

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072722\
 Data File : VN073605.D
 Acq On : 27 Jul 2022 14:04
 Operator : JC\MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICSVN072722

Quant Time: Jul 27 18:09:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072722W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jul 27 18:07:26 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	115	0.00
2 M	Dichlorodifluoromethane	20.000	21.555	-7.8	123	0.00
3 M	Chloromethane	20.000	22.139	-10.7	121	0.00
4 M	Vinyl Chloride	20.000	21.269	-6.3	121	0.00
5 M	Bromomethane	20.000	27.554	-37.8#	137	0.00
6 M	Chloroethane	20.000	20.694	-3.5	117	0.00
7 M	Trichlorofluoromethane	20.000	21.820	-9.1	127	0.00
8 T	Diethyl Ether	20.000	21.214	-6.1	129	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	22.051	-10.3	129	0.00
10 M	1,1-Dichloroethene	20.000	21.464	-7.3	128	0.00
11	Methyl Iodide	20.000	17.886	10.6	113	0.00
12	Methyl Acetate	20.000	21.007	-5.0	122	0.00
13 M	Acrolein	100.000	95.530	4.5	110	0.00
14 M	Acrylonitrile	100.000	105.007	-5.0	120	0.00
15 M	Acetone	100.000	111.920	-11.9	130	-0.01
16 M	Carbon Disulfide	20.000	20.817	-4.1	124	0.00
17	Allyl chloride	20.000	20.713	-3.6	124	0.00
18 M	Methylene Chloride	20.000	21.460	-7.3	127	0.00
19 M	trans-1,2-Dichloroethene	20.000	21.660	-8.3	127	-0.01
20 T	Diisopropyl ether	20.000	21.142	-5.7	123	0.00
21 M	1,1-Dichloroethane	20.000	20.892	-4.5	122	0.00
22 M	cis-1,2-Dichloroethene	20.000	21.366	-6.8	130	0.00
23 M	tert-Butyl Alcohol	100.000	106.161	-6.2	127	0.00
24 M	Methyl tert-Butyl Ether	20.000	21.852	-9.3	131	0.00
25 M	Chloroform	20.000	21.168	-5.8	121	0.00
26	Cyclohexane	20.000	21.376	-6.9	128	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.257	-0.9	112	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	122	0.00
29	1,1-Dichloropropene	20.000	20.886	-4.4	130	0.00
30 M	2-Butanone	100.000	101.990	-2.0	124	0.00
31	2,2-Dichloropropane	20.000	20.907	-4.5	130	0.00
32 M	1,1,1-Trichloroethane	20.000	21.232	-6.2	129	0.00
33 M	Carbon Tetrachloride	20.000	20.725	-3.6	130	0.00
34 M	Benzene	20.000	20.475	-2.4	124	0.00
35	Methacrylonitrile	20.000	22.871	-14.4	124	0.00
36 M	1,2-Dichloroethane	20.000	20.697	-3.5	123	0.00
37 M	Trichloroethene	20.000	21.087	-5.4	133	0.00
38	Methylcyclohexane	20.000	20.395	-2.0	130	0.00
39 M	1,2-Dichloropropane	20.000	20.306	-1.5	122	0.00
40	Dibromomethane	20.000	20.812	-4.1	126	0.00
41 M	Bromodichloromethane	20.000	20.125	-0.6	123	0.00
42 M	Vinyl Acetate	100.000	101.835	-1.8	125	0.00
43	Ethyl Acetate	20.000	20.919	-4.6	136	0.00
44	Isopropyl Acetate	20.000	20.558	-2.8	127	0.00
45 T	1,4-Dioxane	400.000	395.808	1.0	121	0.00
46	Methyl methacrylate	20.000	19.728	1.4	123	0.00
47	n-amyl Acetate	20.000	20.027	-0.1	131	0.00
48 M	t-1,3-Dichloropropene	20.000	20.286	-1.4	135	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	20.288	-1.4	129	0.00
50 M	1,1,2-Trichloroethane	20.000	20.350	-1.8	127	0.00
51	Ethyl methacrylate	20.000	20.065	-0.3	130	0.00
52	1,3-Dichloropropane	20.000	20.198	-1.0	126	0.00
53 M	Dibromochloromethane	20.000	19.827	0.9	126	0.00
54 M	1,2-Dibromoethane	20.000	20.350	-1.8	128	0.00
55 M	2-Chloroethyl vinyl ether	100.000	87.394	12.6	111	0.00
56 M	Bromoform	20.000	19.767	1.2	136	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	120	0.00
58 M	4-Methyl-2-Pentanone	100.000	103.587	-3.6	120	0.00
59 M	2-Hexanone	100.000	103.923	-3.9	122	0.00
60 S	4-Bromofluorobenzene	30.000	29.761	0.8	121	0.00
61 M	Tetrachloroethene	20.000	21.914	-9.6	131	0.00
62 M	Toluene	20.000	21.210	-6.1	126	0.00
63 S	Toluene-d8	30.000	30.095	-0.3	116	0.00
64 M	Chlorobenzene	20.000	21.105	-5.5	130	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.890	-4.5	129	0.00
66 M	Ethyl Benzene	20.000	20.677	-3.4	127	0.00
67 M	m/p-Xylenes	40.000	42.707	-6.8	130	0.00
68 M	o-Xylene	20.000	20.922	-4.6	129	0.00
69 M	Styrene	20.000	20.603	-3.0	127	0.00
70	Isopropylbenzene	20.000	21.149	-5.7	130	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.972	-4.9	125	0.00
72	1,2,3-Trichloropropane	20.000	24.581	-22.9	163	0.00
73	Bromobenzene	20.000	21.178	-5.9	134	0.00
74	n-propylbenzene	20.000	21.039	-5.2	131	0.00
75	2-Chlorotoluene	20.000	21.180	-5.9	129	0.00
76	1,3,5-Trimethylbenzene	20.000	21.105	-5.5	128	0.00
77	t-1,4-Dichloro-2-butene	20.000	19.960	0.2	131	0.00
78	4-Chlorotoluene	20.000	21.240	-6.2	132	0.00
79	tert-butylbenzene	20.000	21.530	-7.7	135	0.00
80	1,2,4-Trimethylbenzene	20.000	21.533	-7.7	131	0.00
81	sec-Butylbenzene	20.000	20.807	-4.0	131	0.00
82	p-Isopropyltoluene	20.000	20.753	-3.8	133	0.00
83 M	1,3-Dichlorobenzene	20.000	21.082	-5.4	134	0.00
84 M	1,4-Dichlorobenzene	20.000	21.211	-6.1	134	0.00
85	n-Butylbenzene	20.000	20.186	-0.9	136	0.00
86 T	Hexachloroethane	20.000	20.303	-1.5	130	0.00
87 M	1,2-Dichlorobenzene	20.000	21.492	-7.5	132	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	20.158	-0.8	124	0.00
89	1,2,4-Trichlorobenzene	20.000	20.921	-4.6	148	0.00
90	Hexachlorobutadiene	20.000	20.917	-4.6	138	0.00
91 M	Naphthalene	20.000	21.440	-7.2	146	0.00
92	1,2,3-Trichlorobenzene	20.000	21.382	-6.9	144	0.00

(#) = Out of Range

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