

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN123120\
 Data File : VN065342.D
 Acq On : 31 Dec 2020 13:05
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 1/4/2021 9:29:37 AM

Quant Time: Jan 01 01:48:37 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	7.627	168	314463	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.553	114	464602	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.380	117	430890	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	215163	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	163862	46.16	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	92.32%		
35) Dibromofluoromethane	7.553	113	140676	50.19	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	100.38%		
50) Toluene-d8	10.061	98	535087	50.93	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	101.86%		
62) 4-Bromofluorobenzene	12.376	95	196335	47.54	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	95.08%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.846	85	132281	45.46	ug/l	98
3) Chloromethane	2.055	50	163370	49.33	ug/l	99
4) Vinyl Chloride	2.180	62	170775	49.57	ug/l	97
5) Bromomethane	2.525	94	119216	48.68	ug/l	99
6) Chloroethane	2.676	64	110320	49.54	ug/l	99
7) Trichlorofluoromethane	2.994	101	228945	44.41	ug/l	98
8) Diethyl Ether	3.386	74	91636	45.16	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.721	101	132895	45.97	ug/l	99
10) Methyl Iodide	3.910	142	203597	46.61	ug/l	94
11) Tert butyl alcohol	4.778	59	131837	226.96	ug/l	100
12) 1,1-Dichloroethene	3.698	96	138098	44.71	ug/l	99
13) Acrolein	3.576	56	86207	219.73	ug/l	99
14) Allyl chloride	4.280	41	220495	43.31	ug/l	97
15) Acrylonitrile	4.949	53	351957	250.73	ug/l	99
16) Acetone	3.791	43	283629	187.71	ug/l	96
17) Carbon Disulfide	4.007	76	345803	43.75	ug/l	99
18) Methyl Acetate	4.293	43	155070	48.65	ug/l	99
19) Methyl tert-butyl Ether	5.010	73	447111	45.58	ug/l	99
20) Methylene Chloride	4.508	84	156443	45.17	ug/l	98
21) trans-1,2-Dichloroethene	4.991	96	142349	46.95	ug/l	99
22) Diisopropyl ether	5.917	45	472745	46.65	ug/l	97
23) Vinyl Acetate	5.856	43	1970287	230.67	ug/l	99
24) 1,1-Dichloroethane	5.801	63	266867	48.00	ug/l	99
25) 2-Butanone	6.801	43	458471	230.04	ug/l	98
26) 2,2-Dichloropropane	6.782	77	213916	40.28	ug/l	99
27) cis-1,2-Dichloroethene	6.785	96	174929	49.57	ug/l	96
28) Bromochloromethane	7.155	49	110220	43.67	ug/l	97
29) Tetrahydrofuran	7.177	42	303956	235.85	ug/l	99
30) Chloroform	7.331	83	275424	48.13	ug/l	97
31) Cyclohexane	7.614	56	230341	43.94	ug/l	96
32) 1,1,1-Trichloroethane	7.531	97	237736	45.85	ug/l	100
36) 1,1-Dichloropropene	7.753	75	204015	48.29	ug/l	98
37) Ethyl Acetate	6.894	43	195252	46.63	ug/l	98
38) Carbon Tetrachloride	7.737	117	208729	47.04	ug/l	99
39) Methylcyclohexane	9.045	83	243892	48.05	ug/l	99
40) Benzene	8.003	78	630428	50.16	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.132	41	98877	45.38	ug/l	86
42) 1,2-Dichloroethane	8.090	62	213832	46.04	ug/l	99
43) Isopropyl Acetate	8.132	43	329341	45.64	ug/l	99
44) Trichloroethene	8.801	130	181130	49.93	ug/l	97
45) 1,2-Dichloropropane	9.084	63	165286	50.59	ug/l	98
46) Dibromomethane	9.177	93	109425	49.32	ug/l	92
47) Bromodichloromethane	9.370	83	224069	47.90	ug/l	99
48) Methyl methacrylate	9.171	41	162985	46.52	ug/l	99
49) 1,4-Dioxane	9.171	88	60784	1070.57	ug/l	99
51) 4-Methyl-2-Pentanone	9.955	43	991829	244.44	ug/l	100
52) Toluene	10.126	92	403085	50.89	ug/l	100
53) t-1,3-Dichloropropene	10.354	75	248759	47.18	ug/l	100
54) cis-1,3-Dichloropropene	9.807	75	266947	47.65	ug/l	98
55) 1,1,2-Trichloroethane	10.534	97	160953	51.35	ug/l	96
56) Ethyl methacrylate	10.402	69	240190	49.48	ug/l	98
57) 1,3-Dichloropropane	10.679	76	266768	51.59	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.666	63	505368	239.35	ug/l	100
59) 2-Hexanone	10.724	43	726320	243.50	ug/l	99
60) Dibromochloromethane	10.875	129	184666	49.43	ug/l	98
61) 1,2-Dibromoethane	10.978	107	170827	50.78	ug/l	100
64) Tetrachloroethene	10.601	164	199864	47.76	ug/l	96
65) Chlorobenzene	11.405	112	443714	50.59	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.482	131	170344	49.91	ug/l	99
67) Ethyl Benzene	11.482	91	784137	49.62	ug/l	100
68) m/p-Xylenes	11.595	106	602726	101.23	ug/l	99
69) o-Xylene	11.920	106	290439	50.25	ug/l	99
70) Styrene	11.936	104	495931	51.42	ug/l	100
71) Bromoform	12.100	173	144078	49.04	ug/l #	100
73) Isopropylbenzene	12.222	105	775166	47.30	ug/l	99
74) N-amyl acetate	12.045	43	294796	45.18	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.479	83	221367	50.10	ug/l	98
76) 1,2,3-Trichloropropane	12.527	75	216411m	49.30	ug/l	
77) Bromobenzene	12.498	156	210752	49.21	ug/l	91
78) n-propylbenzene	12.566	91	871205	47.09	ug/l	98
79) 2-Chlorotoluene	12.650	91	516884	47.45	ug/l	98
80) 1,3,5-Trimethylbenzene	12.707	105	664519	47.55	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.273	75	77174	44.33	ug/l	92
82) 4-Chlorotoluene	12.746	91	540884	48.21	ug/l	98
83) tert-Butylbenzene	12.968	119	565768	47.52	ug/l	99
84) 1,2,4-Trimethylbenzene	13.013	105	664943	48.87	ug/l	99
85) sec-Butylbenzene	13.145	105	748964	47.42	ug/l	99
86) p-Isopropyltoluene	13.264	119	687176	47.46	ug/l	99
87) 1,3-Dichlorobenzene	13.257	146	362379	50.60	ug/l	97
88) 1,4-Dichlorobenzene	13.338	146	355120	49.39	ug/l	98
89) n-Butylbenzene	13.588	91	570038	46.05	ug/l	99
90) Hexachloroethane	13.849	117	119001	47.80	ug/l	82
91) 1,2-Dichlorobenzene	13.627	146	354163	51.49	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.244	75	44158	48.51	ug/l	93
93) 1,2,4-Trichlorobenzene	14.881	180	197994	46.68	ug/l	99
94) Hexachlorobutadiene	14.981	225	121515	44.75	ug/l	99
95) Naphthalene	15.103	128	505472	45.65	ug/l	99
96) 1,2,3-Trichlorobenzene	15.283	180	185425	47.14	ug/l	97

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

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