

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011421\
 Data File : VN065501.D
 Acq On : 14 Jan 2021 11:10
 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 14 16:01:15 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	101	0.00
2 M	Dichlorodifluoromethane	20.000	18.482	7.6	103	0.00
3 M	Chloromethane	20.000	17.983	10.1	99	0.00
4 M	Vinyl Chloride	20.000	17.970	10.2	102	0.00
5 M	Bromomethane	20.000	18.815	5.9	102	0.00
6 M	Chloroethane	20.000	17.994	10.0	101	0.00
7 M	Trichlorofluoromethane	20.000	18.198	9.0	100	0.00
8 T	Diethyl Ether	20.000	18.555	7.2	101	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	18.897	5.5	103	0.00
10 M	1,1-Dichloroethene	20.000	18.514	7.4	103	0.00
11	Methyl Iodide	20.000	17.780	11.1	99	0.00
12	Methyl Acetate	20.000	18.550	7.2	100	0.00
13 M	Acrolein	100.000	98.493	1.5	110	0.00
14 M	Acrylonitrile	100.000	92.566	7.4	100	0.00
15 M	Acetone	100.000	104.346	-4.3	111	0.00
16 M	Carbon Disulfide	20.000	17.855	10.7	102	0.00
17	Allyl chloride	20.000	17.898	10.5	102	0.00
18 M	Methylene Chloride	20.000	18.749	6.3	103	0.00
19 M	trans-1,2-Dichloroethene	20.000	18.354	8.2	102	0.00
20 T	Diisopropyl ether	20.000	18.447	7.8	102	0.00
21 M	1,1-Dichloroethane	20.000	18.398	8.0	101	0.00
22 M	cis-1,2-Dichloroethene	20.000	18.248	8.8	103	0.00
23 M	tert-Butyl Alcohol	100.000	94.602	5.4	101	0.00
24 M	Methyl tert-Butyl Ether	20.000	18.495	7.5	104	0.00
25 M	Chloroform	20.000	18.101	9.5	100	0.00
26	Cyclohexane	20.000	17.749	11.3	101	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.811	0.6	98	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	98	0.00
29	1,1-Dichloropropene	20.000	18.282	8.6	102	0.00
30 M	2-Butanone	100.000	96.369	3.6	102	0.00
31	2,2-Dichloropropane	20.000	18.752	6.2	103	0.00
32 M	1,1,1-Trichloroethane	20.000	18.446	7.8	101	0.00
33 M	Carbon Tetrachloride	20.000	18.048	9.8	100	0.00
34 M	Benzene	20.000	18.465	7.7	101	0.00
35	Methacrylonitrile	20.000	18.301	8.5	94	0.00
36 M	1,2-Dichloroethane	20.000	18.815	5.9	99	0.00
37 M	Trichloroethene	20.000	18.752	6.2	104	0.00
38	Methylcyclohexane	20.000	18.619	6.9	106	0.00
39 M	1,2-Dichloropropane	20.000	18.478	7.6	100	0.00
40	Dibromomethane	20.000	18.929	5.4	102	0.00
41 M	Bromodichloromethane	20.000	18.236	8.8	101	0.00
42 M	Vinyl Acetate	100.000	93.213	6.8	101	0.00
43	Ethyl Acetate	20.000	18.132	9.3	100	0.00
44	Isopropyl Acetate	20.000	18.141	9.3	98	0.00
45 T	1,4-Dioxane	400.000	418.214	-4.6	113	0.00
46	Methyl methacrylate	20.000	17.706	11.5	98	0.00
47	n-amyl Acetate	20.000	16.840	15.8	98	0.00
48 M	t-1,3-Dichloropropene	20.000	18.179	9.1	106	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	18.439	7.8	103	0.00
50 M	1,1,2-Trichloroethane	20.000	19.030	4.8	104	0.00
51	Ethyl methacrylate	20.000	17.829	10.9	101	0.00
52	1,3-Dichloropropane	20.000	18.682	6.6	103	0.00
53 M	Dibromochloromethane	20.000	18.253	8.7	105	0.00
54 M	1,2-Dibromoethane	20.000	18.536	7.3	103	0.00
55 M	2-Chloroethyl vinyl ether	100.000	95.936	4.1	107	0.00
56 M	Bromoform	20.000	17.287	13.6	102	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	99	0.00
58 M	4-Methyl-2-Pentanone	100.000	92.025	8.0	97	0.00
59 M	2-Hexanone	100.000	91.624	8.4	99	0.00
60 S	4-Bromofluorobenzene	30.000	29.176	2.7	100	0.00
61 M	Tetrachloroethene	20.000	19.511	2.4	105	0.00
62 M	Toluene	20.000	18.576	7.1	102	0.00
63 S	Toluene-d8	30.000	30.200	-0.7	99	0.00
64 M	Chlorobenzene	20.000	18.603	7.0	103	0.00
65	1,1,1,2-Tetrachloroethane	20.000	18.398	8.0	101	0.00
66 M	Ethyl Benzene	20.000	18.206	9.0	102	0.00
67 M	m/p-Xylenes	40.000	36.802	8.0	103	0.00
68 M	o-Xylene	20.000	18.205	9.0	102	0.00
69 M	Styrene	20.000	18.221	8.9	103	0.00
70	Isopropylbenzene	20.000	18.159	9.2	102	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	17.779	11.1	98	0.00
72	1,2,3-Trichloropropane	20.000	17.903	10.5	100	0.00
73	Bromobenzene	20.000	17.974	10.1	101	0.00
74	n-propylbenzene	20.000	18.162	9.2	102	0.00
75	2-Chlorotoluene	20.000	17.990	10.1	100	0.00
76	1,3,5-Trimethylbenzene	20.000	18.382	8.1	103	0.00
77	t-1,4-Dichloro-2-butene	20.000	16.859	15.7	102	0.00
78	4-Chlorotoluene	20.000	17.928	10.4	101	0.00
79	tert-butylbenzene	20.000	17.953	10.2	101	0.00
80	1,2,4-Trimethylbenzene	20.000	18.232	8.8	102	0.00
81	sec-Butylbenzene	20.000	18.087	9.6	102	0.00
82	p-Isopropyltoluene	20.000	18.285	8.6	105	0.00
83 M	1,3-Dichlorobenzene	20.000	17.649	11.8	102	0.00
84 M	1,4-Dichlorobenzene	20.000	17.498	12.5	104	0.00
85	n-Butylbenzene	20.000	17.639	11.8	105	0.00
86 T	Hexachloroethane	20.000	16.641	16.8	99	0.00
87 M	1,2-Dichlorobenzene	20.000	18.077	9.6	103	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	17.082	14.6	101	0.00
89	1,2,4-Trichlorobenzene	20.000	19.309	3.5	112	0.00
90	Hexachlorobutadiene	20.000	18.625	6.9	105	0.00
91 M	Naphthalene	20.000	19.524	2.4	112	0.00
92	1,2,3-Trichlorobenzene	20.000	16.626	16.9	108	0.00

(#) = Out of Range

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