

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021221\
 Data File : VN065831.D
 Acq On : 12 Feb 2021 10:11
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Feb 13 01:00:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N020321W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Feb 03 14:50:04 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	123	0.00
2 M	Dichlorodifluoromethane	20.000	19.897	0.5	140	0.00
3 M	Chloromethane	20.000	19.255	3.7	135	0.00
4 M	Vinyl Chloride	20.000	20.120	-0.6	140	0.00
5 M	Bromomethane	20.000	20.976	-4.9	145	-0.01
6 M	Chloroethane	20.000	20.311	-1.6	142	0.00
7 M	Trichlorofluoromethane	20.000	19.854	0.7	138	0.00
8 T	Diethyl Ether	20.000	20.175	-0.9	141	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	21.021	-5.1	145	0.00
10 M	1,1-Dichloroethene	20.000	20.702	-3.5	144	0.00
11	Methyl Iodide	20.000	19.911	0.4	140	0.00
12	Methyl Acetate	20.000	17.922	10.4	124	0.00
13 M	Acrolein	100.000	117.193	-17.2	148	0.00
14 M	Acrylonitrile	100.000	93.576	6.4	130	0.00
15 M	Acetone	100.000	143.463	-43.5#	172	0.00
16 M	Carbon Disulfide	20.000	18.712	6.4	132	0.00
17	Allyl chloride	20.000	18.056	9.7	128	0.00
18 M	Methylene Chloride	20.000	21.106	-5.5	147	0.00
19 M	trans-1,2-Dichloroethene	20.000	20.329	-1.6	144	0.00
20 T	Diisopropyl ether	20.000	18.846	5.8	130	0.00
21 M	1,1-Dichloroethane	20.000	19.441	2.8	136	0.00
22 M	cis-1,2-Dichloroethene	20.000	20.377	-1.9	143	0.00
23 M	tert-Butyl Alcohol	100.000	87.139	12.9	115	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.799	1.0	139	0.00
25 M	Chloroform	20.000	19.836	0.8	138	0.00
26	Cyclohexane	20.000	18.605	7.0	130	0.00
27 s	1,2-Dichloroethane-d4	30.000	28.112	6.3	114	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	119	0.00
29	1,1-Dichloropropene	20.000	20.291	-1.5	140	0.00
30 M	2-Butanone	100.000	109.861	-9.9	143	0.00
31	2,2-Dichloropropane	20.000	19.570	2.1	132	0.00
32 M	1,1,1-Trichloroethane	20.000	19.852	0.7	136	0.00
33 M	Carbon Tetrachloride	20.000	19.623	1.9	134	0.00
34 M	Benzene	20.000	20.642	-3.2	141	0.00
35	Methacrylonitrile	20.000	17.226	13.9	129	0.00
36 M	1,2-Dichloroethane	20.000	20.245	-1.2	136	0.00
37 M	Trichloroethene	20.000	21.215	-6.1	145	0.00
38	Methylcyclohexane	20.000	19.296	3.5	133	0.00
39 M	1,2-Dichloropropane	20.000	20.362	-1.8	138	0.00
40	Dibromomethane	20.000	20.150	-0.7	136	0.00
41 M	Bromodichloromethane	20.000	19.167	4.2	132	0.00
42 M	Vinyl Acetate	100.000	92.560	7.4	126	0.00
43	Ethyl Acetate	20.000	17.152	14.2	116	0.00
44	Isopropyl Acetate	20.000	18.186	9.1	123	0.00
45 T	1,4-Dioxane	400.000	375.627	6.1	120	0.00
46	Methyl methacrylate	20.000	18.948	5.3	131	0.00
47	n-amyl Acetate	20.000	17.352	13.2	125	0.00
48 M	t-1,3-Dichloropropene	20.000	18.918	5.4	132	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	19.757	1.2	137	0.00
50 M	1,1,2-Trichloroethane	20.000	21.259	-6.3	146	0.00
51	Ethyl methacrylate	20.000	19.618	1.9	136	0.00
52	1,3-Dichloropropane	20.000	20.519	-2.6	140	0.00
53 M	Dibromochloromethane	20.000	19.774	1.1	140	0.00
54 M	1,2-Dibromoethane	20.000	20.787	-3.9	144	0.00
55 M	2-Chloroethyl vinyl ether	100.000	80.385	19.6	99	0.00
56 M	Bromoform	20.000	18.423	7.9	132	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	121	0.00
58 M	4-Methyl-2-Pentanone	100.000	94.118	5.9	126	0.00
59 M	2-Hexanone	100.000	102.442	-2.4	138	0.00
60 S	4-Bromofluorobenzene	30.000	29.600	1.3	120	0.00
61 M	Tetrachloroethene	20.000	21.349	-6.7	145	0.00
62 M	Toluene	20.000	21.035	-5.2	146	0.00
63 S	Toluene-d8	30.000	30.292	-1.0	121	0.00
64 M	Chlorobenzene	20.000	21.080	-5.4	148	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.250	-1.3	141	0.00
66 M	Ethyl Benzene	20.000	20.500	-2.5	143	0.00
67 M	m/p-Xylenes	40.000	42.420	-6.1	148	0.00
68 M	o-Xylene	20.000	21.087	-5.4	146	0.00
69 M	Styrene	20.000	20.885	-4.4	150	0.00
70	Isopropylbenzene	20.000	21.037	-5.2	146	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.478	-2.4	140	0.00
72	1,2,3-Trichloropropane	20.000	19.533	2.3	126	0.00
73	Bromobenzene	20.000	21.090	-5.4	150	0.00
74	n-propylbenzene	20.000	20.404	-2.0	144	0.00
75	2-Chlorotoluene	20.000	20.600	-3.0	143	0.00
76	1,3,5-Trimethylbenzene	20.000	20.651	-3.3	145	0.00
77	t-1,4-Dichloro-2-butene	20.000	16.540	17.3	121	0.00
78	4-Chlorotoluene	20.000	20.580	-2.9	147	0.00
79	tert-butylbenzene	20.000	20.040	-0.2	140	0.00
80	1,2,4-Trimethylbenzene	20.000	20.792	-4.0	146	0.00
81	sec-Butylbenzene	20.000	20.006	-0.0	139	0.00
82	p-Isopropyltoluene	20.000	20.430	-2.1	145	0.00
83 M	1,3-Dichlorobenzene	20.000	21.048	-5.2	152	0.00
84 M	1,4-Dichlorobenzene	20.000	20.966	-4.8	154	0.00
85	n-Butylbenzene	20.000	19.175	4.1	139	0.00
86 T	Hexachloroethane	20.000	18.433	7.8	134	0.00
87 M	1,2-Dichlorobenzene	20.000	20.720	-3.6	147	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	17.430	12.9	119	0.00
89	1,2,4-Trichlorobenzene	20.000	18.097	9.5	142	0.00
90	Hexachlorobutadiene	20.000	19.072	4.6	132	0.00
91 M	Naphthalene	20.000	17.098	14.5	135	0.00
92	1,2,3-Trichlorobenzene	20.000	18.347	8.3	139	0.00

(#) = Out of Range

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