

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082322\
 Data File : VN074059.D
 Acq On : 23 Aug 2022 10:20
 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 24 01:19:56 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	146	0.00
2 M	Dichlorodifluoromethane	20.000	19.938	0.3	145	0.00
3 M	Chloromethane	20.000	17.860	10.7	124	0.00
4 M	Vinyl Chloride	20.000	16.798	16.0	122	0.00
5 M	Bromomethane	20.000	19.146	4.3	121	0.00
6 M	Chloroethane	20.000	15.841	20.8	114	0.00
7 M	Trichlorofluoromethane	20.000	20.410	-2.1	151	0.00
8 T	Diethyl Ether	20.000	19.789	1.1	152	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.267	-1.3	150	0.00
10 M	1,1-Dichloroethene	20.000	19.916	0.4	150	0.00
11	Methyl Iodide	20.000	18.435	7.8	148	0.00
12	Methyl Acetate	20.000	20.078	-0.4	148	0.00
13 M	Acrolein	100.000	63.265	36.7#	92	0.00
14 M	Acrylonitrile	100.000	95.827	4.2	138	0.00
15 M	Acetone	100.000	89.553	10.4	132	0.00
16 M	Carbon Disulfide	20.000	18.445	7.8	139	0.00
17	Allyl chloride	20.000	19.183	4.1	146	0.00
18 M	Methylene Chloride	20.000	19.489	2.6	147	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.479	2.6	145	0.00
20 T	Diisopropyl ether	20.000	18.614	6.9	138	0.00
21 M	1,1-Dichloroethane	20.000	19.220	3.9	143	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.903	0.5	153	0.00
23 M	tert-Butyl Alcohol	100.000	93.909	6.1	142	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.987	0.1	153	0.00
25 M	Chloroform	20.000	19.111	4.4	139	0.00
26	Cyclohexane	20.000	18.570	7.1	141	0.00
27 s	1,2-Dichloroethane-d4	30.000	28.177	6.1	132	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	154	0.00
29	1,1-Dichloropropene	20.000	17.968	10.2	141	0.00
30 M	2-Butanone	100.000	87.318	12.7	134	0.00
31	2,2-Dichloropropane	20.000	19.181	4.1	151	0.00
32 M	1,1,1-Trichloroethane	20.000	19.415	2.9	149	0.00
33 M	Carbon Tetrachloride	20.000	20.101	-0.5	159	0.00
34 M	Benzene	20.000	18.181	9.1	139	0.00
35	Methacrylonitrile	20.000	18.375	8.1	126	0.00
36 M	1,2-Dichloroethane	20.000	18.572	7.1	140	0.00
37 M	Trichloroethene	20.000	19.449	2.8	155	0.00
38	Methylcyclohexane	20.000	18.446	7.8	149	0.00
39 M	1,2-Dichloropropane	20.000	18.157	9.2	138	0.00
40	Dibromomethane	20.000	18.997	5.0	145	0.00
41 M	Bromodichloromethane	20.000	19.335	3.3	149	0.00
42 M	Vinyl Acetate	100.000	89.400	10.6	139	0.00
43	Ethyl Acetate	20.000	16.204	19.0	133	0.00
44	Isopropyl Acetate	20.000	17.401	13.0	136	0.00
45 T	1,4-Dioxane	400.000	367.400	8.2	142	0.00
46	Methyl methacrylate	20.000	17.421	12.9	138	0.00
47	n-amyl Acetate	20.000	17.567	12.2	145	0.00
48 M	t-1,3-Dichloropropene	20.000	18.378	8.1	154	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	18.785	6.1	151	0.00
50 M	1,1,2-Trichloroethane	20.000	18.527	7.4	146	0.00
51	Ethyl methacrylate	20.000	18.344	8.3	150	0.00
52	1,3-Dichloropropane	20.000	18.076	9.6	142	0.00
53 M	Dibromochloromethane	20.000	20.161	-0.8	162	0.00
54 M	1,2-Dibromoethane	20.000	18.932	5.3	151	0.00
55 M	2-Chloroethyl vinyl ether	100.000	106.089	-6.1	170	0.00
56 M	Bromoform	20.000	20.836	-4.2	181	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	148	0.00
58 M	4-Methyl-2-Pentanone	100.000	91.868	8.1	132	0.00
59 M	2-Hexanone	100.000	91.974	8.0	134	0.00
60 S	4-Bromofluorobenzene	30.000	30.906	-3.0	155	0.00
61 M	Tetrachloroethene	20.000	18.899	5.5	140	0.00
62 M	Toluene	20.000	19.163	4.2	141	0.00
63 S	Toluene-d8	30.000	29.362	2.1	140	0.00
64 M	Chlorobenzene	20.000	19.930	0.4	153	0.00
65	1,1,1,2-Tetrachloroethane	20.000	21.067	-5.3	161	0.00
66 M	Ethyl Benzene	20.000	19.074	4.6	145	0.00
67 M	m/p-Xylenes	40.000	39.672	0.8	149	0.00
68 M	o-Xylene	20.000	19.591	2.0	150	0.00
69 M	Styrene	20.000	19.717	1.4	150	0.00
70	Isopropylbenzene	20.000	19.628	1.9	149	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.711	1.4	145	0.00
72	1,2,3-Trichloropropane	20.000	16.254	18.7	133	0.00
73	Bromobenzene	20.000	20.148	-0.7	158	0.00
74	n-propylbenzene	20.000	19.206	4.0	148	0.00
75	2-Chlorotoluene	20.000	19.416	2.9	146	0.00
76	1,3,5-Trimethylbenzene	20.000	19.845	0.8	149	0.00
77	t-1,4-Dichloro-2-butene	20.000	19.149	4.3	156	0.00
78	4-Chlorotoluene	20.000	19.861	0.7	152	0.00
79	tert-butylbenzene	20.000	20.475	-2.4	159	0.00
80	1,2,4-Trimethylbenzene	20.000	19.761	1.2	149	0.00
81	sec-Butylbenzene	20.000	19.214	3.9	149	0.00
82	p-Isopropyltoluene	20.000	20.039	-0.2	159	0.00
83 M	1,3-Dichlorobenzene	20.000	20.171	-0.9	159	0.00
84 M	1,4-Dichlorobenzene	20.000	20.581	-2.9	161	0.00
85	n-Butylbenzene	20.000	19.156	4.2	160	0.00
86 T	Hexachloroethane	20.000	20.529	-2.6	163	0.00
87 M	1,2-Dichlorobenzene	20.000	20.419	-2.1	155	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	20.955	-4.8	160	0.00
89	1,2,4-Trichlorobenzene	20.000	22.209	-11.0	195	0.00
90	Hexachlorobutadiene	20.000	22.852	-14.3	186	0.00
91 M	Naphthalene	20.000	21.772	-8.9	183	0.00
92	1,2,3-Trichlorobenzene	20.000	22.152	-10.8	185	0.00

(#) = Out of Range

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