

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062322\
 Data File : VN073071.D
 Acq On : 24 Jun 2022 02:23
 Operator : JC\MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICSVN062322

Quant Time: Jun 24 05:01:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062322W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jun 24 04:54:59 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	100	0.00
2 M	Dichlorodifluoromethane	20.000	21.617	-8.1	101	0.00
3 M	Chloromethane	20.000	21.428	-7.1	105	0.00
4 M	Vinyl Chloride	20.000	21.501	-7.5	102	0.00
5 M	Bromomethane	20.000	28.515	-42.6#	113	0.00
6 M	Chloroethane	20.000	21.205	-6.0	99	0.00
7 M	Trichlorofluoromethane	20.000	20.799	-4.0	104	0.00
8 T	Diethyl Ether	20.000	21.129	-5.6	103	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	21.471	-7.4	107	0.00
10 M	1,1-Dichloroethene	20.000	20.505	-2.5	102	0.00
11	Methyl Iodide	20.000	16.823	15.9	93	0.00
12	Methyl Acetate	20.000	19.420	2.9	97	0.00
13 M	Acrolein	100.000	114.301	-14.3	110	0.00
14 M	Acrylonitrile	100.000	100.793	-0.8	100	0.00
15 M	Acetone	100.000	99.278	0.7	95	0.00
16 M	Carbon Disulfide	20.000	20.415	-2.1	105	0.00
17	Allyl chloride	20.000	21.148	-5.7	109	0.00
18 M	Methylene Chloride	20.000	20.410	-2.1	103	0.00
19 M	trans-1,2-Dichloroethene	20.000	20.979	-4.9	104	0.00
20 T	Diisopropyl ether	20.000	20.604	-3.0	104	0.00
21 M	1,1-Dichloroethane	20.000	20.262	-1.3	102	0.00
22 M	cis-1,2-Dichloroethene	20.000	20.526	-2.6	104	0.00
23 M	tert-Butyl Alcohol	100.000	99.455	0.5	103	0.00
24 M	Methyl tert-Butyl Ether	20.000	20.492	-2.5	102	0.00
25 M	Chloroform	20.000	20.573	-2.9	103	0.00
26	Cyclohexane	20.000	21.160	-5.8	107	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.677	-2.3	100	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	98	0.00
29	1,1-Dichloropropene	20.000	20.706	-3.5	105	0.00
30 M	2-Butanone	100.000	101.637	-1.6	99	0.00
31	2,2-Dichloropropane	20.000	34.305	-71.5#	164	0.00
32 M	1,1,1-Trichloroethane	20.000	21.029	-5.1	106	0.00
33 M	Carbon Tetrachloride	20.000	20.825	-4.1	105	0.00
34 M	Benzene	20.000	20.937	-4.7	102	0.00
35	Methacrylonitrile	20.000	21.330	-6.6	103	0.00
36 M	1,2-Dichloroethane	20.000	20.338	-1.7	101	0.00
37 M	Trichloroethene	20.000	20.277	-1.4	103	0.00
38	Methylcyclohexane	20.000	20.854	-4.3	104	0.00
39 M	1,2-Dichloropropane	20.000	20.868	-4.3	103	0.00
40	Dibromomethane	20.000	20.376	-1.9	100	0.00
41 M	Bromodichloromethane	20.000	20.341	-1.7	104	0.00
42 M	Vinyl Acetate	100.000	105.254	-5.3	105	0.00
43	Ethyl Acetate	20.000	21.711	-8.6	100	0.00
44	Isopropyl Acetate	20.000	20.516	-2.6	104	0.00
45 T	1,4-Dioxane	400.000	424.027	-6.0	105	0.00
46	Methyl methacrylate	20.000	19.922	0.4	103	0.00
47	n-amyl Acetate	20.000	20.158	-0.8	106	0.00
48 M	t-1,3-Dichloropropene	20.000	22.102	-10.5	116	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	22.289	-11.4	114	0.00
50 M	1,1,2-Trichloroethane	20.000	20.643	-3.2	102	0.00
51	Ethyl methacrylate	20.000	20.238	-1.2	102	0.00
52	1,3-Dichloropropane	20.000	20.651	-3.3	104	0.00
53 M	Dibromochloromethane	20.000	19.816	0.9	104	0.00
54 M	1,2-Dibromoethane	20.000	20.545	-2.7	104	0.00
55 M	2-Chloroethyl vinyl ether	100.000	102.993	-3.0	100	0.00
56 M	Bromoform	20.000	19.274	3.6	105	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	98	0.00
58 M	4-Methyl-2-Pentanone	100.000	105.487	-5.5	102	0.00
59 M	2-Hexanone	100.000	105.163	-5.2	102	0.00
60 S	4-Bromofluorobenzene	30.000	29.957	0.1	102	0.00
61 M	Tetrachloroethene	20.000	20.970	-4.8	105	0.00
62 M	Toluene	20.000	21.077	-5.4	103	0.00
63 S	Toluene-d8	30.000	30.930	-3.1	100	0.00
64 M	Chlorobenzene	20.000	20.632	-3.2	103	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.465	-2.3	102	0.00
66 M	Ethyl Benzene	20.000	20.774	-3.9	104	0.00
67 M	m/p-Xylenes	40.000	42.353	-5.9	105	0.00
68 M	o-Xylene	20.000	20.668	-3.3	102	0.00
69 M	Styrene	20.000	20.675	-3.4	103	0.00
70	Isopropylbenzene	20.000	21.114	-5.6	105	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.607	-3.0	103	0.00
72	1,2,3-Trichloropropane	20.000	21.733	-8.7	104	0.00
73	Bromobenzene	20.000	20.902	-4.5	107	0.00
74	n-propylbenzene	20.000	20.473	-2.4	105	0.00
75	2-Chlorotoluene	20.000	20.749	-3.7	104	0.00
76	1,3,5-Trimethylbenzene	20.000	20.761	-3.8	105	0.00
77	t-1,4-Dichloro-2-butene	20.000	22.769	-13.8	125	0.00
78	4-Chlorotoluene	20.000	20.618	-3.1	105	0.00
79	tert-butylbenzene	20.000	21.164	-5.8	107	0.00
80	1,2,4-Trimethylbenzene	20.000	20.826	-4.1	104	0.00
81	sec-Butylbenzene	20.000	20.420	-2.1	104	0.00
82	p-Isopropyltoluene	20.000	20.599	-3.0	105	0.00
83 M	1,3-Dichlorobenzene	20.000	21.125	-5.6	107	0.00
84 M	1,4-Dichlorobenzene	20.000	20.647	-3.2	105	0.00
85	n-Butylbenzene	20.000	19.673	1.6	108	0.00
86 T	Hexachloroethane	20.000	20.178	-0.9	108	0.00
87 M	1,2-Dichlorobenzene	20.000	20.897	-4.5	106	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	20.256	-1.3	103	0.00
89	1,2,4-Trichlorobenzene	20.000	19.963	0.2	108	0.00
90	Hexachlorobutadiene	20.000	21.150	-5.7	112	0.00
91 M	Naphthalene	20.000	21.124	-5.6	111	0.00
92	1,2,3-Trichlorobenzene	20.000	20.556	-2.8	110	0.00

(#) = Out of Range

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