

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032723\
 Data File : VN077197.D
 Acq On : 27 Mar 2023 11:08
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Mar 28 06:40:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N032423W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Mar 24 05:55:38 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	94	0.00
2 M	Dichlorodifluoromethane	20.000	25.968	-29.8#	128	0.00
3 M	Chloromethane	20.000	23.694	-18.5	94	0.00
4 M	Vinyl Chloride	20.000	19.382	3.1	97	0.00
5 M	Bromomethane	20.000	22.159	-10.8	109	0.00
6 M	Chloroethane	20.000	23.668	-18.3	114	0.00
7 M	Trichlorofluoromethane	20.000	19.246	3.8	94	0.00
8 T	Diethyl Ether	20.000	20.714	-3.6	106	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.234	-1.2	99	0.00
10 M	1,1-Dichloroethene	20.000	19.456	2.7	94	0.00
11	Methyl Iodide	20.000	21.710	-8.6	117	0.00
12	Methyl Acetate	20.000	19.614	1.9	95	0.00
13 M	Acrolein	100.000	109.692	-9.7	105	0.00
14 M	Acrylonitrile	100.000	95.418	4.6	93	0.00
15 M	Acetone	100.000	106.688	-6.7	104	0.00
16 M	Carbon Disulfide	20.000	19.135	4.3	96	0.00
17	Allyl chloride	20.000	18.707	6.5	96	0.00
18 M	Methylene Chloride	20.000	20.093	-0.5	97	0.00
19 M	trans-1,2-Dichloroethene	20.000	20.159	-0.8	101	-0.01
20 T	Diisopropyl ether	20.000	21.266	-6.3	103	0.00
21 M	1,1-Dichloroethane	20.000	20.642	-3.2	102	0.00
22 M	cis-1,2-Dichloroethene	20.000	20.799	-4.0	101	0.00
23 M	tert-Butyl Alcohol	100.000	87.818	12.2	88	0.00
24 M	Methyl tert-Butyl Ether	20.000	20.667	-3.3	103	0.00
25 M	Chloroform	20.000	20.857	-4.3	100	0.00
26	Cyclohexane	20.000	19.366	3.2	95	0.00
27 s	1,2-Dichloroethane-d4	30.000	31.897	-6.3	97	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	99	0.00
29	1,1-Dichloropropene	20.000	18.866	5.7	97	0.00
30 M	2-Butanone	100.000	93.832	6.2	94	0.00
31	2,2-Dichloropropane	20.000	22.223	-11.1	116	-0.01
32 M	1,1,1-Trichloroethane	20.000	19.273	3.6	99	0.00
33 M	Carbon Tetrachloride	20.000	19.733	1.3	101	0.00
34 M	Benzene	20.000	19.298	3.5	98	0.00
35	Methacrylonitrile	20.000	17.493	12.5	89	0.00
36 M	1,2-Dichloroethane	20.000	19.581	2.1	98	0.00
37 M	Trichloroethene	20.000	19.217	3.9	99	0.00
38	Methylcyclohexane	20.000	18.842	5.8	101	0.00
39 M	1,2-Dichloropropane	20.000	18.905	5.5	95	0.00
40	Dibromomethane	20.000	19.593	2.0	99	0.00
41 M	Bromodichloromethane	20.000	19.739	1.3	101	0.00
42 M	Vinyl Acetate	100.000	96.040	4.0	101	0.00
43	Ethyl Acetate	20.000	18.578	7.1	94	0.00
44	Isopropyl Acetate	20.000	18.341	8.3	93	0.00
45 T	1,4-Dioxane	400.000	376.564	5.9	90	0.00
46	Methyl methacrylate	20.000	19.555	2.2	96	0.00
47	n-amyl Acetate	20.000	17.430	12.9	96	0.00
48 M	t-1,3-Dichloropropene	20.000	19.250	3.8	104	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	19.814	0.9	105	0.00
50 M	1,1,2-Trichloroethane	20.000	19.982	0.1	101	0.00
51	Ethyl methacrylate	20.000	18.350	8.2	99	0.00
52	1,3-Dichloropropane	20.000	19.840	0.8	103	0.00
53 M	Dibromochloromethane	20.000	19.864	0.7	104	0.00
54 M	1,2-Dibromoethane	20.000	19.869	0.7	103	0.00
55 M	2-Chloroethyl vinyl ether	100.000	81.937	18.1	87	0.00
56 M	Bromoform	20.000	18.398	8.0	103	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	101	0.00
58 M	4-Methyl-2-Pentanone	100.000	91.804	8.2	93	0.00
59 M	2-Hexanone	100.000	88.586	11.4	90	0.00
60 S	4-Bromofluorobenzene	30.000	30.155	-0.5	101	0.00
61 M	Tetrachloroethene	20.000	20.077	-0.4	105	0.00
62 M	Toluene	20.000	19.377	3.1	100	0.00
63 S	Toluene-d8	30.000	30.118	-0.4	97	0.00
64 M	Chlorobenzene	20.000	19.316	3.4	102	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.542	2.3	100	0.00
66 M	Ethyl Benzene	20.000	19.036	4.8	100	0.00
67 M	m/p-Xylenes	40.000	38.668	3.3	101	0.00
68 M	o-Xylene	20.000	18.906	5.5	100	0.00
69 M	Styrene	20.000	18.945	5.3	102	0.00
70	Isopropylbenzene	20.000	18.910	5.4	100	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.028	4.9	96	0.00
72	1,2,3-Trichloropropane	20.000	21.212	-6.1	104	0.00
73	Bromobenzene	20.000	20.002	-0.0	105	0.00
74	n-propylbenzene	20.000	19.180	4.1	103	0.00
75	2-Chlorotoluene	20.000	19.374	3.1	102	0.00
76	1,3,5-Trimethylbenzene	20.000	19.387	3.1	100	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.404	8.0	102	0.00
78	4-Chlorotoluene	20.000	18.812	5.9	101	0.00
79	tert-butylbenzene	20.000	19.195	4.0	102	0.00
80	1,2,4-Trimethylbenzene	20.000	19.297	3.5	102	0.00
81	sec-Butylbenzene	20.000	18.758	6.2	102	0.00
82	p-Isopropyltoluene	20.000	18.929	5.4	103	0.00
83 M	1,3-Dichlorobenzene	20.000	19.514	2.4	103	0.00
84 M	1,4-Dichlorobenzene	20.000	19.144	4.3	104	0.00
85	n-Butylbenzene	20.000	18.743	6.3	109	0.00
86 T	Hexachloroethane	20.000	19.266	3.7	106	0.00
87 M	1,2-Dichlorobenzene	20.000	19.613	1.9	105	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	17.189	14.1	92	0.00
89	1,2,4-Trichlorobenzene	20.000	16.991	15.0	102	0.00
90	Hexachlorobutadiene	20.000	20.027	-0.1	110	0.00
91 M	Naphthalene	20.000	15.818	20.9	95	0.00
92	1,2,3-Trichlorobenzene	20.000	17.069	14.7	98	0.00

(#) = Out of Range

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