

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101222\
 Data File : VN074874.D
 Acq On : 12 Oct 2022 13:18
 Operator : JC\MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN101222

Quant Time: Oct 13 07:54:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N101222W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Oct 13 07:52:24 2022
 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	101	0.00
2 M	Dichlorodifluoromethane	20.000	21.847	-9.2	107	0.00
3 M	Chloromethane	20.000	22.535	-12.7	107	0.00
4 M	Vinyl Chloride	20.000	20.692	-3.5	96	0.00
5 M	Bromomethane	20.000	20.430	-2.1	99	0.02
6 M	Chloroethane	20.000	20.264	-1.3	89	0.01
7 M	Trichlorofluoromethane	20.000	21.505	-7.5	103	0.00
8 T	Diethyl Ether	20.000	23.274	-16.4	109	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	23.400	-17.0	112	0.00
10 M	1,1-Dichloroethene	20.000	22.177	-10.9	112	0.00
11	Methyl Iodide	20.000	20.546	-2.7	101	0.00
12	Methyl Acetate	20.000	20.248	-1.2	101	0.00
13 M	Acrolein	100.000	95.302	4.7	97	-0.01
14 M	Acrylonitrile	100.000	102.878	-2.9	101	0.00
15 M	Acetone	100.000	100.078	-0.1	98	0.00
16 M	Carbon Disulfide	20.000	22.205	-11.0	110	0.00
17	Allyl chloride	20.000	20.603	-3.0	93	0.00
18 M	Methylene Chloride	20.000	23.020	-15.1	111	0.00
19 M	trans-1,2-Dichloroethene	20.000	21.455	-7.3	109	0.00
20 T	Diisopropyl ether	20.000	21.393	-7.0	108	0.00
21 M	1,1-Dichloroethane	20.000	21.732	-8.7	106	0.00
22 M	cis-1,2-Dichloroethene	20.000	21.809	-9.0	109	0.00
23 M	tert-Butyl Alcohol	100.000	96.432	3.6	96	0.00
24 M	Methyl tert-Butyl Ether	20.000	21.776	-8.9	110	0.00
25 M	Chloroform	20.000	21.503	-7.5	112	0.00
26	Cyclohexane	20.000	21.908	-9.5	109	0.00
27 s	1,2-Dichloroethane-d4	30.000	31.718	-5.7	111	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	107	0.00
29	1,1-Dichloropropene	20.000	20.759	-3.8	112	0.00
30 M	2-Butanone	100.000	95.038	5.0	99	-0.01
31	2,2-Dichloropropane	20.000	19.819	0.9	107	0.00
32 M	1,1,1-Trichloroethane	20.000	20.441	-2.2	108	0.00
33 M	Carbon Tetrachloride	20.000	20.256	-1.3	104	0.00
34 M	Benzene	20.000	20.863	-4.3	109	0.00
35	Methacrylonitrile	20.000	17.586	12.1	91	0.00
36 M	1,2-Dichloroethane	20.000	20.249	-1.2	107	0.00
37 M	Trichloroethene	20.000	20.186	-0.9	108	0.00
38	Methylcyclohexane	20.000	21.413	-7.1	118	0.00
39 M	1,2-Dichloropropane	20.000	20.638	-3.2	105	0.00
40	Dibromomethane	20.000	20.085	-0.4	107	0.00
41 M	Bromodichloromethane	20.000	19.822	0.9	105	0.00
42 M	Vinyl Acetate	100.000	95.909	4.1	97	0.00
43	Ethyl Acetate	20.000	18.150	9.3	98	-0.01
44	Isopropyl Acetate	20.000	20.609	-3.0	109	0.00
45 T	1,4-Dioxane	400.000	384.439	3.9	99	0.00
46	Methyl methacrylate	20.000	19.551	2.2	103	0.00
47	n-amyl Acetate	20.000	19.713	1.4	109	0.00
48 M	t-1,3-Dichloropropene	20.000	20.670	-3.4	113	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	20.259	-1.3	113	0.00
50 M	1,1,2-Trichloroethane	20.000	19.972	0.1	105	0.00
51	Ethyl methacrylate	20.000	19.901	0.5	112	0.00
52	1,3-Dichloropropane	20.000	19.750	1.3	101	0.00
53 M	Dibromochloromethane	20.000	19.766	1.2	106	0.00
54 M	1,2-Dibromoethane	20.000	20.310	-1.5	113	0.00
55 M	2-Chloroethyl vinyl ether	100.000	92.324	7.7	105	0.00
56 M	Bromoform	20.000	18.905	5.5	114	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	112	0.00
58 M	4-Methyl-2-Pentanone	100.000	95.520	4.5	102	0.00
59 M	2-Hexanone	100.000	93.352	6.6	99	0.00
60 S	4-Bromofluorobenzene	30.000	27.889	7.0	110	0.00
61 M	Tetrachloroethene	20.000	19.717	1.4	107	0.00
62 M	Toluene	20.000	20.128	-0.6	107	0.00
63 S	Toluene-d8	30.000	30.494	-1.6	111	0.00
64 M	Chlorobenzene	20.000	20.457	-2.3	109	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.985	0.1	109	0.00
66 M	Ethyl Benzene	20.000	19.659	1.7	108	0.00
67 M	m/p-Xylenes	40.000	40.843	-2.1	112	0.00
68 M	o-Xylene	20.000	19.956	0.2	111	0.00
69 M	Styrene	20.000	18.887	5.6	109	0.00
70	Isopropylbenzene	20.000	19.626	1.9	110	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	18.720	6.4	102	0.00
72	1,2,3-Trichloropropane	20.000	16.833	15.8	89	0.00
73	Bromobenzene	20.000	19.670	1.6	108	0.00
74	n-propylbenzene	20.000	19.741	1.3	113	0.00
75	2-Chlorotoluene	20.000	19.886	0.6	112	0.00
76	1,3,5-Trimethylbenzene	20.000	19.564	2.2	112	0.00
77	t-1,4-Dichloro-2-butene	20.000	17.597	12.0	103	0.00
78	4-Chlorotoluene	20.000	19.766	1.2	116	0.00
79	tert-butylbenzene	20.000	19.153	4.2	111	0.00
80	1,2,4-Trimethylbenzene	20.000	19.521	2.4	114	0.00
81	sec-Butylbenzene	20.000	19.789	1.1	114	0.00
82	p-Isopropyltoluene	20.000	19.284	3.6	113	0.00
83 M	1,3-Dichlorobenzene	20.000	18.775	6.1	110	0.00
84 M	1,4-Dichlorobenzene	20.000	20.255	-1.3	118	0.00
85	n-Butylbenzene	20.000	19.342	3.3	116	0.00
86 T	Hexachloroethane	20.000	19.484	2.6	108	0.01
87 M	1,2-Dichlorobenzene	20.000	19.355	3.2	109	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	19.002	5.0	109	0.00
89	1,2,4-Trichlorobenzene	20.000	18.872	5.6	114	0.00
90	Hexachlorobutadiene	20.000	20.209	-1.0	119	0.00
91 M	Naphthalene	20.000	19.417	2.9	120	0.00
92	1,2,3-Trichlorobenzene	20.000	18.483	7.6	107	0.00

(#) = Out of Range

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