

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012021\
 Data File : VN065565.D
 Acq On : 20 Jan 2021 16:05
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Jan 21 01:22:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N011321W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jan 14 04:12:08 2021
 Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 20% Max. R.T. Dev 0.50min
 Max. RRF Dev : 30% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	30.000	30.000	0.0	103	0.00
2 M	Dichlorodifluoromethane	20.000	17.026	14.9	96	0.00
3 M	Chloromethane	20.000	16.995	15.0	96	0.00
4 M	Vinyl Chloride	20.000	17.426	12.9	101	0.00
5 M	Bromomethane	20.000	17.767	11.2	98	0.02
6 M	Chloroethane	20.000	16.978	15.1	97	0.00
7 M	Trichlorofluoromethane	20.000	17.668	11.7	99	0.00
8 T	Diethyl Ether	20.000	18.154	9.2	100	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	18.716	6.4	103	0.00
10 M	1,1-Dichloroethene	20.000	17.996	10.0	102	0.00
11	Methyl Iodide	20.000	18.009	10.0	102	0.00
12	Methyl Acetate	20.000	18.320	8.4	100	0.00
13 M	Acrolein	100.000	72.154	27.8	82	0.00
14 M	Acrylonitrile	100.000	85.794	14.2	95	0.00
15 M	Acetone	100.000	85.434	14.6	92	0.00
16 M	Carbon Disulfide	20.000	16.785	16.1	98	0.00
17	Allyl chloride	20.000	17.071	14.6	99	0.00
18 M	Methylene Chloride	20.000	18.389	8.1	102	0.00
19 M	trans-1,2-Dichloroethene	20.000	17.946	10.3	102	0.00
20 T	Diisopropyl ether	20.000	17.906	10.5	100	0.00
21 M	1,1-Dichloroethane	20.000	18.276	8.6	102	0.00
22 M	cis-1,2-Dichloroethene	20.000	18.294	8.5	105	0.00
23 M	tert-Butyl Alcohol	100.000	84.556	15.4	92	-0.02
24 M	Methyl tert-Butyl Ether	20.000	18.086	9.6	103	0.00
25 M	Chloroform	20.000	18.327	8.4	104	0.00
26	Cyclohexane	20.000	16.646	16.8	97	0.00
27 s	1,2-Dichloroethane-d4	30.000	28.476	5.1	96	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	103	0.00
29	1,1-Dichloropropene	20.000	17.770	11.2	104	0.00
30 M	2-Butanone	100.000	79.831	20.2	88	0.00
31	2,2-Dichloropropane	20.000	18.232	8.8	105	0.00
32 M	1,1,1-Trichloroethane	20.000	17.661	11.7	101	0.00
33 M	Carbon Tetrachloride	20.000	17.731	11.3	103	0.00
34 M	Benzene	20.000	18.030	9.8	103	0.00
35	Methacrylonitrile	20.000	17.199	14.0	92	0.00
36 M	1,2-Dichloroethane	20.000	17.503	12.5	97	0.00
37 M	Trichloroethene	20.000	18.251	8.7	106	0.00
38	Methylcyclohexane	20.000	17.058	14.7	102	0.00
39 M	1,2-Dichloropropane	20.000	18.283	8.6	104	0.00
40	Dibromomethane	20.000	17.789	11.1	101	0.00
41 M	Bromodichloromethane	20.000	18.149	9.3	106	0.00
42 M	Vinyl Acetate	100.000	84.194	15.8	96	0.00
43	Ethyl Acetate	20.000	16.281	18.6	94	0.00
44	Isopropyl Acetate	20.000	16.446	17.8	93	0.00
45 T	1,4-Dioxane	400.000	422.244	-5.6	120	0.00
46	Methyl methacrylate	20.000	16.604	17.0	96	0.00
47	n-amyl Acetate	20.000	16.105	19.5	98	0.00
48 M	t-1,3-Dichloropropene	20.000	17.713	11.4	108	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	17.925	10.4	105	0.00
50 M	1,1,2-Trichloroethane	20.000	18.247	8.8	104	0.00
51	Ethyl methacrylate	20.000	16.728	16.4	99	0.00
52	1,3-Dichloropropane	20.000	17.787	11.1	102	0.00
53 M	Dibromochloromethane	20.000	18.131	9.3	109	0.00
54 M	1,2-Dibromoethane	20.000	17.647	11.8	103	0.00
55 M	2-Chloroethyl vinyl ether	100.000	91.906	8.1	108	0.00
56 M	Bromoform	20.000	17.172	14.1	106	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	102	0.00
58 M	4-Methyl-2-Pentanone	100.000	83.094	16.9	90	0.00
59 M	2-Hexanone	100.000	79.295	20.7	88	0.00
60 S	4-Bromofluorobenzene	30.000	29.297	2.3	103	0.00
61 M	Tetrachloroethene	20.000	18.877	5.6	104	0.00
62 M	Toluene	20.000	18.277	8.6	103	0.00
63 S	Toluene-d8	30.000	30.554	-1.8	103	0.00
64 M	Chlorobenzene	20.000	18.307	8.5	105	0.00
65	1,1,1,2-Tetrachloroethane	20.000	18.210	8.9	103	0.00
66 M	Ethyl Benzene	20.000	18.014	9.9	104	0.00
67 M	m/p-Xylenes	40.000	36.517	8.7	105	0.00
68 M	o-Xylene	20.000	17.924	10.4	103	0.00
69 M	Styrene	20.000	18.079	9.6	105	0.00
70	Isopropylbenzene	20.000	18.095	9.5	104	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	17.338	13.3	99	0.00
72	1,2,3-Trichloropropane	20.000	17.299	13.5	99	0.00
73	Bromobenzene	20.000	17.813	10.9	103	0.00
74	n-propylbenzene	20.000	18.165	9.2	105	0.00
75	2-Chlorotoluene	20.000	18.017	9.9	103	0.00
76	1,3,5-Trimethylbenzene	20.000	18.156	9.2	104	0.00
77	t-1,4-Dichloro-2-butene	20.000	16.719	16.4	104	0.00
78	4-Chlorotoluene	20.000	17.870	10.6	104	0.00
79	tert-butylbenzene	20.000	17.941	10.3	104	0.00
80	1,2,4-Trimethylbenzene	20.000	18.226	8.9	105	0.00
81	sec-Butylbenzene	20.000	17.961	10.2	104	0.00
82	p-Isopropyltoluene	20.000	18.172	9.1	107	0.00
83 M	1,3-Dichlorobenzene	20.000	18.442	7.8	109	0.00
84 M	1,4-Dichlorobenzene	20.000	17.890	10.5	110	0.00
85	n-Butylbenzene	20.000	18.096	9.5	110	0.00
86 T	Hexachloroethane	20.000	17.479	12.6	107	0.00
87 M	1,2-Dichlorobenzene	20.000	18.450	7.8	108	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	17.468	12.7	106	0.00
89	1,2,4-Trichlorobenzene	20.000	21.284	-6.4	134	0.00
90	Hexachlorobutadiene	20.000	18.676	6.6	108	0.00
91 M	Naphthalene	20.000	21.565	-7.8	138	0.00
92	1,2,3-Trichlorobenzene	20.000	20.053	-0.3	134	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 0