

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051223\
 Data File : VN077665.D
 Acq On : 12 May 2023 11:01
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: May 15 01:36:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N050823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue May 09 05:58:09 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	93	0.00
2 M	Dichlorodifluoromethane	20.000	18.105	9.5	85	-0.01
3 M	Chloromethane	20.000	18.903	5.5	93	-0.01
4 M	Vinyl Chloride	20.000	16.272	18.6	81	-0.01
5 M	Bromomethane	20.000	18.693	6.5	93	0.00
6 M	Chloroethane	20.000	14.901	25.5#	77	0.00
7 M	Trichlorofluoromethane	20.000	18.587	7.1	87	0.00
8 T	Diethyl Ether	20.000	20.149	-0.7	103	-0.01
9	1,1,2-Trichlorotrifluoroeth	20.000	19.550	2.2	100	0.00
10 M	1,1-Dichloroethene	20.000	19.543	2.3	100	0.00
11	Methyl Iodide	20.000	18.490	7.6	94	-0.01
12	Methyl Acetate	20.000	22.860	-14.3	111	-0.02
13 M	Acrolein	100.000	110.124	-10.1	114	-0.02
14 M	Acrylonitrile	100.000	111.723	-11.7	108	-0.01
15 M	Acetone	100.000	115.621	-15.6	113	-0.01
16 M	Carbon Disulfide	20.000	18.065	9.7	95	0.00
17	Allyl chloride	20.000	19.983	0.1	102	0.00
18 M	Methylene Chloride	20.000	18.488	7.6	95	-0.02
19 M	trans-1,2-Dichloroethene	20.000	19.426	2.9	96	0.00
20 T	Diisopropyl ether	20.000	19.793	1.0	93	-0.01
21 M	1,1-Dichloroethane	20.000	19.065	4.7	93	-0.01
22 M	cis-1,2-Dichloroethene	20.000	18.948	5.3	92	-0.01
23 M	tert-Butyl Alcohol	100.000	105.501	-5.5	100	-0.02
24 M	Methyl tert-Butyl Ether	20.000	18.810	6.0	90	-0.01
25 M	Chloroform	20.000	18.819	5.9	90	0.00
26	Cyclohexane	20.000	18.086	9.6	88	0.00
27 s	1,2-Dichloroethane-d4	30.000	28.616	4.6	89	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	98	0.00
29	1,1-Dichloropropene	20.000	18.191	9.0	91	0.00
30 M	2-Butanone	100.000	121.574	-21.6	115	-0.01
31	2,2-Dichloropropane	20.000	16.719	16.4	84	0.00
32 M	1,1,1-Trichloroethane	20.000	17.863	10.7	90	0.00
33 M	Carbon Tetrachloride	20.000	18.672	6.6	92	0.00
34 M	Benzene	20.000	18.942	5.3	93	0.00
35	Methacrylonitrile	20.000	21.431	-7.2	96	0.00
36 M	1,2-Dichloroethane	20.000	18.565	7.2	91	0.00
37 M	Trichloroethene	20.000	19.999	0.0	101	0.00
38	Methylcyclohexane	20.000	17.380	13.1	88	0.00
39 M	1,2-Dichloropropane	20.000	18.336	8.3	89	0.00
40	Dibromomethane	20.000	18.582	7.1	91	0.00
41 M	Bromodichloromethane	20.000	17.795	11.0	87	0.00
42 M	Vinyl Acetate	100.000	86.169	13.8	83	0.00
43	Ethyl Acetate	20.000	21.665	-8.3	106	0.00
44	Isopropyl Acetate	20.000	19.796	1.0	96	0.00
45 T	1,4-Dioxane	400.000	384.608	3.8	98	0.00
46	Methyl methacrylate	20.000	21.614	-8.1	98	0.00
47	n-amyl Acetate	20.000	18.181	9.1	87	0.00
48 M	t-1,3-Dichloropropene	20.000	16.649	16.8	83	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051223\
 Data File : VN077665.D
 Acq On : 12 May 2023 11:01
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: May 15 01:36:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N050823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue May 09 05:58:09 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)
49 T	cis-1,3-Dichloropropene	20.000	17.253	13.7	86	0.00
50 M	1,1,2-Trichloroethane	20.000	19.141	4.3	93	0.00
51	Ethyl methacrylate	20.000	19.145	4.3	93	0.00
52	1,3-Dichloropropane	20.000	18.481	7.6	91	0.00
53 M	Dibromochloromethane	20.000	19.014	4.9	91	0.00
54 M	1,2-Dibromoethane	20.000	19.601	2.0	94	0.00
55 M	2-Chloroethyl vinyl ether	100.000	96.147	3.9	89	0.00
56 M	Bromoform	20.000	22.125	-10.6	108	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	94	0.00
58 M	4-Methyl-2-Pentanone	100.000	113.206	-13.2	104	0.00
59 M	2-Hexanone	100.000	114.232	-14.2	107	0.00
60 S	4-Bromofluorobenzene	30.000	28.679	4.4	91	0.00
61 M	Tetrachloroethene	20.000	21.977	-9.9	107	0.00
62 M	Toluene	20.000	18.671	6.6	92	0.00
63 S	Toluene-d8	30.000	29.052	3.2	92	0.00
64 M	Chlorobenzene	20.000	19.352	3.2	95	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.107	-0.5	94	0.00
66 M	Ethyl Benzene	20.000	18.406	8.0	89	0.00
67 M	m/p-Xylenes	40.000	37.845	5.4	92	0.00
68 M	o-Xylene	20.000	18.831	5.8	91	0.00
69 M	Styrene	20.000	18.538	7.3	91	0.00
70	Isopropylbenzene	20.000	18.534	7.3	90	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.346	3.3	94	0.00
72	1,2,3-Trichloropropane	20.000	19.091	4.5	90	0.00
73	Bromobenzene	20.000	21.568	-7.8	106	0.00
74	n-propylbenzene	20.000	18.309	8.5	92	0.00
75	2-Chlorotoluene	20.000	18.319	8.4	90	0.00
76	1,3,5-Trimethylbenzene	20.000	17.343	13.3	86	0.00
77	t-1,4-Dichloro-2-butene	20.000	15.801	21.0	77	0.00
78	4-Chlorotoluene	20.000	18.099	9.5	90	0.00
79	tert-butylbenzene	20.000	19.260	3.7	96	0.00
80	1,2,4-Trimethylbenzene	20.000	15.947	20.3	82	0.00
81	sec-Butylbenzene	20.000	18.799	6.0	97	0.00
82	p-Isopropyltoluene	20.000	17.891	10.5	92	0.00
83 M	1,3-Dichlorobenzene	20.000	20.242	-1.2	103	0.00
84 M	1,4-Dichlorobenzene	20.000	19.735	1.3	102	0.00
85	n-Butylbenzene	20.000	15.284	23.6	86	0.00
86 T	Hexachloroethane	20.000	17.630	11.9	89	0.00
87 M	1,2-Dichlorobenzene	20.000	20.414	-2.1	102	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	17.207	14.0	84	0.00
89	1,2,4-Trichlorobenzene	20.000	12.912	35.4#	75	0.00
90	Hexachlorobutadiene	20.000	26.412	-32.1#	152	0.00
91 M	Naphthalene	20.000	10.545	47.3#	61	0.00
92	1,2,3-Trichlorobenzene	20.000	12.206	39.0#	71	0.00

(#) = Out of Range

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