

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032723\
 Data File : VN077202.D
 Acq On : 27 Mar 2023 14:59
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.1mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Mar 28 06:44:05 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	104	0.00
2 M	Dichlorodifluoromethane	20.000	26.526	-32.6#	145	0.00
3 M	Chloromethane	20.000	25.688	-28.4#	113	0.00
4 M	Vinyl Chloride	20.000	19.536	2.3	109	0.00
5 M	Bromomethane	20.000	17.868	10.7	97	0.00
6 M	Chloroethane	20.000	18.375	8.1	98	0.00
7 M	Trichlorofluoromethane	20.000	23.633	-18.2	128	0.00
8 T	Diethyl Ether	20.000	18.392	8.0	104	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.575	2.1	106	0.00
10 M	1,1-Dichloroethene	20.000	18.740	6.3	101	0.00
11	Methyl Iodide	20.000	20.182	-0.9	120	0.00
12	Methyl Acetate	20.000	17.703	11.5	95	0.00
13 M	Acrolein	100.000	87.593	12.4	93	0.00
14 M	Acrylonitrile	100.000	89.531	10.5	96	0.00
15 M	Acetone	100.000	89.994	10.0	97	0.00
16 M	Carbon Disulfide	20.000	18.077	9.6	101	0.00
17	Allyl chloride	20.000	17.801	11.0	101	0.00
18 M	Methylene Chloride	20.000	18.884	5.6	101	0.00
19 M	trans-1,2-Dichloroethene	20.000	18.771	6.1	104	0.00
20 T	Diisopropyl ether	20.000	18.353	8.2	98	0.00
21 M	1,1-Dichloroethane	20.000	18.483	7.6	101	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.129	4.4	103	0.00
23 M	tert-Butyl Alcohol	100.000	79.782	20.2	89	0.00
24 M	Methyl tert-Butyl Ether	20.000	18.813	5.9	104	0.00
25 M	Chloroform	20.000	19.017	4.9	101	0.00
26	Cyclohexane	20.000	19.077	4.6	104	0.00
27 s	1,2-Dichloroethane-d4	30.000	28.702	4.3	97	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	103	0.00
29	1,1-Dichloropropene	20.000	19.374	3.1	104	0.00
30 M	2-Butanone	100.000	91.507	8.5	96	0.00
31	2,2-Dichloropropane	20.000	21.933	-9.7	120	0.00
32 M	1,1,1-Trichloroethane	20.000	19.224	3.9	103	-0.01
33 M	Carbon Tetrachloride	20.000	19.737	1.3	105	0.00
34 M	Benzene	20.000	18.928	5.4	101	0.00
35	Methacrylonitrile	20.000	18.085	9.6	96	0.00
36 M	1,2-Dichloroethane	20.000	18.743	6.3	98	0.00
37 M	Trichloroethene	20.000	18.995	5.0	102	0.00
38	Methylcyclohexane	20.000	19.021	4.9	107	0.00
39 M	1,2-Dichloropropane	20.000	18.749	6.3	99	0.00
40	Dibromomethane	20.000	19.414	2.9	103	0.00
41 M	Bromodichloromethane	20.000	19.675	1.6	105	0.00
42 M	Vinyl Acetate	100.000	91.371	8.6	100	0.00
43	Ethyl Acetate	20.000	18.415	7.9	97	0.00
44	Isopropyl Acetate	20.000	17.953	10.2	95	0.00
45 T	1,4-Dioxane	400.000	358.492	10.4	89	0.00
46	Methyl methacrylate	20.000	18.319	8.4	94	0.00
47	n-amyl Acetate	20.000	16.715	16.4	97	0.00
48 M	t-1,3-Dichloropropene	20.000	18.823	5.9	107	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	19.213	3.9	106	0.00
50 M	1,1,2-Trichloroethane	20.000	19.185	4.1	101	0.00
51	Ethyl methacrylate	20.000	18.365	8.2	104	0.00
52	1,3-Dichloropropane	20.000	18.931	5.3	103	0.00
53 M	Dibromochloromethane	20.000	19.167	4.2	105	0.00
54 M	1,2-Dibromoethane	20.000	18.483	7.6	100	0.00
55 M	2-Chloroethyl vinyl ether	100.000	84.912	15.1	94	0.00
56 M	Bromoform	20.000	17.859	10.7	105	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	103	0.00
58 M	4-Methyl-2-Pentanone	100.000	91.788	8.2	95	0.00
59 M	2-Hexanone	100.000	90.170	9.8	93	0.00
60 S	4-Bromofluorobenzene	30.000	29.747	0.8	102	0.00
61 M	Tetrachloroethene	20.000	20.609	-3.0	110	0.00
62 M	Toluene	20.000	19.611	1.9	103	0.00
63 S	Toluene-d8	30.000	30.337	-1.1	100	0.00
64 M	Chlorobenzene	20.000	19.584	2.1	105	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.348	3.3	102	0.00
66 M	Ethyl Benzene	20.000	19.494	2.5	104	0.00
67 M	m/p-Xylenes	40.000	39.066	2.3	105	0.00
68 M	o-Xylene	20.000	19.109	4.5	103	0.00
69 M	Styrene	20.000	18.897	5.5	104	0.00
70	Isopropylbenzene	20.000	19.586	2.1	106	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.389	3.1	100	0.00
72	1,2,3-Trichloropropane	20.000	19.875	0.6	99	0.00
73	Bromobenzene	20.000	19.161	4.2	103	0.00
74	n-propylbenzene	20.000	19.478	2.6	107	0.00
75	2-Chlorotoluene	20.000	19.636	1.8	106	0.00
76	1,3,5-Trimethylbenzene	20.000	19.935	0.3	105	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.865	5.7	107	0.00
78	4-Chlorotoluene	20.000	19.376	3.1	106	0.00
79	tert-butylbenzene	20.000	19.231	3.8	104	0.00
80	1,2,4-Trimethylbenzene	20.000	19.792	1.0	107	0.00
81	sec-Butylbenzene	20.000	19.245	3.8	107	0.00
82	p-Isopropyltoluene	20.000	19.655	1.7	110	0.00
83 M	1,3-Dichlorobenzene	20.000	19.751	1.2	107	0.00
84 M	1,4-Dichlorobenzene	20.000	19.389	3.1	108	0.00
85	n-Butylbenzene	20.000	18.467	7.7	110	0.00
86 T	Hexachloroethane	20.000	18.685	6.6	105	0.00
87 M	1,2-Dichlorobenzene	20.000	19.722	1.4	108	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	17.926	10.4	98	0.00
89	1,2,4-Trichlorobenzene	20.000	17.451	12.7	107	0.00
90	Hexachlorobutadiene	20.000	20.056	-0.3	113	0.00
91 M	Naphthalene	20.000	15.463	22.7	95	0.00
92	1,2,3-Trichlorobenzene	20.000	17.722	11.4	104	0.00

(#) = Out of Range

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