

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021221\
 Data File : VN065862.D
 Acq On : 13 Feb 2021 1:22
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 2/15/2021 1:32:33 PM

Quant Time: Feb 13 03:40:04 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	162266	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	288595	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	258406	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.312	152	120068	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.984	65	92945	43.54	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 87.08%			
35) Dibromofluoromethane	7.547	113	86304	50.46	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 100.92%			
50) Toluene-d8	10.055	98	331482	49.31	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 98.62%			
62) 4-Bromofluorobenzene	12.373	95	124342	51.36	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 102.72%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.833	85	88000	48.42	ug/l	97
3) Chloromethane	2.039	50	112603	42.16	ug/l	98
4) Vinyl Chloride	2.164	62	125301	46.33	ug/l	97
5) Bromomethane	2.525	94	80581	51.47	ug/l	99
6) Chloroethane	2.669	64	75747	48.41	ug/l	100
7) Trichlorofluoromethane	2.988	101	144074	50.95	ug/l	97
8) Diethyl Ether	3.377	74	66941	49.66	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.711	101	91744	53.47	ug/l	96
10) Methyl Iodide	3.901	142	142579	56.68	ug/l	95
11) Tert butyl alcohol	4.766	59	84652	211.70	ug/l	100
12) 1,1-Dichloroethene	3.688	96	96954	49.08	ug/l	98
13) Acrolein	3.566	56	35592	113.63	ug/l	100
14) Allyl chloride	4.267	41	158028	43.15	ug/l	91
15) Acrylonitrile	4.933	53	248382	238.43	ug/l	99
16) Acetone	3.779	43	169552	204.02	ug/l	95
17) Carbon Disulfide	3.997	76	274631	44.16	ug/l	99
18) Methyl Acetate	4.280	43	107128	46.00	ug/l	95
19) Methyl tert-butyl Ether	4.997	73	318485	48.30	ug/l	99
20) Methylene Chloride	4.496	84	117216	50.93	ug/l	97
21) trans-1,2-Dichloroethene	4.981	96	104137	49.60	ug/l	94
22) Diisopropyl ether	5.907	45	329513	44.02	ug/l	95
23) Vinyl Acetate	5.846	43	1288085	215.42	ug/l	100
24) 1,1-Dichloroethane	5.791	63	194400	48.72	ug/l	99
25) 2-Butanone	6.791	43	292947	224.81	ug/l	98
26) 2,2-Dichloropropane	6.769	77	127763	40.01	ug/l	99
27) cis-1,2-Dichloroethene	6.775	96	122214	50.81	ug/l	98
28) Bromochloromethane	7.148	49	68639	40.94	ug/l	94
29) Tetrahydrofuran	7.171	42	201385	213.07	ug/l	96
30) Chloroform	7.325	83	181907	49.50	ug/l	99
31) Cyclohexane	7.608	56	181924	45.31	ug/l	99
32) 1,1,1-Trichloroethane	7.524	97	147625	49.34	ug/l	100
36) 1,1-Dichloropropene	7.749	75	147145	50.67	ug/l	99
37) Ethyl Acetate	6.888	43	126204	45.30	ug/l	95
38) Carbon Tetrachloride	7.730	117	122281	51.15	ug/l	98
39) Methylcyclohexane	9.042	83	174651	49.29	ug/l	98
40) Benzene	8.000	78	461155	52.00	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.126	41	64071	42.83	ug/l #	100
42) 1,2-Dichloroethane	8.084	62	134958	50.48	ug/l	97
43) Isopropyl Acetate	8.129	43	213973	43.31	ug/l	93
44) Trichloroethene	8.798	130	116475	54.13	ug/l	97
45) 1,2-Dichloropropane	9.084	63	122673	50.27	ug/l	99
46) Dibromomethane	9.171	93	72012	53.42	ug/l	94
47) Bromodichloromethane	9.367	83	138954	48.05	ug/l	98
48) Methyl methacrylate	9.164	41	106043	45.25	ug/l	93
49) 1,4-Dioxane	9.164	88	40540	1068.96	ug/l	95
51) 4-Methyl-2-Pentanone	9.952	43	635616	233.38	ug/l	96
52) Toluene	10.122	92	288898	54.99	ug/l	97
53) t-1,3-Dichloropropene	10.351	75	164416	48.82	ug/l	98
54) cis-1,3-Dichloropropene	9.804	75	188296	50.20	ug/l	92
55) 1,1,2-Trichloroethane	10.531	97	109087	54.44	ug/l	98
56) Ethyl methacrylate	10.399	69	174204	52.58	ug/l #	89
57) 1,3-Dichloropropane	10.675	76	189017	53.60	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.663	63	340326	222.38	ug/l	97
59) 2-Hexanone	10.720	43	451641	238.85	ug/l	94
60) Dibromochloromethane	10.871	129	107419	52.45	ug/l	95
61) 1,2-Dibromoethane	10.974	107	109559	54.86	ug/l	99
64) Tetrachloroethene	10.598	164	109167	50.41	ug/l	98
65) Chlorobenzene	11.402	112	298733	55.26	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.479	131	97036	50.78	ug/l	97
67) Ethyl Benzene	11.479	91	541279	53.30	ug/l	99
68) m/p-Xylenes	11.592	106	408833	111.20	ug/l	99
69) o-Xylene	11.916	106	196674	55.21	ug/l	98
70) Styrene	11.933	104	330088	56.29	ug/l	99
71) Bromoform	12.097	173	62168	47.06	ug/l #	99
73) Isopropylbenzene	12.219	105	504673	48.01	ug/l	99
74) N-amyl acetate	12.042	43	182953	41.14	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.473	83	141368	45.53	ug/l	99
76) 1,2,3-Trichloropropane	12.524	75	131236m	41.80	ug/l	
77) Bromobenzene	12.489	156	307534m	135.10	ug/l	
78) n-propylbenzene	12.560	91	569301	45.95	ug/l	99
79) 2-Chlorotoluene	12.643	91	339950	46.20	ug/l	97
80) 1,3,5-Trimethylbenzene	12.704	105	421578	47.10	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.270	75	44090	35.97	ug/l	92
82) 4-Chlorotoluene	12.743	91	343404	45.71	ug/l	98
83) tert-Butylbenzene	12.965	119	344836	46.20	ug/l	97
84) 1,2,4-Trimethylbenzene	13.010	105	427757	47.91	ug/l	100
85) sec-Butylbenzene	13.141	105	454886	45.14	ug/l	99
86) p-Isopropyltoluene	13.257	119	424528	47.71	ug/l	97
87) 1,3-Dichlorobenzene	13.254	146	207703	51.19	ug/l	97
88) 1,4-Dichlorobenzene	13.334	146	211126	51.27	ug/l	98
89) n-Butylbenzene	13.585	91	366371	45.84	ug/l	99
90) Hexachloroethane	13.842	117	65971	42.38	ug/l	94
91) 1,2-Dichlorobenzene	13.624	146	202474	50.30	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.238	75	27761	45.06	ug/l	90
93) 1,2,4-Trichlorobenzene	14.878	180	112252	46.28	ug/l	98
94) Hexachlorobutadiene	14.977	225	43789	44.02	ug/l	99
95) Naphthalene	15.096	128	419099	53.61	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.280	180	114396	47.75	ug/l	98

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

