

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010521\
 Data File : VN065386.D
 Acq On : 5 Jan 2021 15:30
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
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MMDadoda
 1/6/2021 3:32:24 PM

Quant Time: Jan 06 01:16:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122220W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 22 15:42:18 2020
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.624	168	321401	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	477711	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	446222	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	229789	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	166074	45.77	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	91.54%		
35) Dibromofluoromethane	7.547	113	146721	50.91	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	101.82%		
50) Toluene-d8	10.058	98	555023	51.38	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	102.76%		
62) 4-Bromofluorobenzene	12.373	95	208038	48.83	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	97.66%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.846	85	128793	43.31	ug/l	100
3) Chloromethane	2.052	50	162873	48.12	ug/l	99
4) Vinyl Chloride	2.181	62	174921	49.68	ug/l	98
5) Bromomethane	2.528	94	123931	49.52	ug/l	99
6) Chloroethane	2.679	64	113630	49.93	ug/l	100
7) Trichlorofluoromethane	2.997	101	232837	44.19	ug/l	97
8) Diethyl Ether	3.383	74	95450	46.02	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.721	101	139226	47.12	ug/l	98
10) Methyl Iodide	3.910	142	210846	47.23	ug/l	94
11) Tert butyl alcohol	4.772	59	120545	203.04	ug/l	100
12) 1,1-Dichloroethene	3.698	96	141111	44.70	ug/l	100
13) Acrolein	3.573	56	95545	238.07	ug/l	98
14) Allyl chloride	4.277	41	222703	42.80	ug/l	98
15) Acrylonitrile	4.943	53	343709	239.57	ug/l	100
16) Acetone	3.785	43	319856	208.28	ug/l	96
17) Carbon Disulfide	4.007	76	346331	42.87	ug/l	100
18) Methyl Acetate	4.290	43	156185	47.94	ug/l	98
19) Methyl tert-butyl Ether	5.004	73	453518	45.23	ug/l	99
20) Methylene Chloride	4.505	84	160860	45.44	ug/l	99
21) trans-1,2-Dichloroethene	4.988	96	146840	47.38	ug/l	98
22) Diisopropyl ether	5.910	45	481147	46.45	ug/l	98
23) Vinyl Acetate	5.849	43	1946160	222.92	ug/l	99
24) 1,1-Dichloroethane	5.798	63	275303	48.45	ug/l	100
25) 2-Butanone	6.795	43	447075	219.48	ug/l	98
26) 2,2-Dichloropropane	6.775	77	234683	43.23	ug/l	100
27) cis-1,2-Dichloroethene	6.778	96	178183	49.40	ug/l	98
28) Bromochloromethane	7.148	49	112159	43.48	ug/l	96
29) Tetrahydrofuran	7.174	42	285454	216.71	ug/l	99
30) Chloroform	7.328	83	282014	48.22	ug/l	98
31) Cyclohexane	7.611	56	232497	43.40	ug/l	97
32) 1,1,1-Trichloroethane	7.528	97	241158	45.51	ug/l	99
36) 1,1-Dichloropropene	7.750	75	206856	47.62	ug/l	97
37) Ethyl Acetate	6.888	43	188849	43.86	ug/l	98
38) Carbon Tetrachloride	7.730	117	209820	45.99	ug/l	99
39) Methylcyclohexane	9.042	83	248287	47.57	ug/l	98
40) Benzene	8.000	78	645907	49.99	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.126	41	92433	41.26	ug/l	90
42) 1,2-Dichloroethane	8.084	62	217713	45.59	ug/l	100
43) Isopropyl Acetate	8.129	43	316915	42.71	ug/l	100
44) Trichloroethene	8.798	130	187932	50.39	ug/l	95
45) 1,2-Dichloropropane	9.084	63	169540	50.47	ug/l	99
46) Dibromomethane	9.174	93	112315	49.23	ug/l	92
47) Bromodichloromethane	9.370	83	227438	47.28	ug/l	99
48) Methyl methacrylate	9.167	41	153520	42.62	ug/l	98
49) 1,4-Dioxane	9.167	88	57084	977.81	ug/l	98
51) 4-Methyl-2-Pentanone	9.952	43	929347	222.76	ug/l	99
52) Toluene	10.122	92	411042	50.47	ug/l	99
53) t-1,3-Dichloropropene	10.351	75	255544	47.14	ug/l	99
54) cis-1,3-Dichloropropene	9.807	75	277953	48.25	ug/l	100
55) 1,1,2-Trichloroethane	10.531	97	163571	50.76	ug/l	97
56) Ethyl methacrylate	10.399	69	239120	47.91	ug/l	100
57) 1,3-Dichloropropane	10.675	76	271872	51.13	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.663	63	502013	231.24	ug/l	99
59) 2-Hexanone	10.720	43	680268	221.80	ug/l	100
60) Dibromochloromethane	10.872	129	187348	48.78	ug/l	98
61) 1,2-Dibromoethane	10.974	107	172969	50.00	ug/l	100
64) Tetrachloroethene	10.598	164	209008	48.23	ug/l	96
65) Chlorobenzene	11.402	112	463315	51.01	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.479	131	175622	49.69	ug/l	99
67) Ethyl Benzene	11.482	91	807339	49.33	ug/l	100
68) m/p-Xylenes	11.592	106	619786	100.52	ug/l	99
69) o-Xylene	11.920	106	300865	50.26	ug/l	100
70) Styrene	11.936	104	512606	51.33	ug/l	99
71) Bromoform	12.100	173	143341	47.11	ug/l #	100
73) Isopropylbenzene	12.222	105	801902	45.82	ug/l	100
74) N-amyl acetate	12.042	43	285311	40.94	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.476	83	219176	46.44	ug/l	99
76) 1,2,3-Trichloropropane	12.524	75	224567m	47.90	ug/l	
77) Bromobenzene	12.499	156	218618	47.80	ug/l	90
78) n-propylbenzene	12.563	91	907412	45.93	ug/l	98
79) 2-Chlorotoluene	12.646	91	536948	46.15	ug/l	97
80) 1,3,5-Trimethylbenzene	12.704	105	685402	45.93	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.273	75	76420	41.10	ug/l	93
82) 4-Chlorotoluene	12.746	91	556659	46.46	ug/l	97
83) tert-Butylbenzene	12.965	119	588122	46.26	ug/l	98
84) 1,2,4-Trimethylbenzene	13.013	105	695314	47.85	ug/l	99
85) sec-Butylbenzene	13.145	105	778141	46.13	ug/l	99
86) p-Isopropyltoluene	13.261	119	717466	46.39	ug/l	98
87) 1,3-Dichlorobenzene	13.254	146	380777	49.78	ug/l	97
88) 1,4-Dichlorobenzene	13.334	146	378588	49.30	ug/l	98
89) n-Butylbenzene	13.585	91	600353	45.42	ug/l	98
90) Hexachloroethane	13.846	117	120682	45.39	ug/l	80
91) 1,2-Dichlorobenzene	13.627	146	371312	50.55	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.241	75	41011	42.19	ug/l	89
93) 1,2,4-Trichlorobenzene	14.881	180	205458	45.44	ug/l	98
94) Hexachlorobutadiene	14.981	225	129705	44.73	ug/l	99
95) Naphthalene	15.103	128	496117	42.23	ug/l	100
96) 1,2,3-Trichlorobenzene	15.283	180	193058	46.03	ug/l	97

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

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