

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080822\
 Data File : VN073766.D
 Acq On : 08 Aug 2022 13:08
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Aug 09 00:24:37 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	107	0.00
2 M	Dichlorodifluoromethane	20.000	21.312	-6.6	113	0.00
3 M	Chloromethane	20.000	19.227	3.9	98	0.00
4 M	Vinyl Chloride	20.000	19.882	0.6	105	0.00
5 M	Bromomethane	20.000	24.114	-20.6	111	-0.01
6 M	Chloroethane	20.000	18.845	5.8	99	-0.01
7 M	Trichlorofluoromethane	20.000	27.071	-35.4#	146	-0.01
8 T	Diethyl Ether	20.000	20.109	-0.5	113	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	21.122	-5.6	115	0.00
10 M	1,1-Dichloroethene	20.000	20.750	-3.8	115	0.00
11	Methyl Iodide	20.000	16.236	18.8	96	0.00
12	Methyl Acetate	20.000	20.812	-4.1	112	0.00
13 M	Acrolein	100.000	134.049	-34.0#	143	0.00
14 M	Acrylonitrile	100.000	101.236	-1.2	107	0.00
15 M	Acetone	100.000	106.107	-6.1	114	0.00
16 M	Carbon Disulfide	20.000	19.222	3.9	106	0.00
17	Allyl chloride	20.000	19.921	0.4	111	0.00
18 M	Methylene Chloride	20.000	20.201	-1.0	111	0.00
19 M	trans-1,2-Dichloroethene	20.000	20.090	-0.4	110	0.00
20 T	Diisopropyl ether	20.000	19.516	2.4	105	0.00
21 M	1,1-Dichloroethane	20.000	19.996	0.0	109	0.00
22 M	cis-1,2-Dichloroethene	20.000	20.643	-3.2	116	0.00
23 M	tert-Butyl Alcohol	100.000	103.255	-3.3	115	0.00
24 M	Methyl tert-Butyl Ether	20.000	21.073	-5.4	118	0.00
25 M	Chloroform	20.000	20.469	-2.3	109	0.00
26	Cyclohexane	20.000	19.292	3.5	107	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.817	0.6	102	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	111	0.00
29	1,1-Dichloropropene	20.000	19.482	2.6	110	0.00
30 M	2-Butanone	100.000	100.190	-0.2	110	0.00
31	2,2-Dichloropropane	20.000	20.886	-4.4	118	0.00
32 M	1,1,1-Trichloroethane	20.000	20.628	-3.1	114	0.00
33 M	Carbon Tetrachloride	20.000	20.491	-2.5	116	0.00
34 M	Benzene	20.000	19.850	0.7	109	0.00
35	Methacrylonitrile	20.000	18.426	7.9	91	0.00
36 M	1,2-Dichloroethane	20.000	19.553	2.2	106	0.00
37 M	Trichloroethene	20.000	19.925	0.4	114	0.00
38	Methylcyclohexane	20.000	19.453	2.7	113	0.00
39 M	1,2-Dichloropropane	20.000	19.341	3.3	105	0.00
40	Dibromomethane	20.000	20.270	-1.3	111	0.00
41 M	Bromodichloromethane	20.000	20.113	-0.6	111	0.00
42 M	Vinyl Acetate	100.000	97.577	2.4	109	0.00
43	Ethyl Acetate	20.000	17.906	10.5	106	0.00
44	Isopropyl Acetate	20.000	19.514	2.4	109	0.00
45 T	1,4-Dioxane	400.000	440.185	-10.0	122	0.00
46	Methyl methacrylate	20.000	18.845	5.8	107	0.00
47	n-amyl Acetate	20.000	18.485	7.6	109	0.00
48 M	t-1,3-Dichloropropene	20.000	19.318	3.4	116	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	19.612	1.9	113	0.00
50 M	1,1,2-Trichloroethane	20.000	20.714	-3.6	117	0.00
51	Ethyl methacrylate	20.000	19.134	4.3	112	0.00
52	1,3-Dichloropropane	20.000	19.787	1.1	112	0.00
53 M	Dibromochloromethane	20.000	20.336	-1.7	117	0.00
54 M	1,2-Dibromoethane	20.000	20.043	-0.2	115	0.00
55 M	2-Chloroethyl vinyl ether	100.000	91.274	8.7	105	0.00
56 M	Bromoform	20.000	20.124	-0.6	125	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	110	0.00
58 M	4-Methyl-2-Pentanone	100.000	100.800	-0.8	107	0.00
59 M	2-Hexanone	100.000	100.481	-0.5	108	0.00
60 S	4-Bromofluorobenzene	30.000	28.795	4.0	107	0.00
61 M	Tetrachloroethene	20.000	20.700	-3.5	113	0.00
62 M	Toluene	20.000	20.390	-2.0	111	0.00
63 S	Toluene-d8	30.000	29.698	1.0	105	0.00
64 M	Chlorobenzene	20.000	20.512	-2.6	116	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.648	-3.2	117	0.00
66 M	Ethyl Benzene	20.000	19.745	1.3	111	0.00
67 M	m/p-Xylenes	40.000	40.809	-2.0	113	0.00
68 M	o-Xylene	20.000	20.280	-1.4	115	0.00
69 M	Styrene	20.000	20.099	-0.5	113	0.00
70	Isopropylbenzene	20.000	20.479	-2.4	115	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.699	-3.5	113	0.00
72	1,2,3-Trichloropropane	20.000	21.566	-7.8	131	0.00
73	Bromobenzene	20.000	20.391	-2.0	118	0.00
74	n-propylbenzene	20.000	19.978	0.1	114	0.00
75	2-Chlorotoluene	20.000	20.167	-0.8	112	0.00
76	1,3,5-Trimethylbenzene	20.000	20.353	-1.8	113	0.00
77	t-1,4-Dichloro-2-butene	20.000	19.056	4.7	115	0.00
78	4-Chlorotoluene	20.000	20.119	-0.6	114	0.00
79	tert-butylbenzene	20.000	20.157	-0.8	115	0.00
80	1,2,4-Trimethylbenzene	20.000	20.489	-2.4	114	0.00
81	sec-Butylbenzene	20.000	19.733	1.3	113	0.00
82	p-Isopropyltoluene	20.000	19.820	0.9	116	0.00
83 M	1,3-Dichlorobenzene	20.000	20.529	-2.6	120	0.00
84 M	1,4-Dichlorobenzene	20.000	20.414	-2.1	118	0.00
85	n-Butylbenzene	20.000	18.300	8.5	113	0.00
86 T	Hexachloroethane	20.000	19.863	0.7	117	0.00
87 M	1,2-Dichlorobenzene	20.000	21.036	-5.2	118	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	20.242	-1.2	114	0.00
89	1,2,4-Trichlorobenzene	20.000	19.637	1.8	127	0.00
90	Hexachlorobutadiene	20.000	20.846	-4.2	126	0.00
91 M	Naphthalene	20.000	19.947	0.3	124	0.00
92	1,2,3-Trichlorobenzene	20.000	20.865	-4.3	129	0.00

(#) = Out of Range

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