

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021723\
 Data File : VN076729.D
 Acq On : 17 Feb 2023 12:29
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Feb 18 02:04:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N021523W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Feb 16 01:08:46 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	88	0.00
2 M	Dichlorodifluoromethane	20.000	20.940	-4.7	89	0.00
3 M	Chloromethane	20.000	20.454	-2.3	89	0.00
4 M	Vinyl Chloride	20.000	21.328	-6.6	93	0.00
5 M	Bromomethane	20.000	19.567	2.2	92	0.00
6 M	Chloroethane	20.000	21.925	-9.6	95	0.00
7 M	Trichlorofluoromethane	20.000	20.174	-0.9	89	-0.01
8 T	Diethyl Ether	20.000	20.493	-2.5	93	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.163	-0.8	90	0.00
10 M	1,1-Dichloroethene	20.000	19.672	1.6	89	0.00
11	Methyl Iodide	20.000	22.896	-14.5	95	0.00
12	Methyl Acetate	20.000	21.330	-6.6	95	0.00
13 M	Acrolein	100.000	97.497	2.5	93	0.00
14 M	Acrylonitrile	100.000	105.967	-6.0	93	0.00
15 M	Acetone	100.000	106.773	-6.8	86	0.00
16 M	Carbon Disulfide	20.000	19.368	3.2	87	0.00
17	Allyl chloride	20.000	19.584	2.1	90	0.00
18 M	Methylene Chloride	20.000	20.392	-2.0	91	0.00
19 M	trans-1,2-Dichloroethene	20.000	20.208	-1.0	96	0.00
20 T	Diisopropyl ether	20.000	20.413	-2.1	89	0.00
21 M	1,1-Dichloroethane	20.000	20.363	-1.8	90	0.00
22 M	cis-1,2-Dichloroethene	20.000	21.151	-5.8	93	0.00
23 M	tert-Butyl Alcohol	100.000	106.946	-6.9	91	-0.01
24 M	Methyl tert-Butyl Ether	20.000	20.840	-4.2	92	0.00
25 M	Chloroform	20.000	20.999	-5.0	91	0.00
26	Cyclohexane	20.000	20.550	-2.8	88	0.00
27 s	1,2-Dichloroethane-d4	30.000	31.472	-4.9	92	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	92	0.00
29	1,1-Dichloropropene	20.000	20.001	-0.0	91	0.00
30 M	2-Butanone	100.000	105.081	-5.1	91	0.00
31	2,2-Dichloropropane	20.000	20.269	-1.3	92	0.00
32 M	1,1,1-Trichloroethane	20.000	19.592	2.0	91	0.00
33 M	Carbon Tetrachloride	20.000	19.146	4.3	87	0.00
34 M	Benzene	20.000	19.947	0.3	90	0.00
35	Methacrylonitrile	20.000	19.133	4.3	88	0.00
36 M	1,2-Dichloroethane	20.000	21.003	-5.0	93	0.01
37 M	Trichloroethene	20.000	19.501	2.5	92	0.00
38	Methylcyclohexane	20.000	19.556	2.2	88	0.00
39 M	1,2-Dichloropropane	20.000	20.784	-3.9	96	0.00
40	Dibromomethane	20.000	20.280	-1.4	91	0.00
41 M	Bromodichloromethane	20.000	19.744	1.3	89	0.00
42 M	Vinyl Acetate	100.000	100.451	-0.5	92	0.00
43	Ethyl Acetate	20.000	19.673	1.6	88	0.00
44	Isopropyl Acetate	20.000	20.908	-4.5	92	0.00
45 T	1,4-Dioxane	400.000	419.502	-4.9	97	0.00
46	Methyl methacrylate	20.000	21.434	-7.2	96	0.00
47	n-amyl Acetate	20.000	20.430	-2.1	92	0.00
48 M	t-1,3-Dichloropropene	20.000	19.778	1.1	89	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021723\
 Data File : VN076729.D
 Acq On : 17 Feb 2023 12:29
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Feb 18 02:04:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N021523W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Feb 16 01:08:46 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	19.641	1.8	90	0.00
50 M	1,1,2-Trichloroethane	20.000	19.753	1.2	88	0.00
51	Ethyl methacrylate	20.000	20.586	-2.9	92	0.00
52	1,3-Dichloropropane	20.000	20.237	-1.2	91	0.00
53 M	Dibromochloromethane	20.000	19.491	2.5	89	0.00
54 M	1,2-Dibromoethane	20.000	19.713	1.4	89	0.00
55 M	2-Chloroethyl vinyl ether	100.000	98.124	1.9	92	0.00
56 M	Bromoform	20.000	18.658	6.7	87	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	92	0.00
58 M	4-Methyl-2-Pentanone	100.000	107.282	-7.3	93	0.00
59 M	2-Hexanone	100.000	109.546	-9.5	94	0.00
60 S	4-Bromofluorobenzene	30.000	31.034	-3.4	93	0.00
61 M	Tetrachloroethene	20.000	19.202	4.0	91	0.00
62 M	Toluene	20.000	20.444	-2.2	91	0.00
63 S	Toluene-d8	30.000	30.394	-1.3	91	0.00
64 M	Chlorobenzene	20.000	20.100	-0.5	92	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.721	1.4	90	0.00
66 M	Ethyl Benzene	20.000	20.535	-2.7	92	0.00
67 M	m/p-Xylenes	40.000	41.276	-3.2	90	0.00
68 M	o-Xylene	20.000	20.761	-3.8	92	0.00
69 M	Styrene	20.000	20.976	-4.9	93	0.00
70	Isopropylbenzene	20.000	20.537	-2.7	89	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	21.494	-7.5	95	0.00
72	1,2,3-Trichloropropane	20.000	21.101	-5.5	90	0.00
73	Bromobenzene	20.000	19.889	0.6	87	0.00
74	n-propylbenzene	20.000	20.987	-4.9	92	0.00
75	2-Chlorotoluene	20.000	21.225	-6.1	93	0.00
76	1,3,5-Trimethylbenzene	20.000	21.379	-6.9	94	0.00
77	t-1,4-Dichloro-2-butene	20.000	20.040	-0.2	91	0.00
78	4-Chlorotoluene	20.000	21.042	-5.2	92	0.00
79	tert-butylbenzene	20.000	21.519	-7.6	94	0.00
80	1,2,4-Trimethylbenzene	20.000	21.868	-9.3	95	0.00
81	sec-Butylbenzene	20.000	21.365	-6.8	92	0.00
82	p-Isopropyltoluene	20.000	21.293	-6.5	92	0.00
83 M	1,3-Dichlorobenzene	20.000	20.823	-4.1	94	0.00
84 M	1,4-Dichlorobenzene	20.000	21.017	-5.1	93	0.00
85	n-Butylbenzene	20.000	21.018	-5.1	94	0.00
86 T	Hexachloroethane	20.000	19.407	3.0	86	0.00
87 M	1,2-Dichlorobenzene	20.000	20.636	-3.2	93	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	20.441	-2.2	87	0.00
89	1,2,4-Trichlorobenzene	20.000	19.250	3.8	91	0.00
90	Hexachlorobutadiene	20.000	19.014	4.9	90	0.00
91 M	Naphthalene	20.000	19.206	4.0	88	0.00
92	1,2,3-Trichlorobenzene	20.000	19.340	3.3	92	0.00

(#) = Out of Range

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