

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111023\
 Data File : VN080053.D
 Acq On : 10 Nov 2023 16:31
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Nov 10 23:58:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N110823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Nov 09 04:02:05 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	108	0.00
2 M	Dichlorodifluoromethane	20.000	24.649	-23.2	127	0.00
3 M	Chloromethane	20.000	21.302	-6.5	112	0.00
4 M	Vinyl Chloride	20.000	24.427	-22.1	135	0.00
5 M	Bromomethane	20.000	22.043	-10.2	123	0.00
6 M	Chloroethane	20.000	24.563	-22.8	145	0.00
7 M	Trichlorofluoromethane	20.000	22.968	-14.8	129	0.00
8 T	Diethyl Ether	20.000	23.406	-17.0	126	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	23.021	-15.1	128	-0.01
10 M	1,1-Dichloroethene	20.000	25.102	-25.5#	126	0.00
11	Methyl Iodide	20.000	21.437	-7.2	112	0.00
12	Methyl Acetate	20.000	20.809	-4.0	110	0.00
13 M	Acrolein	100.000	97.321	2.7	116	0.00
14 M	Acrylonitrile	100.000	111.546	-11.5	118	0.00
15 M	Acetone	100.000	82.645	17.4	86	-0.01
16 M	Carbon Disulfide	20.000	21.398	-7.0	107	0.00
17	Allyl chloride	20.000	21.409	-7.0	117	0.00
18 M	Methylene Chloride	20.000	22.870	-14.4	125	0.00
19 M	trans-1,2-Dichloroethene	20.000	22.931	-14.7	121	0.00
20 T	Diisopropyl ether	20.000	20.849	-4.2	108	-0.01
21 M	1,1-Dichloroethane	20.000	21.132	-5.7	111	0.00
22 M	cis-1,2-Dichloroethene	20.000	20.682	-3.4	110	0.00
23 M	tert-Butyl Alcohol	100.000	97.822	2.2	102	0.00
24 M	Methyl tert-Butyl Ether	20.000	23.099	-15.5	120	0.00
25 M	Chloroform	20.000	21.457	-7.3	113	0.00
26	Cyclohexane	20.000	19.732	1.3	105	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.759	-2.5	110	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	110	0.00
29	1,1-Dichloropropene	20.000	20.488	-2.4	110	0.00
30 M	2-Butanone	100.000	87.545	12.5	95	0.00
31	2,2-Dichloropropane	20.000	20.769	-3.8	112	0.00
32 M	1,1,1-Trichloroethane	20.000	21.204	-6.0	116	0.00
33 M	Carbon Tetrachloride	20.000	21.166	-5.8	115	0.00
34 M	Benzene	20.000	20.479	-2.4	110	0.00
35	Methacrylonitrile	20.000	19.559	2.2	107	0.00
36 M	1,2-Dichloroethane	20.000	20.900	-4.5	113	0.00
37 M	Trichloroethene	20.000	20.818	-4.1	113	0.00
38	Methylcyclohexane	20.000	19.966	0.2	109	0.00
39 M	1,2-Dichloropropane	20.000	20.556	-2.8	110	0.00
40	Dibromomethane	20.000	20.950	-4.7	114	0.00
41 M	Bromodichloromethane	20.000	22.539	-12.7	124	0.00
42 M	Vinyl Acetate	100.000	98.763	1.2	107	0.00
43	Ethyl Acetate	20.000	19.248	3.8	97	0.00
44	Isopropyl Acetate	20.000	19.865	0.7	108	0.00
45 T	1,4-Dioxane	400.000	395.019	1.2	105	-0.01
46	Methyl methacrylate	20.000	20.296	-1.5	109	0.00
47	n-amyl Acetate	20.000	16.981	15.1	92	0.00
48 M	t-1,3-Dichloropropene	20.000	22.542	-12.7	122	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111023\
 Data File : VN080053.D
 Acq On : 10 Nov 2023 16:31
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Nov 10 23:58:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N110823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Nov 09 04:02:05 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	23.266	-16.3	125	0.00
50 M	1,1,2-Trichloroethane	20.000	21.173	-5.9	115	0.00
51	Ethyl methacrylate	20.000	21.000	-5.0	113	0.00
52	1,3-Dichloropropane	20.000	21.428	-7.1	114	0.00
53 M	Dibromochloromethane	20.000	21.712	-8.6	117	0.00
54 M	1,2-Dibromoethane	20.000	23.116	-15.6	126	0.00
55 M	2-Chloroethyl vinyl ether	100.000	121.565	-21.6	129	0.00
56 M	Bromoform	20.000	18.635	6.8	101	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	122	0.00
58 M	4-Methyl-2-Pentanone	100.000	98.122	1.9	116	0.00
59 M	2-Hexanone	100.000	80.121	19.9	93	0.00
60 S	4-Bromofluorobenzene	30.000	25.227	15.9	103	0.00
61 M	Tetrachloroethene	20.000	21.149	-5.7	128	0.00
62 M	Toluene	20.000	20.884	-4.4	125	0.00
63 S	Toluene-d8	30.000	27.602	8.0	110	0.00
64 M	Chlorobenzene	20.000	20.508	-2.5	123	0.00
65	1,1,1,2-Tetrachloroethane	20.000	21.196	-6.0	126	0.00
66 M	Ethyl Benzene	20.000	20.832	-4.2	125	0.00
67 M	m/p-Xylenes	40.000	34.217	14.5	100	0.00
68 M	o-Xylene	20.000	17.032	14.8	102	0.00
69 M	Styrene	20.000	17.294	13.5	102	0.00
70	Isopropylbenzene	20.000	17.351	13.2	104	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	15.880	20.6	95	0.00
72	1,2,3-Trichloropropane	20.000	15.696	21.5	97	0.00
73	Bromobenzene	20.000	17.165	14.2	105	0.00
74	n-propylbenzene	20.000	16.837	15.8	101	0.00
75	2-Chlorotoluene	20.000	17.024	14.9	102	0.00
76	1,3,5-Trimethylbenzene	20.000	18.008	10.0	107	0.00
77	t-1,4-Dichloro-2-butene	20.000	16.100	19.5	100	0.00
78	4-Chlorotoluene	20.000	17.245	13.8	104	0.00
79	tert-butylbenzene	20.000	17.928	10.4	107	0.00
80	1,2,4-Trimethylbenzene	20.000	18.145	9.3	108	0.00
81	sec-Butylbenzene	20.000	17.669	11.7	106	0.00
82	p-Isopropyltoluene	20.000	18.311	8.4	109	0.00
83 M	1,3-Dichlorobenzene	20.000	17.239	13.8	102	0.00
84 M	1,4-Dichlorobenzene	20.000	17.291	13.5	105	0.00
85	n-Butylbenzene	20.000	17.656	11.7	109	0.00
86 T	Hexachloroethane	20.000	17.170	14.1	106	0.00
87 M	1,2-Dichlorobenzene	20.000	17.201	14.0	103	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	16.736	16.3	100	0.00
89	1,2,4-Trichlorobenzene	20.000	17.508	12.5	104	0.00
90	Hexachlorobutadiene	20.000	19.387	3.1	117	0.00
91 M	Naphthalene	20.000	17.170	14.1	102	0.00
92	1,2,3-Trichlorobenzene	20.000	17.508	12.5	104	0.00

(#) = Out of Range

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