

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050823\
 Data File : VN077621.D
 Acq On : 08 May 2023 17:06
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: May 09 06:04:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N050823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue May 09 05:58:09 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	98	0.00
2 M	Dichlorodifluoromethane	20.000	18.814	5.9	93	0.00
3 M	Chloromethane	20.000	20.036	-0.2	104	0.00
4 M	Vinyl Chloride	20.000	19.125	4.4	100	0.00
5 M	Bromomethane	20.000	24.702	-23.5	128	0.00
6 M	Chloroethane	20.000	20.792	-4.0	112	0.00
7 M	Trichlorofluoromethane	20.000	17.779	11.1	88	0.00
8 T	Diethyl Ether	20.000	20.531	-2.7	110	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.664	1.7	105	0.00
10 M	1,1-Dichloroethene	20.000	18.892	5.5	101	0.00
11	Methyl Iodide	20.000	19.058	4.7	102	0.00
12	Methyl Acetate	20.000	20.638	-3.2	105	-0.01
13 M	Acrolein	100.000	84.430	15.6	92	0.00
14 M	Acrylonitrile	100.000	101.088	-1.1	103	0.00
15 M	Acetone	100.000	110.932	-10.9	114	0.00
16 M	Carbon Disulfide	20.000	17.930	10.4	99	0.00
17	Allyl chloride	20.000	19.216	3.9	102	0.00
18 M	Methylene Chloride	20.000	19.509	2.5	105	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.604	2.0	102	0.00
20 T	Diisopropyl ether	20.000	19.619	1.9	97	0.00
21 M	1,1-Dichloroethane	20.000	20.145	-0.7	103	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.374	3.1	99	0.00
23 M	tert-Butyl Alcohol	100.000	107.534	-7.5	107	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.475	2.6	98	0.00
25 M	Chloroform	20.000	19.899	0.5	100	0.00
26	Cyclohexane	20.000	19.129	4.4	98	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.774	-2.6	100	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	104	0.00
29	1,1-Dichloropropene	20.000	18.933	5.3	100	0.00
30 M	2-Butanone	100.000	111.046	-11.0	111	0.00
31	2,2-Dichloropropane	20.000	18.386	8.1	98	0.00
32 M	1,1,1-Trichloroethane	20.000	19.677	1.6	105	0.00
33 M	Carbon Tetrachloride	20.000	19.202	4.0	100	0.00
34 M	Benzene	20.000	19.171	4.1	99	0.00
35	Methacrylonitrile	20.000	22.124	-10.6	104	0.00
36 M	1,2-Dichloroethane	20.000	19.738	1.3	102	0.00
37 M	Trichloroethene	20.000	18.757	6.2	99	0.00
38	Methylcyclohexane	20.000	19.330	3.4	104	0.00
39 M	1,2-Dichloropropane	20.000	19.319	3.4	99	0.00
40	Dibromomethane	20.000	18.896	5.5	98	0.00
41 M	Bromodichloromethane	20.000	19.255	3.7	99	0.00
42 M	Vinyl Acetate	100.000	95.616	4.4	97	0.00
43	Ethyl Acetate	20.000	20.627	-3.1	107	0.00
44	Isopropyl Acetate	20.000	19.862	0.7	101	0.00
45 T	1,4-Dioxane	400.000	423.638	-5.9	114	0.00
46	Methyl methacrylate	20.000	20.179	-0.9	97	0.00
47	n-amyl Acetate	20.000	19.754	1.2	99	0.00
48 M	t-1,3-Dichloropropene	20.000	18.758	6.2	99	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	19.183	4.1	101	0.00
50 M	1,1,2-Trichloroethane	20.000	20.179	-0.9	103	0.00
51	Ethyl methacrylate	20.000	19.956	0.2	102	0.00
52	1,3-Dichloropropane	20.000	19.402	3.0	100	0.00
53 M	Dibromochloromethane	20.000	19.358	3.2	98	0.00
54 M	1,2-Dibromoethane	20.000	19.359	3.2	98	0.00
55 M	2-Chloroethyl vinyl ether	100.000	103.186	-3.2	101	0.00
56 M	Bromoform	20.000	19.923	0.4	103	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	100	0.00
58 M	4-Methyl-2-Pentanone	100.000	108.148	-8.1	105	0.00
59 M	2-Hexanone	100.000	108.716	-8.7	108	0.00
60 S	4-Bromofluorobenzene	30.000	29.489	1.7	98	0.00
61 M	Tetrachloroethene	20.000	20.076	-0.4	104	0.00
62 M	Toluene	20.000	19.547	2.3	102	0.00
63 S	Toluene-d8	30.000	29.988	0.0	100	0.00
64 M	Chlorobenzene	20.000	19.381	3.1	101	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.464	2.7	96	0.00
66 M	Ethyl Benzene	20.000	19.664	1.7	101	0.00
67 M	m/p-Xylenes	40.000	39.528	1.2	101	0.00
68 M	o-Xylene	20.000	19.784	1.1	101	0.00
69 M	Styrene	20.000	19.658	1.7	102	0.00
70	Isopropylbenzene	20.000	20.008	-0.0	103	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.350	-1.8	104	0.00
72	1,2,3-Trichloropropane	20.000	21.408	-7.0	107	0.00
73	Bromobenzene	20.000	19.703	1.5	102	0.00
74	n-propylbenzene	20.000	19.687	1.6	104	0.00
75	2-Chlorotoluene	20.000	19.896	0.5	103	0.00
76	1,3,5-Trimethylbenzene	20.000	20.018	-0.1	105	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.834	5.8	97	0.00
78	4-Chlorotoluene	20.000	19.184	4.1	101	0.00
79	tert-butylbenzene	20.000	19.876	0.6	105	0.00
80	1,2,4-Trimethylbenzene	20.000	19.539	2.3	106	0.00
81	sec-Butylbenzene	20.000	19.890	0.5	108	0.00
82	p-Isopropyltoluene	20.000	19.763	1.2	107	0.00
83 M	1,3-Dichlorobenzene	20.000	19.490	2.6	105	0.00
84 M	1,4-Dichlorobenzene	20.000	19.048	4.8	104	0.00
85	n-Butylbenzene	20.000	18.598	7.0	111	0.00
86 T	Hexachloroethane	20.000	18.992	5.0	102	0.00
87 M	1,2-Dichlorobenzene	20.000	20.016	-0.1	106	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	20.856	-4.3	107	0.00
89	1,2,4-Trichlorobenzene	20.000	17.248	13.8	106	0.00
90	Hexachlorobutadiene	20.000	22.090	-10.4	134	0.00
91 M	Naphthalene	20.000	18.083	9.6	110	0.00
92	1,2,3-Trichlorobenzene	20.000	18.487	7.6	113	0.00

(#) = Out of Range

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