

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032421\
 Data File : VN066320.D
 Acq On : 24 Mar 2021 21:05
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Mar 25 06:01:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N032421W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 25 05:52:50 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	18.431	7.8	96	0.00
3 M	Chloromethane	20.000	18.963	5.2	99	0.00
4 M	Vinyl Chloride	20.000	18.548	7.3	96	0.00
5 M	Bromomethane	20.000	18.968	5.2	102	0.00
6 M	Chloroethane	20.000	19.223	3.9	101	0.00
7 M	Trichlorofluoromethane	20.000	19.284	3.6	103	0.00
8 T	Diethyl Ether	20.000	19.132	4.3	98	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	18.807	6.0	98	0.00
10 M	1,1-Dichloroethene	20.000	19.480	2.6	104	0.00
11	Methyl Iodide	20.000	19.589	2.1	98	0.00
12	Methyl Acetate	20.000	20.327	-1.6	101	0.00
13 M	Acrolein	100.000	87.111	12.9	97	0.00
14 M	Acrylonitrile	100.000	98.531	1.5	101	0.00
15 M	Acetone	100.000	87.446	12.6	96	0.00
16 M	Carbon Disulfide	20.000	18.473	7.6	96	0.00
17	Allyl chloride	20.000	20.030	-0.2	97	0.00
18 M	Methylene Chloride	20.000	18.962	5.2	98	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.094	4.5	100	0.00
20 T	Diisopropyl ether	20.000	19.327	3.4	99	0.00
21 M	1,1-Dichloroethane	20.000	19.222	3.9	99	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.560	2.2	101	0.00
23 M	tert-Butyl Alcohol	100.000	96.299	3.7	95	0.02
24 M	Methyl tert-Butyl Ether	20.000	19.281	3.6	99	0.00
25 M	Chloroform	20.000	19.302	3.5	99	0.00
26	Cyclohexane	20.000	18.980	5.1	98	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.508	1.6	100	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	99	0.00
29	1,1-Dichloropropene	20.000	19.582	2.1	100	0.00
30 M	2-Butanone	100.000	96.888	3.1	98	0.00
31	2,2-Dichloropropane	20.000	17.838	10.8	90	0.00
32 M	1,1,1-Trichloroethane	20.000	19.781	1.1	101	0.00
33 M	Carbon Tetrachloride	20.000	19.921	0.4	101	0.00
34 M	Benzene	20.000	19.661	1.7	99	0.00
35	Methacrylonitrile	20.000	18.179	9.1	97	0.00
36 M	1,2-Dichloroethane	20.000	19.590	2.1	97	0.00
37 M	Trichloroethene	20.000	19.462	2.7	99	0.00
38	Methylcyclohexane	20.000	18.833	5.8	96	0.00
39 M	1,2-Dichloropropane	20.000	19.465	2.7	98	0.00
40	Dibromomethane	20.000	19.547	2.3	98	0.00
41 M	Bromodichloromethane	20.000	19.433	2.8	97	0.00
42 M	Vinyl Acetate	100.000	98.258	1.7	99	0.00
43	Ethyl Acetate	20.000	20.371	-1.9	100	0.00
44	Isopropyl Acetate	20.000	19.978	0.1	99	0.00
45 T	1,4-Dioxane	400.000	395.892	1.0	98	0.00
46	Methyl methacrylate	20.000	19.535	2.3	98	0.00
47	n-amyl Acetate	20.000	16.345	18.3	84	0.00
48 M	t-1,3-Dichloropropene	20.000	19.276	3.6	97	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	19.181	4.1	97	0.00
50 M	1,1,2-Trichloroethane	20.000	19.807	1.0	98	0.00
51	Ethyl methacrylate	20.000	19.646	1.8	98	0.00
52	1,3-Dichloropropane	20.000	19.644	1.8	98	0.00
53 M	Dibromochloromethane	20.000	19.435	2.8	96	0.00
54 M	1,2-Dibromoethane	20.000	19.464	2.7	96	0.00
55 M	2-Chloroethyl vinyl ether	100.000	81.799	18.2	78	0.00
56 M	Bromoform	20.000	19.292	3.5	96	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	94	0.00
58 M	4-Methyl-2-Pentanone	100.000	102.438	-2.4	98	0.00
59 M	2-Hexanone	100.000	98.857	1.1	95	0.00
60 S	4-Bromofluorobenzene	30.000	29.880	0.4	94	0.00
61 M	Tetrachloroethene	20.000	20.243	-1.2	97	0.00
62 M	Toluene	20.000	19.862	0.7	97	0.00
63 S	Toluene-d8	30.000	30.701	-2.3	98	0.00
64 M	Chlorobenzene	20.000	19.564	2.2	94	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.079	-0.4	97	0.00
66 M	Ethyl Benzene	20.000	19.510	2.4	94	0.00
67 M	m/p-Xylenes	40.000	39.115	2.2	95	0.00
68 M	o-Xylene	20.000	19.691	1.5	95	0.00
69 M	Styrene	20.000	19.166	4.2	92	0.00
70	Isopropylbenzene	20.000	19.500	2.5	94	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.556	2.2	92	0.00
72	1,2,3-Trichloropropane	20.000	18.991	5.0	88	0.00
73	Bromobenzene	20.000	19.245	3.8	92	0.00
74	n-propylbenzene	20.000	19.351	3.2	94	0.00
75	2-Chlorotoluene	20.000	19.254	3.7	93	0.00
76	1,3,5-Trimethylbenzene	20.000	19.383	3.1	94	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.260	8.7	85	0.00
78	4-Chlorotoluene	20.000	19.176	4.1	92	0.00
79	tert-butylbenzene	20.000	19.083	4.6	94	0.00
80	1,2,4-Trimethylbenzene	20.000	19.406	3.0	95	0.00
81	sec-Butylbenzene	20.000	19.154	4.2	93	0.00
82	p-Isopropyltoluene	20.000	19.102	4.5	93	0.00
83 M	1,3-Dichlorobenzene	20.000	19.570	2.1	95	0.00
84 M	1,4-Dichlorobenzene	20.000	19.873	0.6	95	0.00
85	n-Butylbenzene	20.000	18.582	7.1	91	0.00
86 T	Hexachloroethane	20.000	19.733	1.3	95	0.00
87 M	1,2-Dichlorobenzene	20.000	20.187	-0.9	98	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	22.298	-11.5	104	0.00
89	1,2,4-Trichlorobenzene	20.000	19.269	3.7	96	0.00
90	Hexachlorobutadiene	20.000	18.298	8.5	92	0.00
91 M	Naphthalene	20.000	20.187	-0.9	99	0.00
92	1,2,3-Trichlorobenzene	20.000	19.952	0.2	98	0.00

(#) = Out of Range

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