

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012021\
 Data File : VN065560.D
 Acq On : 20 Jan 2021 10:02
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Jan 21 01:20:09 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	75	0.00
2 M	Dichlorodifluoromethane	20.000	19.998	0.0	83	0.00
3 M	Chloromethane	20.000	20.213	-1.1	83	0.00
4 M	Vinyl Chloride	20.000	20.331	-1.7	86	0.00
5 M	Bromomethane	20.000	21.126	-5.6	85	0.02
6 M	Chloroethane	20.000	20.215	-1.1	84	0.00
7 M	Trichlorofluoromethane	20.000	21.268	-6.3	88	0.00
8 T	Diethyl Ether	20.000	21.241	-6.2	86	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	22.485	-12.4	91	0.00
10 M	1,1-Dichloroethene	20.000	21.616	-8.1	89	0.00
11	Methyl Iodide	20.000	21.119	-5.6	88	0.00
12	Methyl Acetate	20.000	21.869	-9.3	88	0.00
13 M	Acrolein	100.000	100.806	-0.8	84	0.00
14 M	Acrylonitrile	100.000	101.326	-1.3	82	0.00
15 M	Acetone	100.000	145.838	-45.8#	115	0.00
16 M	Carbon Disulfide	20.000	19.900	0.5	85	0.00
17	Allyl chloride	20.000	20.449	-2.2	87	0.00
18 M	Methylene Chloride	20.000	21.233	-6.2	87	0.00
19 M	trans-1,2-Dichloroethene	20.000	21.287	-6.4	88	0.00
20 T	Diisopropyl ether	20.000	20.631	-3.2	85	0.00
21 M	1,1-Dichloroethane	20.000	21.536	-7.7	88	0.00
22 M	cis-1,2-Dichloroethene	20.000	21.231	-6.2	89	0.00
23 M	tert-Butyl Alcohol	100.000	98.657	1.3	79	0.00
24 M	Methyl tert-Butyl Ether	20.000	20.826	-4.1	87	0.00
25 M	Chloroform	20.000	21.540	-7.7	89	0.00
26	Cyclohexane	20.000	20.001	-0.0	85	0.00
27 s	1,2-Dichloroethane-d4	30.000	28.895	3.7	71	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	74	0.00
29	1,1-Dichloropropene	20.000	21.397	-7.0	89	0.00
30 M	2-Butanone	100.000	118.121	-18.1	93	0.00
31	2,2-Dichloropropane	20.000	22.517	-12.6	92	0.00
32 M	1,1,1-Trichloroethane	20.000	21.959	-9.8	90	0.00
33 M	Carbon Tetrachloride	20.000	21.470	-7.3	89	0.00
34 M	Benzene	20.000	21.546	-7.7	88	0.00
35	Methacrylonitrile	20.000	16.315	18.4	63	0.00
36 M	1,2-Dichloroethane	20.000	21.194	-6.0	84	0.00
37 M	Trichloroethene	20.000	21.928	-9.6	91	0.00
38	Methylcyclohexane	20.000	21.196	-6.0	90	0.00
39 M	1,2-Dichloropropane	20.000	21.994	-10.0	89	0.00
40	Dibromomethane	20.000	21.554	-7.8	87	0.00
41 M	Bromodichloromethane	20.000	21.566	-7.8	89	0.00
42 M	Vinyl Acetate	100.000	102.155	-2.2	83	0.00
43	Ethyl Acetate	20.000	19.970	0.2	83	0.00
44	Isopropyl Acetate	20.000	20.136	-0.7	81	0.00
45 T	1,4-Dioxane	400.000	419.699	-4.9	85	0.00
46	Methyl methacrylate	20.000	19.407	3.0	80	0.00
47	n-amyl Acetate	20.000	19.050	4.7	83	0.00
48 M	t-1,3-Dichloropropene	20.000	20.672	-3.4	90	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	21.569	-7.8	90	0.00
50 M	1,1,2-Trichloroethane	20.000	21.992	-10.0	90	0.00
51	Ethyl methacrylate	20.000	20.056	-0.3	85	0.00
52	1,3-Dichloropropane	20.000	21.445	-7.2	88	0.00
53 M	Dibromochloromethane	20.000	21.743	-8.7	93	0.00
54 M	1,2-Dibromoethane	20.000	21.046	-5.2	88	0.00
55 M	2-Chloroethyl vinyl ether	100.000	92.437	7.6	77	0.00
56 M	Bromoform	20.000	20.496	-2.5	91	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	75	0.00
58 M	4-Methyl-2-Pentanone	100.000	99.547	0.5	79	0.00
59 M	2-Hexanone	100.000	104.992	-5.0	85	0.00
60 S	4-Bromofluorobenzene	30.000	29.011	3.3	75	0.00
61 M	Tetrachloroethene	20.000	22.792	-14.0	92	0.00
62 M	Toluene	20.000	21.601	-8.0	89	0.00
63 S	Toluene-d8	30.000	30.053	-0.2	74	0.00
64 M	Chlorobenzene	20.000	21.816	-9.1	91	0.00
65	1,1,1,2-Tetrachloroethane	20.000	21.467	-7.3	89	0.00
66 M	Ethyl Benzene	20.000	20.912	-4.6	88	0.00
67 M	m/p-Xylenes	40.000	42.938	-7.3	90	0.00
68 M	o-Xylene	20.000	21.206	-6.0	89	0.00
69 M	Styrene	20.000	21.096	-5.5	90	0.00
70	Isopropylbenzene	20.000	21.308	-6.5	90	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.554	-2.8	86	0.00
72	1,2,3-Trichloropropane	20.000	19.706	1.5	82	0.00
73	Bromobenzene	20.000	21.200	-6.0	89	0.00
74	n-propylbenzene	20.000	21.403	-7.0	91	0.00
75	2-Chlorotoluene	20.000	21.130	-5.6	88	0.00
76	1,3,5-Trimethylbenzene	20.000	21.370	-6.9	90	0.00
77	t-1,4-Dichloro-2-butene	20.000	19.833	0.8	90	0.00
78	4-Chlorotoluene	20.000	21.143	-5.7	90	0.00
79	tert-butylbenzene	20.000	21.267	-6.3	90	0.00
80	1,2,4-Trimethylbenzene	20.000	21.528	-7.6	90	0.00
81	sec-Butylbenzene	20.000	21.472	-7.4	91	0.00
82	p-Isopropyltoluene	20.000	21.404	-7.0	92	0.00
83 M	1,3-Dichlorobenzene	20.000	21.496	-7.5	93	0.00
84 M	1,4-Dichlorobenzene	20.000	21.196	-6.0	95	0.00
85	n-Butylbenzene	20.000	21.611	-8.1	96	0.00
86 T	Hexachloroethane	20.000	20.617	-3.1	92	0.00
87 M	1,2-Dichlorobenzene	20.000	21.788	-8.9	93	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	20.160	-0.8	90	0.00
89	1,2,4-Trichlorobenzene	20.000	23.221	-16.1	112	0.00
90	Hexachlorobutadiene	20.000	23.065	-15.3	97	0.00
91 M	Naphthalene	20.000	22.962	-14.8	112	0.00
92	1,2,3-Trichlorobenzene	20.000	22.830	-14.1	112	0.00

(#) = Out of Range

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