

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080923\
 Data File : VN078823.D
 Acq On : 09 Aug 2023 16:48
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Aug 10 05:30:49 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	107	0.00
2 M	Dichlorodifluoromethane	20.000	19.885	0.6	101	0.00
3 M	Chloromethane	20.000	19.996	0.0	101	0.00
4 M	Vinyl Chloride	20.000	20.594	-3.0	109	0.00
5 M	Bromomethane	20.000	18.764	6.2	98	-0.01
6 M	Chloroethane	20.000	18.821	5.9	99	0.00
7 M	Trichlorofluoromethane	20.000	20.504	-2.5	103	0.00
8 T	Diethyl Ether	20.000	20.052	-0.3	103	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.218	-1.1	101	0.00
10 M	1,1-Dichloroethene	20.000	19.828	0.9	102	0.00
11	Methyl Iodide	20.000	19.380	3.1	99	-0.01
12	Methyl Acetate	20.000	18.980	5.1	96	0.00
13 M	Acrolein	100.000	82.853	17.1	91	0.00
14 M	Acrylonitrile	100.000	97.999	2.0	98	0.00
15 M	Acetone	100.000	122.471	-22.5	124	0.00
16 M	Carbon Disulfide	20.000	20.352	-1.8	102	0.00
17	Allyl chloride	20.000	19.571	2.1	109	0.00
18 M	Methylene Chloride	20.000	19.163	4.2	98	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.795	1.0	103	0.00
20 T	Diisopropyl ether	20.000	20.520	-2.6	106	0.00
21 M	1,1-Dichloroethane	20.000	20.051	-0.3	104	0.00
22 M	cis-1,2-Dichloroethene	20.000	20.524	-2.6	102	0.02
23 M	tert-Butyl Alcohol	100.000	87.720	12.3	92	0.00
24 M	Methyl tert-Butyl Ether	20.000	20.083	-0.4	103	0.00
25 M	Chloroform	20.000	20.221	-1.1	105	0.00
26	Cyclohexane	20.000	20.181	-0.9	108	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.000	0.0	105	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	102	0.00
29	1,1-Dichloropropene	20.000	20.925	-4.6	104	0.00
30 M	2-Butanone	100.000	108.460	-8.5	111	0.00
31	2,2-Dichloropropane	20.000	22.763	-13.8	114	0.00
32 M	1,1,1-Trichloroethane	20.000	20.574	-2.9	108	-0.01
33 M	Carbon Tetrachloride	20.000	21.434	-7.2	107	0.00
34 M	Benzene	20.000	20.517	-2.6	105	0.00
35	Methacrylonitrile	20.000	19.307	3.5	99	0.00
36 M	1,2-Dichloroethane	20.000	21.518	-7.6	110	0.00
37 M	Trichloroethene	20.000	20.598	-3.0	104	0.00
38	Methylcyclohexane	20.000	19.631	1.8	97	0.00
39 M	1,2-Dichloropropane	20.000	20.900	-4.5	105	0.00
40	Dibromomethane	20.000	19.965	0.2	104	0.00
41 M	Bromodichloromethane	20.000	20.562	-2.8	102	0.00
42 M	Vinyl Acetate	100.000	103.581	-3.6	104	0.00
43	Ethyl Acetate	20.000	21.986	-9.9	102	0.00
44	Isopropyl Acetate	20.000	19.214	3.9	101	0.00
45 T	1,4-Dioxane	400.000	448.888	-12.2	106	0.00
46	Methyl methacrylate	20.000	21.565	-7.8	110	0.00
47	n-amyl Acetate	20.000	19.622	1.9	97	0.00
48 M	t-1,3-Dichloropropene	20.000	20.664	-3.3	104	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	20.062	-0.3	100	0.00
50 M	1,1,2-Trichloroethane	20.000	20.148	-0.7	102	0.00
51	Ethyl methacrylate	20.000	20.663	-3.3	107	0.00
52	1,3-Dichloropropane	20.000	20.806	-4.0	105	0.00
53 M	Dibromochloromethane	20.000	19.762	1.2	103	0.00
54 M	1,2-Dibromoethane	20.000	20.508	-2.5	105	0.00
55 M	2-Chloroethyl vinyl ether	100.000	106.328	-6.3	110	0.00
56 M	Bromoform	20.000	21.876	-9.4	111	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	108	0.00
58 M	4-Methyl-2-Pentanone	100.000	102.002	-2.0	106	0.00
59 M	2-Hexanone	100.000	104.373	-4.4	107	0.00
60 S	4-Bromofluorobenzene	30.000	30.723	-2.4	106	0.00
61 M	Tetrachloroethene	20.000	20.239	-1.2	107	0.00
62 M	Toluene	20.000	20.471	-2.4	106	0.00
63 S	Toluene-d8	30.000	30.020	-0.1	105	0.00
64 M	Chlorobenzene	20.000	20.410	-2.1	107	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.983	0.1	105	0.00
66 M	Ethyl Benzene	20.000	20.087	-0.4	102	0.00
67 M	m/p-Xylenes	40.000	41.928	-4.8	109	0.00
68 M	o-Xylene	20.000	19.678	1.6	101	0.00
69 M	Styrene	20.000	20.475	-2.4	106	0.00
70	Isopropylbenzene	20.000	20.680	-3.4	107	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.829	-4.1	107	0.00
72	1,2,3-Trichloropropane	20.000	21.450	-7.2	117	0.00
73	Bromobenzene	20.000	18.591	7.0	97	0.00
74	n-propylbenzene	20.000	20.366	-1.8	103	0.00
75	2-Chlorotoluene	20.000	20.891	-4.5	106	0.00
76	1,3,5-Trimethylbenzene	20.000	20.521	-2.6	102	0.00
77	t-1,4-Dichloro-2-butene	20.000	20.221	-1.1	102	0.00
78	4-Chlorotoluene	20.000	20.542	-2.7	103	0.00
79	tert-butylbenzene	20.000	20.573	-2.9	102	0.00
80	1,2,4-Trimethylbenzene	20.000	20.203	-1.0	101	0.00
81	sec-Butylbenzene	20.000	20.303	-1.5	101	0.00
82	p-Isopropyltoluene	20.000	19.350	3.2	97	0.00
83 M	1,3-Dichlorobenzene	20.000	20.808	-4.0	103	0.00
84 M	1,4-Dichlorobenzene	20.000	19.310	3.5	97	0.00
85	n-Butylbenzene	20.000	19.347	3.3	98	0.00
86 T	Hexachloroethane	20.000	20.498	-2.5	106	0.00
87 M	1,2-Dichlorobenzene	20.000	19.955	0.2	99	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	20.954	-4.8	110	0.00
89	1,2,4-Trichlorobenzene	20.000	15.267	23.7	76	0.00
90	Hexachlorobutadiene	20.000	18.230	8.8	90	0.00
91 M	Naphthalene	20.000	14.691	26.5#	74	0.00
92	1,2,3-Trichlorobenzene	20.000	16.122	19.4	80	0.00

(#) = Out of Range

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