

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021121\
 Data File : VN065808.D
 Acq On : 11 Feb 2021 11:50
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
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MMDadoda
 2/12/2021 1:35:22 PM

Quant Time: Feb 11 13:32:48 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	7.618	168	118181	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.544	114	198813	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.373	117	188413	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.312	152	87415	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.981	65	67270	43.27	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	86.54%		
35) Dibromofluoromethane	7.544	113	61422	52.13	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	104.26%		
50) Toluene-d8	10.055	98	227661	49.16	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.32%		
62) 4-Bromofluorobenzene	12.370	95	90274	54.13	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	108.26%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.837	85	73141	55.25	ug/l	98
3) Chloromethane	2.039	50	101612	52.23	ug/l	99
4) Vinyl Chloride	2.165	62	100410	50.97	ug/l	99
5) Bromomethane	2.528	94	66785	58.57	ug/l	99
6) Chloroethane	2.669	64	59401	52.12	ug/l	99
7) Trichlorofluoromethane	2.988	101	111192	53.99	ug/l	100
8) Diethyl Ether	3.374	74	50363	51.30	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.708	101	67364	53.90	ug/l	98
10) Methyl Iodide	3.898	142	103643	56.57	ug/l	96
11) Tert butyl alcohol	4.759	59	59521	204.38	ug/l #	85
12) 1,1-Dichloroethene	3.689	96	69705	48.45	ug/l	99
13) Acrolein	3.566	56	50049	202.55	ug/l	98
14) Allyl chloride	4.264	41	117596	44.09	ug/l	92
15) Acrylonitrile	4.930	53	179426	236.49	ug/l	98
16) Acetone	3.775	43	134725	222.59	ug/l	97
17) Carbon Disulfide	3.997	76	199464	44.04	ug/l	97
18) Methyl Acetate	4.277	43	75198	44.34	ug/l	99
19) Methyl tert-butyl Ether	4.994	73	233424	48.60	ug/l	99
20) Methylene Chloride	4.492	84	86121	51.38	ug/l	99
21) trans-1,2-Dichloroethene	4.978	96	75748	49.54	ug/l	94
22) Diisopropyl ether	5.901	45	244653	44.88	ug/l	97
23) Vinyl Acetate	5.840	43	973175	223.47	ug/l	99
24) 1,1-Dichloroethane	5.788	63	140792	48.45	ug/l	99
25) 2-Butanone	6.788	43	214351	225.85	ug/l	100
26) 2,2-Dichloropropane	6.769	77	105361	45.30	ug/l	98
27) cis-1,2-Dichloroethene	6.775	96	89975	51.36	ug/l	98
28) Bromochloromethane	7.142	49	60167	49.27	ug/l	100
29) Tetrahydrofuran	7.168	42	146048	212.17	ug/l	99
30) Chloroform	7.322	83	134673	50.32	ug/l	99
31) Cyclohexane	7.605	56	124945	42.73	ug/l	98
32) 1,1,1-Trichloroethane	7.521	97	107983	49.56	ug/l	99
36) 1,1-Dichloropropene	7.743	75	102982	51.47	ug/l	100
37) Ethyl Acetate	6.885	43	88921	46.33	ug/l	95
38) Carbon Tetrachloride	7.724	117	88299	53.61	ug/l	98
39) Methylcyclohexane	9.039	83	125452	51.39	ug/l	99
40) Benzene	7.997	78	338104	55.34	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.123	41	41502	40.27	ug/l #	100
42) 1,2-Dichloroethane	8.081	62	102310	55.55	ug/l	97
43) Isopropyl Acetate	8.126	43	155363	45.65	ug/l	94
44) Trichloroethene	8.795	130	86950	58.66	ug/l	98
45) 1,2-Dichloropropane	9.081	63	90498	53.83	ug/l	98
46) Dibromomethane	9.171	93	55163	59.40	ug/l	96
47) Bromodichloromethane	9.364	83	107649	54.04	ug/l	99
48) Methyl methacrylate	9.161	41	77037	47.72	ug/l	95
49) 1,4-Dioxane	9.164	88	28952	1108.16	ug/l	95
51) 4-Methyl-2-Pentanone	9.949	43	461684	246.07	ug/l	97
52) Toluene	10.119	92	213123	58.89	ug/l	96
53) t-1,3-Dichloropropene	10.348	75	126247	54.42	ug/l	100
54) cis-1,3-Dichloropropene	9.804	75	142502	55.14	ug/l	93
55) 1,1,2-Trichloroethane	10.528	97	82512	59.77	ug/l	98
56) Ethyl methacrylate	10.396	69	123774	54.23	ug/l #	93
57) 1,3-Dichloropropane	10.672	76	142354	58.59	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.659	63	234091	222.04	ug/l	99
59) 2-Hexanone	10.721	43	326640	250.76	ug/l	95
60) Dibromochloromethane	10.868	129	86368	61.22	ug/l	98
61) 1,2-Dibromoethane	10.971	107	84219	61.21	ug/l	98
64) Tetrachloroethene	10.598	164	84082	53.25	ug/l	99
65) Chlorobenzene	11.399	112	228927	58.08	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.476	131	79908	57.35	ug/l	99
67) Ethyl Benzene	11.479	91	394001	53.21	ug/l	100
68) m/p-Xylenes	11.589	106	307444	114.69	ug/l	98
69) o-Xylene	11.917	106	147797	56.90	ug/l	98
70) Styrene	11.933	104	253866	59.38	ug/l	98
71) Bromoform	12.097	173	55198	57.31	ug/l #	100
73) Isopropylbenzene	12.219	105	377390	49.31	ug/l	99
74) N-amyl acetate	12.039	43	138414	42.75	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.473	83	112381	49.72	ug/l	100
76) 1,2,3-Trichloropropane	12.521	75	112407m	49.18	ug/l	
77) Bromobenzene	12.495	156	96618	58.30	ug/l	93
78) n-propylbenzene	12.560	91	433176	48.03	ug/l	99
79) 2-Chlorotoluene	12.643	91	261894	48.89	ug/l	100
80) 1,3,5-Trimethylbenzene	12.701	105	328237	50.37	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.270	75	38880	43.57	ug/l	90
82) 4-Chlorotoluene	12.740	91	270187	49.40	ug/l	99
83) tert-Butylbenzene	12.962	119	264582	48.69	ug/l	98
84) 1,2,4-Trimethylbenzene	13.010	105	330865	50.90	ug/l	97
85) sec-Butylbenzene	13.142	105	356947	48.66	ug/l	98
86) p-Isopropyltoluene	13.257	119	326556	50.41	ug/l	98
87) 1,3-Dichlorobenzene	13.251	146	166946	56.51	ug/l	98
88) 1,4-Dichlorobenzene	13.331	146	164851	54.99	ug/l	98
89) n-Butylbenzene	13.582	91	274896	47.24	ug/l	99
90) Hexachloroethane	13.843	117	53466	47.17	ug/l	99
91) 1,2-Dichlorobenzene	13.621	146	164989	56.29	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.238	75	20230	45.10	ug/l	96
93) 1,2,4-Trichlorobenzene	14.878	180	89361	50.29	ug/l	99
94) Hexachlorobutadiene	14.974	225	37670	51.98	ug/l	98
95) Naphthalene	15.097	128	270419	47.90	ug/l	99
96) 1,2,3-Trichlorobenzene	15.277	180	88264	50.43	ug/l	99

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

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