

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022421\
 Data File : VN065992.D
 Acq On : 24 Feb 2021 10:03
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 2/25/2021 12:15:52 PM

Quant Time: Feb 25 02:09:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 17 15:48:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.624	168	110583	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	186830	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	172573	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	81887	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.988	65	78371	50.68	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.36%			
35) Dibromofluoromethane	7.550	113	57441	49.68	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 99.36%			
50) Toluene-d8	10.058	98	226810	47.79	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 95.58%			
62) 4-Bromofluorobenzene	12.373	95	89947	50.48	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 100.96%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.850	85	65415	45.18	ug/l	100
3) Chloromethane	2.055	50	74225	40.92	ug/l	98
4) Vinyl Chloride	2.184	62	77160	43.18	ug/l	98
5) Bromomethane	2.544	94	49973	45.65	ug/l	96
6) Chloroethane	2.689	64	42249	41.90	ug/l	96
7) Trichlorofluoromethane	3.004	101	107629	48.37	ug/l	99
8) Diethyl Ether	3.390	74	37708	46.18	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.731	101	53542	45.49	ug/l	99
10) Methyl Iodide	3.923	142	77641	42.24	ug/l	96
11) Tert butyl alcohol	4.743	59	58258	270.94	ug/l	99
12) 1,1-Dichloroethene	3.711	96	55413	44.62	ug/l	94
13) Acrolein	3.579	56	43545	221.29	ug/l	98
14) Allyl chloride	4.287	41	96393	45.46	ug/l	100
15) Acrylonitrile	4.939	53	140097	234.96	ug/l	97
16) Acetone	3.785	43	132524	272.96	ug/l	96
17) Carbon Disulfide	4.023	76	156135	44.14	ug/l	100
18) Methyl Acetate	4.290	43	60208	47.12	ug/l	97
19) Methyl tert-butyl Ether	5.001	73	203789	51.00	ug/l	99
20) Methylene Chloride	4.515	84	63247	44.11	ug/l	98
21) trans-1,2-Dichloroethene	5.001	96	62921	48.20	ug/l	97
22) Diisopropyl ether	5.907	45	189213	44.62	ug/l	98
23) Vinyl Acetate	5.849	43	789705	237.39	ug/l	99
24) 1,1-Dichloroethane	5.804	63	113594	46.36	ug/l	98
25) 2-Butanone	6.788	43	181900	237.63	ug/l	100
26) 2,2-Dichloropropane	6.779	77	109677	57.06	ug/l	96
27) cis-1,2-Dichloroethene	6.782	96	73034	49.12	ug/l	96
28) Bromochloromethane	7.152	49	48901	43.30	ug/l	98
29) Tetrahydrofuran	7.168	42	113206	214.81	ug/l	96
30) Chloroform	7.332	83	120017	49.58	ug/l	99
31) Cyclohexane	7.615	56	98048	42.52	ug/l	97
32) 1,1,1-Trichloroethane	7.528	97	108905	53.64	ug/l	99
36) 1,1-Dichloropropene	7.753	75	88864	48.24	ug/l	99
37) Ethyl Acetate	6.882	43	74532	44.80	ug/l	96
38) Carbon Tetrachloride	7.734	117	91272	53.31	ug/l	99
39) Methylcyclohexane	9.045	83	99567	48.10	ug/l	98
40) Benzene	8.004	78	265171	46.91	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.123	41	33149	41.16	ug/l #	100
42) 1,2-Dichloroethane	8.084	62	98212	52.87	ug/l	97
43) Isopropyl Acetate	8.126	43	134463	50.72	ug/l	100
44) Trichloroethene	8.801	130	72078	51.56	ug/l	100
45) 1,2-Dichloropropane	9.081	63	68761	47.51	ug/l	99
46) Dibromomethane	9.171	93	44800	50.81	ug/l	96
47) Bromodichloromethane	9.367	83	98299	54.76	ug/l	99
48) Methyl methacrylate	9.161	41	64127	47.74	ug/l	97
49) 1,4-Dioxane	9.161	88	24250	1059.49	ug/l	92
51) 4-Methyl-2-Pentanone	9.949	43	370211	229.48	ug/l	99
52) Toluene	10.123	92	171644	49.45	ug/l	95
53) t-1,3-Dichloropropene	10.348	75	117011	52.59	ug/l	97
54) cis-1,3-Dichloropropene	9.804	75	120286	54.04	ug/l	96
55) 1,1,2-Trichloroethane	10.531	97	64712	49.81	ug/l	99
56) Ethyl methacrylate	10.396	69	98629	50.49	ug/l	99
57) 1,3-Dichloropropane	10.676	76	111586	48.73	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.660	63	199363	213.79	ug/l	99
59) 2-Hexanone	10.721	43	266742	232.13	ug/l	98
60) Dibromochloromethane	10.872	129	74098	55.81	ug/l	99
61) 1,2-Dibromoethane	10.975	107	67784	51.36	ug/l	100
64) Tetrachloroethene	10.598	164	71105	53.37	ug/l	96
65) Chlorobenzene	11.402	112	182723	50.63	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.479	131	69537	56.10	ug/l	97
67) Ethyl Benzene	11.479	91	330751	50.64	ug/l	98
68) m/p-Xylenes	11.592	106	252453	103.58	ug/l	96
69) o-Xylene	11.917	106	122229	52.01	ug/l	97
70) Styrene	11.933	104	206769	53.44	ug/l	96
71) Bromoform	12.097	173	48643	51.40	ug/l #	99
73) Isopropylbenzene	12.219	105	319931	47.87	ug/l	100
74) N-amyl acetate	12.042	43	104092	44.90	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.476	83	87281	44.26	ug/l	99
76) 1,2,3-Trichloropropane	12.524	75	93992m	47.78	ug/l	
77) Bromobenzene	12.495	156	75968	49.68	ug/l	89
78) n-propylbenzene	12.563	91	361478	47.56	ug/l	99
79) 2-Chlorotoluene	12.643	91	225892	47.42	ug/l	97
80) 1,3,5-Trimethylbenzene	12.704	105	280679	49.43	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.270	75	32055	51.93	ug/l	94
82) 4-Chlorotoluene	12.743	91	236167	49.10	ug/l	97
83) tert-Butylbenzene	12.965	119	230602	49.16	ug/l	97
84) 1,2,4-Trimethylbenzene	13.010	105	279683	49.07	ug/l	100
85) sec-Butylbenzene	13.142	105	293325	48.16	ug/l	100
86) p-Isopropyltoluene	13.261	119	274788	49.69	ug/l	98
87) 1,3-Dichlorobenzene	13.254	146	135619	50.11	ug/l	97
88) 1,4-Dichlorobenzene	13.335	146	141022	51.01	ug/l	97
89) n-Butylbenzene	13.585	91	236297	50.68	ug/l	99
90) Hexachloroethane	13.846	117	39437	42.12	ug/l	96
91) 1,2-Dichlorobenzene	13.624	146	135534	49.94	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.241	75	20749	53.33	ug/l	84
93) 1,2,4-Trichlorobenzene	14.878	180	81093	55.11	ug/l	99
94) Hexachlorobutadiene	14.978	225	32900	52.23	ug/l	98
95) Naphthalene	15.100	128	252564	52.98	ug/l	99
96) 1,2,3-Trichlorobenzene	15.280	180	80285	54.68	ug/l	98

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

