

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011221\
 Data File : VN065491.D
 Acq On : 12 Jan 2021 16:32
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 1/13/2021 4:39:19 PM

Quant Time: Jan 12 23:59:01 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	272108	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	391428	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	365870	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	187797	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.984	65	131771	42.90	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 85.80%			
35) Dibromofluoromethane	7.547	113	120828	51.17	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 102.34%			
50) Toluene-d8	10.058	98	448386	50.66	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 101.32%			
62) 4-Bromofluorobenzene	12.373	95	168506	48.33	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 96.66%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.846	85	104894	41.66	ug/l	99
3) Chloromethane	2.052	50	130094	45.40	ug/l	100
4) Vinyl Chloride	2.181	62	146670	49.20	ug/l	97
5) Bromomethane	2.528	94	102771	48.50	ug/l	98
6) Chloroethane	2.679	64	96560	50.11	ug/l	99
7) Trichlorofluoromethane	2.994	101	203456	45.61	ug/l	97
8) Diethyl Ether	3.383	74	85623	48.76	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.718	101	122738	49.06	ug/l	96
10) Methyl Iodide	3.910	142	194490	51.46	ug/l	92
11) Tert butyl alcohol	4.769	59	100248	199.44	ug/l	100
12) 1,1-Dichloroethene	3.698	96	121107	45.31	ug/l	98
13) Acrolein	3.573	56	68969	203.34	ug/l	97
14) Allyl chloride	4.274	41	186840	42.41	ug/l	99
15) Acrylonitrile	4.939	53	286146	235.58	ug/l	100
16) Acetone	3.785	43	233279	177.86	ug/l	92
17) Carbon Disulfide	4.007	76	267821	39.16	ug/l	100
18) Methyl Acetate	4.287	43	134774	48.86	ug/l	100
19) Methyl tert-butyl Ether	5.004	73	395119	46.55	ug/l	100
20) Methylene Chloride	4.505	84	136194	45.44	ug/l	98
21) trans-1,2-Dichloroethene	4.988	96	124707	47.53	ug/l	99
22) Diisopropyl ether	5.910	45	402176	45.86	ug/l	99
23) Vinyl Acetate	5.846	43	1581752	214.00	ug/l	99
24) 1,1-Dichloroethane	5.798	63	234928	48.83	ug/l	99
25) 2-Butanone	6.795	43	353867	205.19	ug/l	94
26) 2,2-Dichloropropane	6.772	77	194991	42.43	ug/l	99
27) cis-1,2-Dichloroethene	6.782	96	153759	50.35	ug/l	96
28) Bromochloromethane	7.148	49	88286	40.47	ug/l	90
29) Tetrahydrofuran	7.174	42	236717	212.26	ug/l	97
30) Chloroform	7.328	83	241357	48.74	ug/l	99
31) Cyclohexane	7.608	56	187388	41.31	ug/l	97
32) 1,1,1-Trichloroethane	7.524	97	202992	45.24	ug/l	100
36) 1,1-Dichloropropene	7.750	75	174075	48.91	ug/l	97
37) Ethyl Acetate	6.888	43	150796	42.75	ug/l	99
38) Carbon Tetrachloride	7.730	117	176398	47.19	ug/l	99
39) Methylcyclohexane	9.042	83	202327	47.31	ug/l	97
40) Benzene	8.000	78	542215	51.21	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.126	41	77892	42.43	ug/l	87
42) 1,2-Dichloroethane	8.084	62	183395	46.87	ug/l	100
43) Isopropyl Acetate	8.129	43	258190	42.46	ug/l	98
44) Trichloroethene	8.798	130	164276	53.75	ug/l	93
45) 1,2-Dichloropropane	9.081	63	144658	52.56	ug/l	100
46) Dibromomethane	9.171	93	95689	51.19	ug/l	89
47) Bromodichloromethane	9.367	83	193703	49.15	ug/l	99
48) Methyl methacrylate	9.164	41	129570	43.90	ug/l	97
49) 1,4-Dioxane	9.167	88	50277	1051.05	ug/l	98
51) 4-Methyl-2-Pentanone	9.952	43	763833	223.44	ug/l	97
52) Toluene	10.122	92	352170	52.77	ug/l	99
53) t-1,3-Dichloropropene	10.351	75	217522	48.97	ug/l	99
54) cis-1,3-Dichloropropene	9.804	75	238136	50.45	ug/l	98
55) 1,1,2-Trichloroethane	10.531	97	141436	53.56	ug/l	96
56) Ethyl methacrylate	10.399	69	204152	49.92	ug/l	97
57) 1,3-Dichloropropane	10.675	76	235673	54.09	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.659	63	397481	223.45	ug/l	98
59) 2-Hexanone	10.720	43	550418	219.02	ug/l	98
60) Dibromochloromethane	10.872	129	165900	52.71	ug/l	98
61) 1,2-Dibromoethane	10.974	107	148855	52.52	ug/l	100
64) Tetrachloroethene	10.598	164	183570	51.67	ug/l	95
65) Chlorobenzene	11.402	112	403635	54.19	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.479	131	153942	53.12	ug/l	99
67) Ethyl Benzene	11.482	91	676078	50.38	ug/l	97
68) m/p-Xylenes	11.592	106	532854	105.40	ug/l	96
69) o-Xylene	11.920	106	255655	52.09	ug/l	98
70) Styrene	11.936	104	441547	53.92	ug/l	98
71) Bromoform	12.097	173	127007	50.91	ug/l #	99
73) Isopropylbenzene	12.222	105	680403	47.57	ug/l	98
74) N-amyl acetate	12.042	43	232882	40.89	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.476	83	185999	48.23	ug/l	98
76) 1,2,3-Trichloropropane	12.527	75	191589m	50.01	ug/l	
77) Bromobenzene	12.499	156	193066	51.65	ug/l	87
78) n-propylbenzene	12.563	91	756171	46.83	ug/l	96
79) 2-Chlorotoluene	12.646	91	453425	47.69	ug/l	95
80) 1,3,5-Trimethylbenzene	12.704	105	576133	47.24	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.273	75	65592	43.17	ug/l	95
82) 4-Chlorotoluene	12.746	91	470846	48.09	ug/l	95
83) tert-Butylbenzene	12.965	119	504424	48.54	ug/l	97
84) 1,2,4-Trimethylbenzene	13.013	105	585756	49.33	ug/l	100
85) sec-Butylbenzene	13.145	105	649513	47.11	ug/l	98
86) p-Isopropyltoluene	13.261	119	614392	48.61	ug/l	98
87) 1,3-Dichlorobenzene	13.254	146	329007	52.63	ug/l	97
88) 1,4-Dichlorobenzene	13.335	146	327797	52.24	ug/l	98
89) n-Butylbenzene	13.589	91	499333	46.22	ug/l	97
90) Hexachloroethane	13.846	117	101962	46.93	ug/l	79
91) 1,2-Dichlorobenzene	13.627	146	322487	53.72	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.241	75	34098	42.92	ug/l	84
93) 1,2,4-Trichlorobenzene	14.881	180	183556	49.40	ug/l	98
94) Hexachlorobutadiene	14.981	225	109319	46.13	ug/l	100
95) Naphthalene	15.103	128	424723	44.07	ug/l	100
96) 1,2,3-Trichlorobenzene	15.283	180	171665	49.80	ug/l	98

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

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