

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081123\
 Data File : VN078853.D
 Acq On : 11 Aug 2023 09:23
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Aug 12 01:38:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 09 05:05:47 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	90	0.00
2 M	Dichlorodifluoromethane	20.000	19.681	1.6	83	0.00
3 M	Chloromethane	20.000	21.599	-8.0	91	0.00
4 M	Vinyl Chloride	20.000	21.349	-6.7	94	0.00
5 M	Bromomethane	20.000	19.319	3.4	84	0.00
6 M	Chloroethane	20.000	19.869	0.7	87	0.00
7 M	Trichlorofluoromethane	20.000	20.031	-0.2	84	0.00
8 T	Diethyl Ether	20.000	21.395	-7.0	91	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.614	-3.1	86	0.01
10 M	1,1-Dichloroethene	20.000	20.214	-1.1	87	0.00
11	Methyl Iodide	20.000	20.166	-0.8	86	0.00
12	Methyl Acetate	20.000	19.658	1.7	83	0.00
13 M	Acrolein	100.000	94.744	5.3	87	0.00
14 M	Acrylonitrile	100.000	96.067	3.9	80	0.00
15 M	Acetone	100.000	145.399	-45.4#	123	0.00
16 M	Carbon Disulfide	20.000	20.130	-0.6	84	0.00
17	Allyl chloride	20.000	19.846	0.8	92	-0.01
18 M	Methylene Chloride	20.000	22.424	-12.1	95	0.00
19 M	trans-1,2-Dichloroethene	20.000	20.479	-2.4	89	0.00
20 T	Diisopropyl ether	20.000	21.096	-5.5	91	0.00
21 M	1,1-Dichloroethane	20.000	21.294	-6.5	92	0.00
22 M	cis-1,2-Dichloroethene	20.000	20.894	-4.5	87	0.00
23 M	tert-Butyl Alcohol	100.000	84.646	15.4	74	0.00
24 M	Methyl tert-Butyl Ether	20.000	20.073	-0.4	86	0.00
25 M	Chloroform	20.000	20.965	-4.8	91	0.00
26	Cyclohexane	20.000	20.550	-2.8	91	0.00
27 s	1,2-Dichloroethane-d4	30.000	32.706	-9.0	95	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	88	0.00
29	1,1-Dichloropropene	20.000	20.343	-1.7	88	0.00
30 M	2-Butanone	100.000	109.135	-9.1	97	0.00
31	2,2-Dichloropropane	20.000	22.932	-14.7	99	0.00
32 M	1,1,1-Trichloroethane	20.000	20.729	-3.6	94	0.00
33 M	Carbon Tetrachloride	20.000	20.195	-1.0	87	0.00
34 M	Benzene	20.000	20.663	-3.3	92	0.00
35	Methacrylonitrile	20.000	18.645	6.8	83	0.00
36 M	1,2-Dichloroethane	20.000	21.287	-6.4	94	0.00
37 M	Trichloroethene	20.000	21.218	-6.1	93	0.00
38	Methylcyclohexane	20.000	19.493	2.5	83	0.00
39 M	1,2-Dichloropropane	20.000	20.714	-3.6	90	0.00
40	Dibromomethane	20.000	21.097	-5.5	95	0.00
41 M	Bromodichloromethane	20.000	20.209	-1.0	87	0.00
42 M	Vinyl Acetate	100.000	100.630	-0.6	88	0.00
43	Ethyl Acetate	20.000	20.981	-4.9	84	-0.01
44	Isopropyl Acetate	20.000	20.565	-2.8	93	0.00
45 T	1,4-Dioxane	400.000	372.966	6.8	76	0.00
46	Methyl methacrylate	20.000	20.883	-4.4	93	0.00
47	n-amyl Acetate	20.000	19.508	2.5	84	0.00
48 M	t-1,3-Dichloropropene	20.000	20.329	-1.6	89	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081123\
 Data File : VN078853.D
 Acq On : 11 Aug 2023 09:23
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Aug 12 01:38:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 09 05:05:47 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	20.271	-1.4	88	0.00
50 M	1,1,2-Trichloroethane	20.000	19.985	0.1	88	0.00
51	Ethyl methacrylate	20.000	19.538	2.3	88	0.00
52	1,3-Dichloropropane	20.000	21.236	-6.2	93	0.00
53 M	Dibromochloromethane	20.000	20.828	-4.1	94	0.00
54 M	1,2-Dibromoethane	20.000	20.361	-1.8	90	0.00
55 M	2-Chloroethyl vinyl ether	100.000	103.535	-3.5	93	0.00
56 M	Bromoform	20.000	20.602	-3.0	91	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	92	0.00
58 M	4-Methyl-2-Pentanone	100.000	99.752	0.2	88	0.00
59 M	2-Hexanone	100.000	101.668	-1.7	88	0.00
60 S	4-Bromofluorobenzene	30.000	30.748	-2.5	90	0.00
61 M	Tetrachloroethene	20.000	19.241	3.8	86	0.00
62 M	Toluene	20.000	20.759	-3.8	92	0.00
63 S	Toluene-d8	30.000	30.849	-2.8	92	0.00
64 M	Chlorobenzene	20.000	19.923	0.4	89	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.600	-3.0	92	0.00
66 M	Ethyl Benzene	20.000	19.807	1.0	85	0.00
67 M	m/p-Xylenes	40.000	42.126	-5.3	93	0.00
68 M	o-Xylene	20.000	20.619	-3.1	89	0.00
69 M	Styrene	20.000	21.350	-6.8	94	0.00
70	Isopropylbenzene	20.000	20.130	-0.6	89	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.647	-3.2	90	0.00
72	1,2,3-Trichloropropane	20.000	19.265	3.7	89	0.00
73	Bromobenzene	20.000	18.697	6.5	83	0.00
74	n-propylbenzene	20.000	20.999	-5.0	90	0.00
75	2-Chlorotoluene	20.000	20.577	-2.9	88	0.00
76	1,3,5-Trimethylbenzene	20.000	20.811	-4.1	88	0.00
77	t-1,4-Dichloro-2-butene	20.000	20.391	-2.0	88	0.00
78	4-Chlorotoluene	20.000	20.538	-2.7	88	0.00
79	tert-butylbenzene	20.000	20.233	-1.2	85	0.00
80	1,2,4-Trimethylbenzene	20.000	21.054	-5.3	90	0.00
81	sec-Butylbenzene	20.000	20.666	-3.3	87	0.00
82	p-Isopropyltoluene	20.000	19.656	1.7	84	0.00
83 M	1,3-Dichlorobenzene	20.000	20.189	-0.9	85	0.00
84 M	1,4-Dichlorobenzene	20.000	20.154	-0.8	86	0.00
85	n-Butylbenzene	20.000	19.009	5.0	82	0.00
86 T	Hexachloroethane	20.000	21.148	-5.7	93	0.00
87 M	1,2-Dichlorobenzene	20.000	19.974	0.1	84	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	19.403	3.0	86	0.00
89	1,2,4-Trichlorobenzene	20.000	14.320	28.4#	60	0.00
90	Hexachlorobutadiene	20.000	17.877	10.6	75	0.00
91 M	Naphthalene	20.000	12.253	38.7#	53	0.00
92	1,2,3-Trichlorobenzene	20.000	16.441	17.8	69	0.00

(#) = Out of Range

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