

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030823\
 Data File : VN076889.D
 Acq On : 08 Mar 2023 20:23
 Operator : JC\MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN030823

Quant Time: Mar 09 04:21:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N030823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 09 04:16:54 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	90	0.00
2 M	Dichlorodifluoromethane	20.000	20.060	-0.3	98	0.00
3 M	Chloromethane	20.000	18.547	7.3	93	0.00
4 M	Vinyl Chloride	20.000	19.276	3.6	96	0.00
5 M	Bromomethane	20.000	18.931	5.3	98	0.01
6 M	Chloroethane	20.000	18.409	8.0	93	0.00
7 M	Trichlorofluoromethane	20.000	19.641	1.8	99	0.00
8 T	Diethyl Ether	20.000	20.003	-0.0	101	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.930	0.4	99	0.00
10 M	1,1-Dichloroethene	20.000	19.347	3.3	97	0.00
11	Methyl Iodide	20.000	18.740	6.3	94	0.00
12	Methyl Acetate	20.000	19.823	0.9	99	0.01
13 M	Acrolein	100.000	90.502	9.5	92	0.00
14 M	Acrylonitrile	100.000	96.476	3.5	97	0.00
15 M	Acetone	100.000	98.287	1.7	98	0.00
16 M	Carbon Disulfide	20.000	19.980	0.1	101	0.00
17	Allyl chloride	20.000	20.516	-2.6	105	0.00
18 M	Methylene Chloride	20.000	19.444	2.8	99	0.00
19 M	trans-1,2-Dichloroethene	20.000	20.446	-2.2	104	0.00
20 T	Diisopropyl ether	20.000	20.089	-0.4	98	0.00
21 M	1,1-Dichloroethane	20.000	19.720	1.4	100	0.00
22 M	cis-1,2-Dichloroethene	20.000	20.042	-0.2	99	0.00
23 M	tert-Butyl Alcohol	100.000	98.932	1.1	99	0.00
24 M	Methyl tert-Butyl Ether	20.000	20.180	-0.9	100	0.00
25 M	Chloroform	20.000	19.377	3.1	99	0.00
26	Cyclohexane	20.000	19.897	0.5	98	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.889	-3.0	90	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	91	0.00
29	1,1-Dichloropropene	20.000	19.637	1.8	104	0.00
30 M	2-Butanone	100.000	92.144	7.9	97	0.00
31	2,2-Dichloropropane	20.000	18.928	5.4	99	0.00
32 M	1,1,1-Trichloroethane	20.000	19.301	3.5	101	0.00
33 M	Carbon Tetrachloride	20.000	19.136	4.3	102	0.00
34 M	Benzene	20.000	19.152	4.2	101	0.00
35	Methacrylonitrile	20.000	20.433	-2.2	110	0.00
36 M	1,2-Dichloroethane	20.000	19.241	3.8	102	0.00
37 M	Trichloroethene	20.000	18.666	6.7	98	0.00
38	Methylcyclohexane	20.000	19.148	4.3	100	0.00
39 M	1,2-Dichloropropane	20.000	18.872	5.6	97	0.00
40	Dibromomethane	20.000	18.828	5.9	98	0.00
41 M	Bromodichloromethane	20.000	18.913	5.4	99	0.00
42 M	Vinyl Acetate	100.000	93.967	6.0	99	0.00
43	Ethyl Acetate	20.000	19.661	1.7	103	0.00
44	Isopropyl Acetate	20.000	19.138	4.3	100	0.00
45 T	1,4-Dioxane	400.000	376.421	5.9	97	0.00
46	Methyl methacrylate	20.000	19.155	4.2	99	0.00
47	n-amyl Acetate	20.000	19.186	4.1	103	0.00
48 M	t-1,3-Dichloropropene	20.000	19.539	2.3	105	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	19.322	3.4	102	0.00
50 M	1,1,2-Trichloroethane	20.000	18.582	7.1	100	0.00
51	Ethyl methacrylate	20.000	19.280	3.6	101	0.00
52	1,3-Dichloropropane	20.000	18.855	5.7	99	0.00
53 M	Dibromochloromethane	20.000	18.731	6.3	99	0.00
54 M	1,2-Dibromoethane	20.000	19.282	3.6	102	0.00
55 M	2-Chloroethyl vinyl ether	100.000	95.386	4.6	99	0.00
56 M	Bromoform	20.000	19.342	3.3	103	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	93	0.00
58 M	4-Methyl-2-Pentanone	100.000	96.628	3.4	99	0.00
59 M	2-Hexanone	100.000	96.686	3.3	99	0.00
60 S	4-Bromofluorobenzene	30.000	30.440	-1.5	93	0.00
61 M	Tetrachloroethene	20.000	18.797	6.0	98	0.00
62 M	Toluene	20.000	19.398	3.0	101	0.00
63 S	Toluene-d8	30.000	29.869	0.4	89	0.00
64 M	Chlorobenzene	20.000	19.636	1.8	102	0.00
65	1,1,1,2-Tetrachloroethane	20.000	18.966	5.2	100	0.00
66 M	Ethyl Benzene	20.000	19.429	2.9	101	0.00
67 M	m/p-Xylenes	40.000	39.317	1.7	100	0.00
68 M	o-Xylene	20.000	19.458	2.7	100	0.00
69 M	Styrene	20.000	19.787	1.1	100	0.00
70	Isopropylbenzene	20.000	19.743	1.3	101	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.122	4.4	100	0.00
72	1,2,3-Trichloropropane	20.000	19.300	3.5	103	0.00
73	Bromobenzene	20.000	19.155	4.2	101	0.00
74	n-propylbenzene	20.000	19.963	0.2	102	0.00
75	2-Chlorotoluene	20.000	19.490	2.6	101	0.00
76	1,3,5-Trimethylbenzene	20.000	19.698	1.5	101	0.00
77	t-1,4-Dichloro-2-butene	20.000	19.548	2.3	101	0.00
78	4-Chlorotoluene	20.000	19.835	0.8	103	0.00
79	tert-butylbenzene	20.000	19.528	2.4	101	0.00
80	1,2,4-Trimethylbenzene	20.000	20.027	-0.1	101	0.00
81	sec-Butylbenzene	20.000	19.703	1.5	100	0.00
82	p-Isopropyltoluene	20.000	20.083	-0.4	101	0.00
83 M	1,3-Dichlorobenzene	20.000	20.298	-1.5	105	0.00
84 M	1,4-Dichlorobenzene	20.000	20.360	-1.8	106	0.00
85	n-Butylbenzene	20.000	20.492	-2.5	107	0.00
86 T	Hexachloroethane	20.000	19.414	2.9	102	0.00
87 M	1,2-Dichlorobenzene	20.000	19.836	0.8	102	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	20.079	-0.4	108	0.00
89	1,2,4-Trichlorobenzene	20.000	20.514	-2.6	109	0.00
90	Hexachlorobutadiene	20.000	18.864	5.7	99	0.00
91 M	Naphthalene	20.000	20.230	-1.2	105	0.00
92	1,2,3-Trichlorobenzene	20.000	20.411	-2.1	105	0.00

(#) = Out of Range

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