

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082823\
 Data File : VN079057.D
 Acq On : 28 Aug 2023 10:35
 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 29 05:18:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N081723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Aug 18 05:21:14 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	99	0.00
2 M	Dichlorodifluoromethane	20.000	21.090	-5.4	104	0.00
3 M	Chloromethane	20.000	20.944	-4.7	102	0.00
4 M	Vinyl Chloride	20.000	20.686	-3.4	101	0.00
5 M	Bromomethane	20.000	22.641	-13.2	114	-0.02
6 M	Chloroethane	20.000	19.998	0.0	101	-0.01
7 M	Trichlorofluoromethane	20.000	22.447	-12.2	114	0.00
8 T	Diethyl Ether	20.000	22.112	-10.6	107	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	23.646	-18.2	116	0.00
10 M	1,1-Dichloroethene	20.000	21.779	-8.9	104	0.00
11	Methyl Iodide	20.000	21.694	-8.5	106	-0.01
12	Methyl Acetate	20.000	21.733	-8.7	105	0.00
13 M	Acrolein	100.000	82.673	17.3	85	0.00
14 M	Acrylonitrile	100.000	106.966	-7.0	102	-0.02
15 M	Acetone	100.000	155.282	-55.3#	155	0.00
16 M	Carbon Disulfide	20.000	20.596	-3.0	99	0.00
17	Allyl chloride	20.000	20.630	-3.1	101	0.00
18 M	Methylene Chloride	20.000	22.713	-13.6	110	0.00
19 M	trans-1,2-Dichloroethene	20.000	22.057	-10.3	111	0.00
20 T	Diisopropyl ether	20.000	21.131	-5.7	101	0.00
21 M	1,1-Dichloroethane	20.000	20.807	-4.0	101	0.00
22 M	cis-1,2-Dichloroethene	20.000	21.917	-9.6	102	0.00
23 M	tert-Butyl Alcohol	100.000	107.994	-8.0	101	0.00
24 M	Methyl tert-Butyl Ether	20.000	22.248	-11.2	105	0.00
25 M	Chloroform	20.000	21.346	-6.7	105	0.00
26	Cyclohexane	20.000	23.124	-15.6	111	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.034	-0.1	99	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	103	0.00
29	1,1-Dichloropropene	20.000	21.175	-5.9	104	0.00
30 M	2-Butanone	100.000	109.057	-9.1	112	0.00
31	2,2-Dichloropropane	20.000	21.034	-5.2	105	0.00
32 M	1,1,1-Trichloroethane	20.000	20.664	-3.3	104	0.00
33 M	Carbon Tetrachloride	20.000	20.884	-4.4	104	0.00
34 M	Benzene	20.000	20.426	-2.1	102	0.00
35	Methacrylonitrile	20.000	19.784	1.1	97	0.00
36 M	1,2-Dichloroethane	20.000	19.725	1.4	101	0.00
37 M	Trichloroethene	20.000	21.231	-6.2	110	0.00
38	Methylcyclohexane	20.000	23.939	-19.7	120	0.00
39 M	1,2-Dichloropropane	20.000	20.140	-0.7	104	0.00
40	Dibromomethane	20.000	19.783	1.1	100	0.00
41 M	Bromodichloromethane	20.000	19.952	0.2	100	0.00
42 M	Vinyl Acetate	100.000	96.467	3.5	95	0.00
43	Ethyl Acetate	20.000	19.758	1.2	103	0.00
44	Isopropyl Acetate	20.000	18.134	9.3	90	0.00
45 T	1,4-Dioxane	400.000	369.610	7.6	93	0.00
46	Methyl methacrylate	20.000	19.764	1.2	97	0.00
47	n-amyl Acetate	20.000	18.559	7.2	90	0.00
48 M	t-1,3-Dichloropropene	20.000	20.555	-2.8	104	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082823\
 Data File : VN079057.D
 Acq On : 28 Aug 2023 10:35
 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 29 05:18:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N081723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Aug 18 05:21:14 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	19.834	0.8	100	0.00
50 M	1,1,2-Trichloroethane	20.000	20.711	-3.6	102	0.00
51	Ethyl methacrylate	20.000	19.638	1.8	96	0.00
52	1,3-Dichloropropane	20.000	20.499	-2.5	103	0.00
53 M	Dibromochloromethane	20.000	19.884	0.6	103	0.00
54 M	1,2-Dibromoethane	20.000	20.532	-2.7	103	0.00
55 M	2-Chloroethyl vinyl ether	100.000	62.448	37.6#	67	0.00
56 M	Bromoform	20.000	19.964	0.2	102	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	100	0.00
58 M	4-Methyl-2-Pentanone	100.000	97.388	2.6	99	0.00
59 M	2-Hexanone	100.000	102.732	-2.7	103	0.00
60 S	4-Bromofluorobenzene	30.000	29.700	1.0	100	0.00
61 M	Tetrachloroethene	20.000	22.805	-14.0	114	0.00
62 M	Toluene	20.000	20.666	-3.3	103	0.00
63 S	Toluene-d8	30.000	29.461	1.8	99	0.00
64 M	Chlorobenzene	20.000	20.851	-4.3	104	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.102	-0.5	100	0.00
66 M	Ethyl Benzene	20.000	21.002	-5.0	106	0.00
67 M	m/p-Xylenes	40.000	43.405	-8.5	107	0.00
68 M	o-Xylene	20.000	21.707	-8.5	109	0.00
69 M	Styrene	20.000	20.903	-4.5	103	0.00
70	Isopropylbenzene	20.000	22.497	-12.5	112	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.009	5.0	95	0.00
72	1,2,3-Trichloropropane	20.000	18.913	5.4	98	0.00
73	Bromobenzene	20.000	20.533	-2.7	103	0.00
74	n-propylbenzene	20.000	22.605	-13.0	111	0.00
75	2-Chlorotoluene	20.000	21.727	-8.6	108	0.00
76	1,3,5-Trimethylbenzene	20.000	23.148	-15.7	115	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.861	5.7	95	0.00
78	4-Chlorotoluene	20.000	21.629	-8.1	107	0.00
79	tert-butylbenzene	20.000	23.053	-15.3	117	0.00
80	1,2,4-Trimethylbenzene	20.000	23.314	-16.6	115	0.00
81	sec-Butylbenzene	20.000	24.374	-21.9	119	0.00
82	p-Isopropyltoluene	20.000	24.956	-24.8	119	0.00
83 M	1,3-Dichlorobenzene	20.000	22.134	-10.7	113	0.00
84 M	1,4-Dichlorobenzene	20.000	21.178	-5.9	103	0.00
85	n-Butylbenzene	20.000	25.259	-26.3#	123	0.00
86 T	Hexachloroethane	20.000	23.166	-15.8	118	0.00
87 M	1,2-Dichlorobenzene	20.000	20.789	-3.9	102	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	18.517	7.4	87	0.00
89	1,2,4-Trichlorobenzene	20.000	21.665	-8.3	102	0.00
90	Hexachlorobutadiene	20.000	25.014	-25.1#	114	0.00
91 M	Naphthalene	20.000	19.399	3.0	91	0.00
92	1,2,3-Trichlorobenzene	20.000	21.665	-8.3	102	0.00

(#) = Out of Range

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