

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062422\
 Data File : VN073074.D
 Acq On : 24 Jun 2022 10:38
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Jun 24 23:32:51 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	106	0.00
2 M	Dichlorodifluoromethane	20.000	20.808	-4.0	104	0.00
3 M	Chloromethane	20.000	20.524	-2.6	107	0.00
4 M	Vinyl Chloride	20.000	19.762	1.2	101	0.00
5 M	Bromomethane	20.000	28.206	-41.0#	119	0.00
6 M	Chloroethane	20.000	20.042	-0.2	100	0.00
7 M	Trichlorofluoromethane	20.000	20.069	-0.3	107	0.00
8 T	Diethyl Ether	20.000	19.324	3.4	100	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	21.064	-5.3	112	-0.01
10 M	1,1-Dichloroethene	20.000	19.607	2.0	104	0.00
11	Methyl Iodide	20.000	17.286	13.6	102	0.00
12	Methyl Acetate	20.000	17.016	14.9	91	0.00
13 M	Acrolein	100.000	120.812	-20.8	124	0.00
14 M	Acrylonitrile	100.000	92.127	7.9	98	0.00
15 M	Acetone	100.000	85.849	14.2	88	0.00
16 M	Carbon Disulfide	20.000	19.157	4.2	105	0.00
17	Allyl chloride	20.000	20.613	-3.1	113	0.00
18 M	Methylene Chloride	20.000	18.829	5.9	101	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.294	3.5	102	0.00
20 T	Diisopropyl ether	20.000	19.271	3.6	104	0.00
21 M	1,1-Dichloroethane	20.000	18.948	5.3	102	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.910	0.4	107	0.00
23 M	tert-Butyl Alcohol	100.000	84.951	15.0	94	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.039	4.8	101	-0.01
25 M	Chloroform	20.000	19.326	3.4	103	-0.01
26	Cyclohexane	20.000	20.067	-0.3	108	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.149	2.8	101	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	105	0.00
29	1,1-Dichloropropene	20.000	19.265	3.7	105	0.00
30 M	2-Butanone	100.000	91.452	8.5	96	0.00
31	2,2-Dichloropropane	20.000	47.263	-136.3#	244	0.00
32 M	1,1,1-Trichloroethane	20.000	18.932	5.3	103	0.00
33 M	Carbon Tetrachloride	20.000	19.445	2.8	106	0.00
34 M	Benzene	20.000	19.633	1.8	103	0.00
35	Methacrylonitrile	20.000	20.808	-4.0	108	0.00
36 M	1,2-Dichloroethane	20.000	19.091	4.5	102	0.00
37 M	Trichloroethene	20.000	19.500	2.5	107	0.00
38	Methylcyclohexane	20.000	20.914	-4.6	112	0.00
39 M	1,2-Dichloropropane	20.000	19.413	2.9	104	0.00
40	Dibromomethane	20.000	19.368	3.2	103	0.00
41 M	Bromodichloromethane	20.000	18.711	6.4	103	0.00
42 M	Vinyl Acetate	100.000	97.901	2.1	105	0.00
43	Ethyl Acetate	20.000	19.594	2.0	97	0.00
44	Isopropyl Acetate	20.000	18.870	5.6	103	0.00
45 T	1,4-Dioxane	400.000	348.879	12.8	93	0.00
46	Methyl methacrylate	20.000	18.839	5.8	105	0.00
47	n-amyl Acetate	20.000	19.020	4.9	108	0.00
48 M	t-1,3-Dichloropropene	20.000	21.862	-9.3	123	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	21.960	-9.8	121	0.00
50 M	1,1,2-Trichloroethane	20.000	19.099	4.5	102	0.00
51	Ethyl methacrylate	20.000	18.920	5.4	103	0.00
52	1,3-Dichloropropane	20.000	19.343	3.3	105	0.00
53 M	Dibromochloromethane	20.000	18.826	5.9	106	0.00
54 M	1,2-Dibromoethane	20.000	18.927	5.4	103	0.00
55 M	2-Chloroethyl vinyl ether	100.000	98.602	1.4	103	0.00
56 M	Bromoform	20.000	18.066	9.7	106	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	104	0.00
58 M	4-Methyl-2-Pentanone	100.000	95.402	4.6	97	0.00
59 M	2-Hexanone	100.000	94.837	5.2	98	0.00
60 S	4-Bromofluorobenzene	30.000	30.419	-1.4	110	0.00
61 M	Tetrachloroethene	20.000	20.410	-2.1	108	0.00
62 M	Toluene	20.000	20.154	-0.8	104	0.00
63 S	Toluene-d8	30.000	30.464	-1.5	104	0.00
64 M	Chlorobenzene	20.000	19.911	0.4	105	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.949	0.3	106	0.00
66 M	Ethyl Benzene	20.000	19.633	1.8	104	0.00
67 M	m/p-Xylenes	40.000	40.383	-1.0	106	0.00
68 M	o-Xylene	20.000	20.247	-1.2	106	0.00
69 M	Styrene	20.000	19.529	2.4	103	0.00
70	Isopropylbenzene	20.000	20.362	-1.8	107	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.510	2.4	103	0.00
72	1,2,3-Trichloropropane	20.000	23.724	-18.6	121	0.00
73	Bromobenzene	20.000	19.851	0.7	107	0.00
74	n-propylbenzene	20.000	20.200	-1.0	110	0.00
75	2-Chlorotoluene	20.000	20.143	-0.7	108	0.00
76	1,3,5-Trimethylbenzene	20.000	19.929	0.4	107	0.00
77	t-1,4-Dichloro-2-butene	20.000	25.114	-25.6#	146	0.00
78	4-Chlorotoluene	20.000	19.831	0.8	107	0.00
79	tert-butylbenzene	20.000	19.507	2.5	104	0.00
80	1,2,4-Trimethylbenzene	20.000	20.086	-0.4	107	0.00
81	sec-Butylbenzene	20.000	19.999	0.0	108	0.00
82	p-Isopropyltoluene	20.000	20.211	-1.1	109	0.00
83 M	1,3-Dichlorobenzene	20.000	20.747	-3.7	112	0.00
84 M	1,4-Dichlorobenzene	20.000	19.788	1.1	107	0.00
85	n-Butylbenzene	20.000	19.851	0.7	115	0.00
86 T	Hexachloroethane	20.000	19.049	4.8	108	0.00
87 M	1,2-Dichlorobenzene	20.000	19.835	0.8	107	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	18.670	6.6	101	0.00
89	1,2,4-Trichlorobenzene	20.000	19.762	1.2	114	0.00
90	Hexachlorobutadiene	20.000	21.536	-7.7	121	0.00
91 M	Naphthalene	20.000	19.850	0.7	110	0.00
92	1,2,3-Trichlorobenzene	20.000	20.317	-1.6	115	0.00

(#) = Out of Range

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