

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042823\
 Data File : VN077503.D
 Acq On : 28 Apr 2023 15:59
 Operator : JC\MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN042823

Quant Time: Apr 28 16:22:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Apr 28 16:20:59 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	106	0.00
2 M	Dichlorodifluoromethane	20.000	20.998	-5.0	111	0.00
3 M	Chloromethane	20.000	19.452	2.7	103	0.00
4 M	Vinyl Chloride	20.000	19.124	4.4	100	0.00
5 M	Bromomethane	20.000	18.875	5.6	106	-0.02
6 M	Chloroethane	20.000	17.466	12.7	96	0.00
7 M	Trichlorofluoromethane	20.000	21.519	-7.6	113	-0.01
8 T	Diethyl Ether	20.000	20.263	-1.3	107	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.367	-1.8	106	0.00
10 M	1,1-Dichloroethene	20.000	19.907	0.5	106	0.00
11	Methyl Iodide	20.000	19.970	0.2	104	0.00
12	Methyl Acetate	20.000	19.074	4.6	97	0.01
13 M	Acrolein	100.000	97.967	2.0	99	0.00
14 M	Acrylonitrile	100.000	90.966	9.0	96	0.00
15 M	Acetone	100.000	98.297	1.7	94	-0.01
16 M	Carbon Disulfide	20.000	19.524	2.4	105	-0.01
17	Allyl chloride	20.000	18.923	5.4	102	0.00
18 M	Methylene Chloride	20.000	19.006	5.0	100	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.741	1.3	104	0.00
20 T	Diisopropyl ether	20.000	19.268	3.7	100	0.00
21 M	1,1-Dichloroethane	20.000	19.499	2.5	102	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.806	1.0	105	0.00
23 M	tert-Butyl Alcohol	100.000	89.896	10.1	96	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.383	3.1	104	0.00
25 M	Chloroform	20.000	19.558	2.2	101	0.00
26	Cyclohexane	20.000	19.509	2.5	101	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.287	-1.0	107	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	106	0.00
29	1,1-Dichloropropene	20.000	19.343	3.3	102	0.00
30 M	2-Butanone	100.000	90.013	10.0	92	0.00
31	2,2-Dichloropropane	20.000	20.068	-0.3	105	0.00
32 M	1,1,1-Trichloroethane	20.000	19.377	3.1	100	0.00
33 M	Carbon Tetrachloride	20.000	18.908	5.5	100	0.00
34 M	Benzene	20.000	18.880	5.6	99	0.00
35	Methacrylonitrile	20.000	17.997	10.0	94	0.00
36 M	1,2-Dichloroethane	20.000	18.906	5.5	97	0.00
37 M	Trichloroethene	20.000	19.300	3.5	102	0.00
38	Methylcyclohexane	20.000	19.843	0.8	104	0.00
39 M	1,2-Dichloropropane	20.000	19.516	2.4	104	0.00
40	Dibromomethane	20.000	19.599	2.0	105	0.00
41 M	Bromodichloromethane	20.000	19.519	2.4	103	0.00
42 M	Vinyl Acetate	100.000	85.472	14.5	99	0.00
43	Ethyl Acetate	20.000	18.390	8.0	93	0.00
44	Isopropyl Acetate	20.000	18.305	8.5	94	0.00
45 T	1,4-Dioxane	400.000	395.543	1.1	103	0.00
46	Methyl methacrylate	20.000	19.208	4.0	101	0.00
47	n-amyl Acetate	20.000	19.065	4.7	101	0.00
48 M	t-1,3-Dichloropropene	20.000	19.350	3.2	101	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	19.647	1.8	102	0.00
50 M	1,1,2-Trichloroethane	20.000	19.248	3.8	100	0.00
51	Ethyl methacrylate	20.000	19.488	2.6	102	0.00
52	1,3-Dichloropropane	20.000	19.352	3.2	101	0.00
53 M	Dibromochloromethane	20.000	19.430	2.9	100	0.00
54 M	1,2-Dibromoethane	20.000	19.065	4.7	104	0.00
55 M	2-Chloroethyl vinyl ether	100.000	83.014	17.0	87	0.00
56 M	Bromoform	20.000	18.513	7.4	97	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	104	0.00
58 M	4-Methyl-2-Pentanone	100.000	93.669	6.3	97	0.00
59 M	2-Hexanone	100.000	95.083	4.9	97	0.00
60 S	4-Bromofluorobenzene	30.000	30.723	-2.4	105	0.00
61 M	Tetrachloroethene	20.000	20.094	-0.5	102	0.00
62 M	Toluene	20.000	20.165	-0.8	104	0.00
63 S	Toluene-d8	30.000	30.280	-0.9	106	0.00
64 M	Chlorobenzene	20.000	19.775	1.1	102	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.662	-3.3	106	0.00
66 M	Ethyl Benzene	20.000	19.759	1.2	103	0.00
67 M	m/p-Xylenes	40.000	40.651	-1.6	104	0.00
68 M	o-Xylene	20.000	20.140	-0.7	104	0.00
69 M	Styrene	20.000	20.631	-3.2	106	0.00
70	Isopropylbenzene	20.000	20.498	-2.5	104	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.265	3.7	101	0.00
72	1,2,3-Trichloropropane	20.000	18.952	5.2	99	0.00
73	Bromobenzene	20.000	19.997	0.0	103	0.00
74	n-propylbenzene	20.000	20.454	-2.3	106	0.00
75	2-Chlorotoluene	20.000	20.320	-1.6	105	0.00
76	1,3,5-Trimethylbenzene	20.000	20.395	-2.0	103	0.00
77	t-1,4-Dichloro-2-butene	20.000	20.048	-0.2	100	0.00
78	4-Chlorotoluene	20.000	20.291	-1.5	104	0.00
79	tert-butylbenzene	20.000	20.370	-1.9	102	0.00
80	1,2,4-Trimethylbenzene	20.000	20.928	-4.6	103	0.00
81	sec-Butylbenzene	20.000	20.513	-2.6	103	0.00
82	p-Isopropyltoluene	20.000	20.389	-1.9	103	0.00
83 M	1,3-Dichlorobenzene	20.000	20.455	-2.3	105	0.00
84 M	1,4-Dichlorobenzene	20.000	20.052	-0.3	104	0.00
85	n-Butylbenzene	20.000	20.768	-3.8	107	0.00
86 T	Hexachloroethane	20.000	20.179	-0.9	104	0.00
87 M	1,2-Dichlorobenzene	20.000	19.898	0.5	102	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	19.245	3.8	102	0.00
89	1,2,4-Trichlorobenzene	20.000	19.765	1.2	113	0.00
90	Hexachlorobutadiene	20.000	19.632	1.8	104	0.00
91 M	Naphthalene	20.000	21.677	-8.4	129	0.00
92	1,2,3-Trichlorobenzene	20.000	21.580	-7.9	130	0.00

(#) = Out of Range

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