cis-1,3-Dichloropropene	9.804	75	140994	48.28	ug/l	94
55) 1,1,2-Trichloroethane	10.531	97	83517	53.54	ug/l	99
56) Ethyl methacrylate	10.399	69	126687	49.11	ug/l #	92
57) 1,3-Dichloropropane	10.675	76	142036	51.73	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.659	63	267973	224.92	ug/l	98
59) 2-Hexanone	10.720	43	357749	243.03	ug/l	97
60) Dibromochloromethane	10.872	129	84209	52.82	ug/l	99
61) 1,2-Dibromoethane	10.974	107	85303	54.87	ug/l	99
64) Tetrachloroethene	10.598	164	81649	46.99	ug/l	97
65) Chlorobenzene	11.402	112	226889	52.31	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.476	131	78701	51.33	ug/l	98
67) Ethyl Benzene	11.479	91	400412	49.14	ug/l	99
68) m/p-Xylenes	11.592	106	306734	103.98	ug/l	98
69) o-Xylene	11.916	106	150226	52.55	ug/l	98
70) Styrene	11.933	104	252695	53.71	ug/l	99
71) Bromoform	12.097	173	54830	51.73	ug/l #	98
73) Isopropylbenzene	12.219	105	390559	46.60	ug/l	100
74) N-amyl acetate	12.042	43	143330	40.43	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.473	83	116068	46.89	ug/l	99
76) 1,2,3-Trichloropropane	12.524	75	110736m	44.24	ug/l	
77) Bromobenzene	12.495	156	93236	51.38	ug/l	89
78) n-propylbenzene	12.560	91	439508	44.50	ug/l	100
79) 2-Chlorotoluene	12.643	91	262652	44.78	ug/l	100
80) 1,3,5-Trimethylbenzene	12.704	105	332829	46.65	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.270	75	39811	40.74	ug/l	91
82) 4-Chlorotoluene	12.743	91	270816	45.22	ug/l	98
83) tert-Butylbenzene	12.965	119	277179	46.58	ug/l	97
84) 1,2,4-Trimethylbenzene	13.010	105	332564	46.73	ug/l	98
85) sec-Butylbenzene	13.142	105	362199	45.09	ug/l	100
86) p-Isopropyltoluene	13.260	119	327403	46.16	ug/l	99
87) 1,3-Dichlorobenzene	13.254	146	165429	51.14	ug/l	98
88) 1,4-Dichlorobenzene	13.334	146	164146	50.01	ug/l	98
89) n-Butylbenzene	13.585	91	273058	42.85	ug/l	99
90) Hexachloroethane	13.842	117	55513	44.73	ug/l	96
91) 1,2-Dichlorobenzene	13.624	146	163487	50.94	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.238	75	21103	42.97	ug/l	97
93) 1,2,4-Trichlorobenzene	14.878	180	83891	43.60	ug/l	99
94) Hexachlorobutadiene	14.977	225	36995	46.64	ug/l	98
95) Naphthalene	15.096	128	269418	43.90	ug/l	100
96) 1,2,3-Trichlorobenzene	15.280	180	85607	45.00	ug/l	100

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

