

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032423\
 Data File : VN077173.D
 Acq On : 24 Mar 2023 10:43
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Mar 24 23:26:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N032423W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Mar 24 05:55:38 2023
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	30.000	30.000	0.0	94	0.00
2 M	Dichlorodifluoromethane	20.000	23.328	-16.6	116	0.00
3 M	Chloromethane	20.000	20.204	-1.0	81	0.00
4 M	Vinyl Chloride	20.000	19.428	2.9	98	0.00
5 M	Bromomethane	20.000	28.859	-44.3#	142	0.00
6 M	Chloroethane	20.000	24.309	-21.5	118	0.00
7 M	Trichlorofluoromethane	20.000	19.628	1.9	96	0.00
8 T	Diethyl Ether	20.000	19.531	2.3	100	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.912	-4.6	103	0.00
10 M	1,1-Dichloroethene	20.000	20.840	-4.2	102	0.00
11	Methyl Iodide	20.000	20.268	-1.3	110	0.00
12	Methyl Acetate	20.000	19.215	3.9	94	0.00
13 M	Acrolein	100.000	94.129	5.9	91	0.00
14 M	Acrylonitrile	100.000	94.582	5.4	92	0.00
15 M	Acetone	100.000	111.976	-12.0	109	0.00
16 M	Carbon Disulfide	20.000	20.449	-2.2	104	0.00
17	Allyl chloride	20.000	18.850	5.7	97	0.00
18 M	Methylene Chloride	20.000	20.440	-2.2	99	0.00
19 M	trans-1,2-Dichloroethene	20.000	20.147	-0.7	101	0.00
20 T	Diisopropyl ether	20.000	21.262	-6.3	103	0.00
21 M	1,1-Dichloroethane	20.000	20.923	-4.6	104	-0.01
22 M	cis-1,2-Dichloroethene	20.000	21.140	-5.7	103	0.00
23 M	tert-Butyl Alcohol	100.000	83.887	16.1	85	-0.01
24 M	Methyl tert-Butyl Ether	20.000	19.597	2.0	98	0.00
25 M	Chloroform	20.000	21.088	-5.4	102	0.00
26	Cyclohexane	20.000	20.186	-0.9	100	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.920	-3.1	95	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	96	0.00
29	1,1-Dichloropropene	20.000	20.504	-2.5	102	0.00
30 M	2-Butanone	100.000	98.933	1.1	96	0.00
31	2,2-Dichloropropane	20.000	23.508	-17.5	119	-0.01
32 M	1,1,1-Trichloroethane	20.000	20.002	-0.0	99	0.00
33 M	Carbon Tetrachloride	20.000	20.567	-2.8	101	0.00
34 M	Benzene	20.000	20.483	-2.4	101	0.00
35	Methacrylonitrile	20.000	19.788	1.1	97	0.00
36 M	1,2-Dichloroethane	20.000	21.374	-6.9	104	0.00
37 M	Trichloroethene	20.000	20.458	-2.3	102	0.00
38	Methylcyclohexane	20.000	20.039	-0.2	104	0.00
39 M	1,2-Dichloropropane	20.000	20.564	-2.8	100	0.00
40	Dibromomethane	20.000	20.935	-4.7	103	0.00
41 M	Bromodichloromethane	20.000	20.624	-3.1	102	0.00
42 M	Vinyl Acetate	100.000	98.139	1.9	100	0.00
43	Ethyl Acetate	20.000	19.270	3.7	94	0.00
44	Isopropyl Acetate	20.000	18.475	7.6	91	0.00
45 T	1,4-Dioxane	400.000	384.481	3.9	89	0.00
46	Methyl methacrylate	20.000	20.063	-0.3	95	0.00
47	n-amyl Acetate	20.000	17.766	11.2	95	0.00
48 M	t-1,3-Dichloropropene	20.000	19.504	2.5	102	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	20.610	-3.0	106	0.00
50 M	1,1,2-Trichloroethane	20.000	19.845	0.8	97	0.00
51	Ethyl methacrylate	20.000	18.729	6.4	98	0.00
52	1,3-Dichloropropane	20.000	20.445	-2.2	103	0.00
53 M	Dibromochloromethane	20.000	20.199	-1.0	103	0.00
54 M	1,2-Dibromoethane	20.000	20.247	-1.2	101	0.00
55 M	2-Chloroethyl vinyl ether	100.000	92.041	8.0	94	0.00
56 M	Bromoform	20.000	18.864	5.7	103	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	98	0.00
58 M	4-Methyl-2-Pentanone	100.000	94.381	5.6	93	0.00
59 M	2-Hexanone	100.000	93.563	6.4	92	0.00
60 S	4-Bromofluorobenzene	30.000	30.259	-0.9	99	0.00
61 M	Tetrachloroethene	20.000	19.974	0.1	101	0.00
62 M	Toluene	20.000	20.331	-1.7	102	0.00
63 S	Toluene-d8	30.000	31.003	-3.3	97	0.00
64 M	Chlorobenzene	20.000	20.545	-2.7	105	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.185	-0.9	101	0.00
66 M	Ethyl Benzene	20.000	20.055	-0.3	102	0.00
67 M	m/p-Xylenes	40.000	41.131	-2.8	105	0.00
68 M	o-Xylene	20.000	20.035	-0.2	103	0.00
69 M	Styrene	20.000	19.572	2.1	103	0.00
70	Isopropylbenzene	20.000	19.975	0.1	103	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.443	-2.2	100	0.00
72	1,2,3-Trichloropropane	20.000	20.281	-1.4	96	0.00
73	Bromobenzene	20.000	19.863	0.7	101	0.00
74	n-propylbenzene	20.000	20.232	-1.2	106	0.00
75	2-Chlorotoluene	20.000	20.268	-1.3	104	0.00
76	1,3,5-Trimethylbenzene	20.000	20.295	-1.5	102	0.00
77	t-1,4-Dichloro-2-butene	20.000	19.397	3.0	105	0.00
78	4-Chlorotoluene	20.000	19.472	2.6	101	0.00
79	tert-butylbenzene	20.000	19.796	1.0	102	0.00
80	1,2,4-Trimethylbenzene	20.000	19.977	0.1	103	0.00
81	sec-Butylbenzene	20.000	19.790	1.1	104	0.00
82	p-Isopropyltoluene	20.000	19.905	0.5	106	0.00
83 M	1,3-Dichlorobenzene	20.000	20.121	-0.6	103	0.00
84 M	1,4-Dichlorobenzene	20.000	19.364	3.2	102	0.00
85	n-Butylbenzene	20.000	18.831	5.8	106	0.00
86 T	Hexachloroethane	20.000	19.508	2.5	104	0.00
87 M	1,2-Dichlorobenzene	20.000	19.617	1.9	102	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	18.073	9.6	94	0.00
89	1,2,4-Trichlorobenzene	20.000	16.555	17.2	97	0.00
90	Hexachlorobutadiene	20.000	20.581	-2.9	110	0.00
91 M	Naphthalene	20.000	15.754	21.2	92	0.00
92	1,2,3-Trichlorobenzene	20.000	17.323	13.4	96	0.00

(#) = Out of Range

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