

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032423\
 Data File : VN077171.D
 Acq On : 24 Mar 2023 01:24
 Operator : JC\MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN032423

Quant Time: Mar 24 05:57:54 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	99	0.00
2 M	Dichlorodifluoromethane	20.000	22.904	-14.5	119	0.00
3 M	Chloromethane	20.000	23.376	-16.9	98	0.00
4 M	Vinyl Chloride	20.000	21.393	-7.0	113	0.00
5 M	Bromomethane	20.000	26.705	-33.5#	138	0.00
6 M	Chloroethane	20.000	24.828	-24.1	127	0.00
7 M	Trichlorofluoromethane	20.000	19.930	0.4	102	0.00
8 T	Diethyl Ether	20.000	20.853	-4.3	112	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.943	0.3	103	0.00
10 M	1,1-Dichloroethene	20.000	20.322	-1.6	104	0.00
11	Methyl Iodide	20.000	19.391	3.0	110	0.00
12	Methyl Acetate	20.000	20.967	-4.8	107	0.00
13 M	Acrolein	100.000	103.301	-3.3	104	0.00
14 M	Acrylonitrile	100.000	106.539	-6.5	109	0.00
15 M	Acetone	100.000	108.533	-8.5	111	0.00
16 M	Carbon Disulfide	20.000	19.750	1.3	105	0.00
17	Allyl chloride	20.000	19.948	0.3	108	0.00
18 M	Methylene Chloride	20.000	20.499	-2.5	104	0.00
19 M	trans-1,2-Dichloroethene	20.000	20.606	-3.0	109	0.00
20 T	Diisopropyl ether	20.000	21.403	-7.0	109	0.01
21 M	1,1-Dichloroethane	20.000	20.302	-1.5	106	0.00
22 M	cis-1,2-Dichloroethene	20.000	20.321	-1.6	104	0.00
23 M	tert-Butyl Alcohol	100.000	101.065	-1.1	107	0.00
24 M	Methyl tert-Butyl Ether	20.000	20.977	-4.9	110	0.00
25 M	Chloroform	20.000	20.851	-4.3	106	0.00
26	Cyclohexane	20.000	20.912	-4.6	108	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.361	-1.2	98	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	101	0.00
29	1,1-Dichloropropene	20.000	20.298	-1.5	107	0.00
30 M	2-Butanone	100.000	103.136	-3.1	106	0.00
31	2,2-Dichloropropane	20.000	19.055	4.7	102	-0.01
32 M	1,1,1-Trichloroethane	20.000	19.901	0.5	105	0.00
33 M	Carbon Tetrachloride	20.000	20.292	-1.5	106	0.00
34 M	Benzene	20.000	20.265	-1.3	106	0.00
35	Methacrylonitrile	20.000	20.456	-2.3	106	0.00
36 M	1,2-Dichloroethane	20.000	20.749	-3.7	107	0.00
37 M	Trichloroethene	20.000	19.921	0.4	105	0.00
38	Methylcyclohexane	20.000	18.736	6.3	103	0.00
39 M	1,2-Dichloropropane	20.000	20.139	-0.7	104	0.00
40	Dibromomethane	20.000	20.568	-2.8	107	0.00
41 M	Bromodichloromethane	20.000	19.939	0.3	105	0.00
42 M	Vinyl Acetate	100.000	100.277	-0.3	108	0.00
43	Ethyl Acetate	20.000	20.975	-4.9	109	0.00
44	Isopropyl Acetate	20.000	20.154	-0.8	105	0.00
45 T	1,4-Dioxane	400.000	407.656	-1.9	100	0.00
46	Methyl methacrylate	20.000	21.263	-6.3	107	0.00
47	n-amyl Acetate	20.000	19.014	4.9	108	0.00
48 M	t-1,3-Dichloropropene	20.000	18.994	5.0	106	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	19.452	2.7	106	0.00
50 M	1,1,2-Trichloroethane	20.000	20.435	-2.2	106	0.00
51	Ethyl methacrylate	20.000	19.853	0.7	110	0.00
52	1,3-Dichloropropane	20.000	20.518	-2.6	109	0.00
53 M	Dibromochloromethane	20.000	20.093	-0.5	108	0.00
54 M	1,2-Dibromoethane	20.000	20.211	-1.1	107	0.00
55 M	2-Chloroethyl vinyl ether	100.000	94.320	5.7	102	0.00
56 M	Bromoform	20.000	18.492	7.5	107	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	102	0.00
58 M	4-Methyl-2-Pentanone	100.000	106.086	-6.1	108	0.00
59 M	2-Hexanone	100.000	105.335	-5.3	108	0.00
60 S	4-Bromofluorobenzene	30.000	29.411	2.0	100	0.00
61 M	Tetrachloroethene	20.000	20.448	-2.2	108	0.00
62 M	Toluene	20.000	20.544	-2.7	107	0.00
63 S	Toluene-d8	30.000	29.621	1.3	96	0.00
64 M	Chlorobenzene	20.000	19.907	0.5	106	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.095	-0.5	104	0.00
66 M	Ethyl Benzene	20.000	20.351	-1.8	108	0.00
67 M	m/p-Xylenes	40.000	39.712	0.7	105	0.00
68 M	o-Xylene	20.000	20.503	-2.5	110	0.00
69 M	Styrene	20.000	19.511	2.4	106	0.00
70	Isopropylbenzene	20.000	19.608	2.0	105	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.856	-4.3	106	0.00
72	1,2,3-Trichloropropane	20.000	21.296	-6.5	105	0.00
73	Bromobenzene	20.000	20.228	-1.1	107	0.00
74	n-propylbenzene	20.000	19.778	1.1	107	0.00
75	2-Chlorotoluene	20.000	19.930	0.4	106	0.00
76	1,3,5-Trimethylbenzene	20.000	20.213	-1.1	106	0.00
77	t-1,4-Dichloro-2-butene	20.000	19.149	4.3	107	0.00
78	4-Chlorotoluene	20.000	19.756	1.2	107	0.00
79	tert-butylbenzene	20.000	19.640	1.8	105	0.00
80	1,2,4-Trimethylbenzene	20.000	19.802	1.0	106	0.00
81	sec-Butylbenzene	20.000	19.479	2.6	107	0.00
82	p-Isopropyltoluene	20.000	19.496	2.5	108	0.00
83 M	1,3-Dichlorobenzene	20.000	19.941	0.3	106	0.00
84 M	1,4-Dichlorobenzene	20.000	19.497	2.5	107	0.00
85	n-Butylbenzene	20.000	18.569	7.2	109	0.00
86 T	Hexachloroethane	20.000	20.007	-0.0	111	0.00
87 M	1,2-Dichlorobenzene	20.000	19.945	0.3	108	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	20.310	-1.5	109	0.00
89	1,2,4-Trichlorobenzene	20.000	18.572	7.1	113	0.00
90	Hexachlorobutadiene	20.000	20.056	-0.3	112	0.00
91 M	Naphthalene	20.000	18.516	7.4	113	0.00
92	1,2,3-Trichlorobenzene	20.000	19.242	3.8	111	0.00

(#) = Out of Range

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