

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080822\
 Data File : VN073776.D
 Acq On : 08 Aug 2022 17:40
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Aug 09 00:29:22 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	104	0.00
2 M	Dichlorodifluoromethane	20.000	18.595	7.0	97	0.00
3 M	Chloromethane	20.000	17.812	10.9	89	0.00
4 M	Vinyl Chloride	20.000	18.337	8.3	95	0.00
5 M	Bromomethane	20.000	12.001	40.0#	54	0.00
6 M	Chloroethane	20.000	18.041	9.8	92	-0.01
7 M	Trichlorofluoromethane	20.000	25.295	-26.5#	133	0.00
8 T	Diethyl Ether	20.000	18.786	6.1	103	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	18.853	5.7	100	0.00
10 M	1,1-Dichloroethene	20.000	19.193	4.0	103	0.00
11	Methyl Iodide	20.000	6.382	68.1#	37	0.00
12	Methyl Acetate	20.000	20.175	-0.9	106	0.00
13 M	Acrolein	100.000	116.094	-16.1	121	0.00
14 M	Acrylonitrile	100.000	100.383	-0.4	104	0.00
15 M	Acetone	100.000	102.832	-2.8	108	0.00
16 M	Carbon Disulfide	20.000	17.920	10.4	97	0.00
17	Allyl chloride	20.000	18.384	8.1	100	0.00
18 M	Methylene Chloride	20.000	19.610	2.0	106	0.00
19 M	trans-1,2-Dichloroethene	20.000	18.421	7.9	98	-0.01
20 T	Diisopropyl ether	20.000	18.777	6.1	99	0.00
21 M	1,1-Dichloroethane	20.000	18.806	6.0	100	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.505	2.5	107	0.00
23 M	tert-Butyl Alcohol	100.000	100.735	-0.7	109	0.01
24 M	Methyl tert-Butyl Ether	20.000	19.308	3.5	105	0.00
25 M	Chloroform	20.000	19.516	2.4	101	0.00
26	Cyclohexane	20.000	17.501	12.5	95	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.850	0.5	100	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	104	0.00
29	1,1-Dichloropropene	20.000	18.700	6.5	98	0.00
30 M	2-Butanone	100.000	102.252	-2.3	105	0.00
31	2,2-Dichloropropane	20.000	18.868	5.7	99	0.00
32 M	1,1,1-Trichloroethane	20.000	20.193	-1.0	104	0.00
33 M	Carbon Tetrachloride	20.000	19.554	2.2	104	0.00
34 M	Benzene	20.000	19.370	3.1	99	0.00
35	Methacrylonitrile	20.000	23.209	-16.0	107	0.00
36 M	1,2-Dichloroethane	20.000	19.667	1.7	99	0.00
37 M	Trichloroethene	20.000	19.223	3.9	103	0.00
38	Methylcyclohexane	20.000	17.551	12.2	95	0.00
39 M	1,2-Dichloropropane	20.000	20.097	-0.5	102	0.00
40	Dibromomethane	20.000	19.843	0.8	102	0.00
41 M	Bromodichloromethane	20.000	19.847	0.8	103	0.00
42 M	Vinyl Acetate	100.000	95.021	5.0	99	0.00
43	Ethyl Acetate	20.000	18.970	5.2	105	0.00
44	Isopropyl Acetate	20.000	19.568	2.2	102	0.00
45 T	1,4-Dioxane	400.000	442.714	-10.7	115	0.00
46	Methyl methacrylate	20.000	18.666	6.7	99	0.00
47	n-amyl Acetate	20.000	18.179	9.1	101	0.00
48 M	t-1,3-Dichloropropene	20.000	17.922	10.4	101	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	18.643	6.8	100	0.00
50 M	1,1,2-Trichloroethane	20.000	20.186	-0.9	107	0.00
51	Ethyl methacrylate	20.000	18.640	6.8	102	0.00
52	1,3-Dichloropropane	20.000	19.818	0.9	105	0.00
53 M	Dibromochloromethane	20.000	19.787	1.1	106	0.00
54 M	1,2-Dibromoethane	20.000	19.813	0.9	106	0.00
55 M	2-Chloroethyl vinyl ether	100.000	84.877	15.1	91	0.00
56 M	Bromoform	20.000	19.481	2.6	113	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	103	0.00
58 M	4-Methyl-2-Pentanone	100.000	102.314	-2.3	102	0.00
59 M	2-Hexanone	100.000	102.027	-2.0	103	0.00
60 S	4-Bromofluorobenzene	30.000	29.253	2.5	102	0.00
61 M	Tetrachloroethene	20.000	19.357	3.2	100	0.00
62 M	Toluene	20.000	19.590	2.1	100	0.00
63 S	Toluene-d8	30.000	30.258	-0.9	100	0.00
64 M	Chlorobenzene	20.000	19.458	2.7	104	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.173	-0.9	107	0.00
66 M	Ethyl Benzene	20.000	18.662	6.7	99	0.00
67 M	m/p-Xylenes	40.000	38.675	3.3	101	0.00
68 M	o-Xylene	20.000	19.144	4.3	102	0.00
69 M	Styrene	20.000	19.172	4.1	102	0.00
70	Isopropylbenzene	20.000	19.202	4.0	101	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.706	-3.5	106	0.00
72	1,2,3-Trichloropropane	20.000	22.052	-10.3	126	0.00
73	Bromobenzene	20.000	19.839	0.8	108	0.00
74	n-propylbenzene	20.000	18.617	6.9	100	0.00
75	2-Chlorotoluene	20.000	19.079	4.6	100	0.00
76	1,3,5-Trimethylbenzene	20.000	19.252	3.7	101	0.00
77	t-1,4-Dichloro-2-butene	20.000	17.377	13.1	99	0.00
78	4-Chlorotoluene	20.000	18.781	6.1	100	0.00
79	tert-butylbenzene	20.000	19.603	2.0	106	0.00
80	1,2,4-Trimethylbenzene	20.000	19.415	2.9	102	0.00
81	sec-Butylbenzene	20.000	19.085	4.6	103	0.00
82	p-Isopropyltoluene	20.000	18.465	7.7	102	0.00
83 M	1,3-Dichlorobenzene	20.000	18.904	5.5	104	0.00
84 M	1,4-Dichlorobenzene	20.000	18.456	7.7	100	0.00
85	n-Butylbenzene	20.000	16.742	16.3	97	0.00
86 T	Hexachloroethane	20.000	18.948	5.3	105	0.00
87 M	1,2-Dichlorobenzene	20.000	20.003	-0.0	106	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	20.280	-1.4	108	0.00
89	1,2,4-Trichlorobenzene	20.000	17.248	13.8	105	0.00
90	Hexachlorobutadiene	20.000	19.256	3.7	109	0.00
91 M	Naphthalene	20.000	18.600	7.0	109	0.00
92	1,2,3-Trichlorobenzene	20.000	18.281	8.6	106	0.00

(#) = Out of Range

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