

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060822\
 Data File : VN072700.D
 Acq On : 08 Jun 2022 13:55
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Jun 09 03:22:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N060622W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jun 06 14:10:15 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	75	0.00
2 M	Dichlorodifluoromethane	50.000	19.392	61.2#	31	0.00
3 M	Chloromethane	50.000	19.294	61.4#	31	0.00
4 M	Vinyl Chloride	50.000	19.295	61.4#	30	0.00
5 M	Bromomethane	50.000	21.501	57.0#	36	-0.01
6 M	Chloroethane	50.000	20.714	58.6#	34	0.00
7 M	Trichlorofluoromethane	50.000	18.623	62.8#	29	0.00
8 T	Diethyl Ether	50.000	19.738	60.5#	30	0.00
9	1,1,2-Trichlorotrifluoroeth	50.000	19.819	60.4#	31	0.00
10 M	1,1-Dichloroethene	50.000	18.132	63.7#	29	0.00
11	Methyl Iodide	50.000	18.781	62.4#	28	0.00
12	Methyl Acetate	50.000	21.066	57.9#	33	0.00
13 M	Acrolein	250.000	98.662	60.5#	33	0.00
14 M	Acrylonitrile	250.000	104.618	58.2#	32	0.00
15 M	Acetone	250.000	102.218	59.1#	32	0.00
16 M	Carbon Disulfide	50.000	17.130	65.7#	29	0.00
17	Allyl chloride	50.000	19.660	60.7#	30	-0.01
18 M	Methylene Chloride	50.000	20.268	59.5#	32	0.00
19 M	trans-1,2-Dichloroethene	50.000	18.866	62.3#	29	0.00
20 T	Diisopropyl ether	50.000	21.099	57.8#	32	0.00
21 M	1,1-Dichloroethane	50.000	19.830	60.3#	31	0.00
22 M	cis-1,2-Dichloroethene	50.000	19.813	60.4#	31	0.00
23 M	tert-Butyl Alcohol	250.000	96.116	61.6#	31	0.01
24 M	Methyl tert-Butyl Ether	50.000	20.134	59.7#	31	0.00
25 M	Chloroform	50.000	20.169	59.7#	31	0.00
26	Cyclohexane	50.000	19.030	61.9#	30	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.706	-2.4	76	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	74	0.00
29	1,1-Dichloropropene	50.000	18.708	62.6#	29	0.00
30 M	2-Butanone	250.000	103.011	58.8#	32	0.00
31	2,2-Dichloropropane	50.000	17.533	64.9#	28	0.00
32 M	1,1,1-Trichloroethane	50.000	19.231	61.5#	30	0.00
33 M	Carbon Tetrachloride	50.000	18.480	63.0#	29	0.00
34 M	Benzene	50.000	20.095	59.8#	31	0.00
35	Methacrylonitrile	50.000	21.677	56.6#	34	0.00
36 M	1,2-Dichloroethane	50.000	20.262	59.5#	32	0.00
37 M	Trichloroethene	50.000	19.779	60.4#	31	0.00
38	Methylcyclohexane	50.000	19.183	61.6#	30	0.00
39 M	1,2-Dichloropropane	50.000	20.229	59.5#	32	0.00
40	Dibromomethane	50.000	20.433	59.1#	32	0.00
41 M	Bromodichloromethane	50.000	19.948	60.1#	31	0.00
42 M	Vinyl Acetate	250.000	103.373	58.7#	32	0.00
43	Ethyl Acetate	50.000	22.020	56.0#	35	0.00
44	Isopropyl Acetate	50.000	20.657	58.7#	32	0.00
45 T	1,4-Dioxane	1000.000	400.951	59.9#	31	0.00
46	Methyl methacrylate	50.000	19.819	60.4#	32	0.00
47	n-amyl Acetate	50.000	19.172	61.7#	28	0.00
48 M	t-1,3-Dichloropropene	50.000	19.223	61.6#	30	0.00

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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)
49 T	cis-1,3-Dichloropropene	50.000	19.451	61.1#	30	0.00
50 M	1,1,2-Trichloroethane	50.000	20.488	59.0#	32	0.00
51	Ethyl methacrylate	50.000	20.046	59.9#	31	0.00
52	1,3-Dichloropropane	50.000	20.881	58.2#	33	0.00
53 M	Dibromochloromethane	50.000	19.868	60.3#	31	0.00
54 M	1,2-Dibromoethane	50.000	20.131	59.7#	32	0.00
55 M	2-Chloroethyl vinyl ether	250.000	102.579	59.0#	31	0.00
56 M	Bromoform	50.000	19.400	61.2#	30	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	74	0.00
58 M	4-Methyl-2-Pentanone	250.000	107.678	56.9#	33	0.00
59 M	2-Hexanone	250.000	104.958	58.0#	32	0.00
60 S	4-Bromofluorobenzene	30.000	27.690	7.7	66	0.00
61 M	Tetrachloroethene	50.000	20.867	58.3#	33	0.00
62 M	Toluene	50.000	20.079	59.8#	31	0.00
63 S	Toluene-d8	30.000	30.510	-1.7	75	0.00
64 M	Chlorobenzene	50.000	19.825	60.4#	31	0.00
65	1,1,1,2-Tetrachloroethane	50.000	19.850	60.3#	30	0.00
66 M	Ethyl Benzene	50.000	19.537	60.9#	30	0.00
67 M	m/p-Xylenes	100.000	38.838	61.2#	30	0.00
68 M	o-Xylene	50.000	19.554	60.9#	31	0.00
69 M	Styrene	50.000	19.052	61.9#	29	0.00
70	Isopropylbenzene	50.000	19.647	60.7#	30	0.00
71 M	1,1,2,2-Tetrachloroethane	50.000	20.950	58.1#	31	0.00
72	1,2,3-Trichloropropane	50.000	23.033	53.9#	36	0.00
73	Bromobenzene	50.000	19.162	61.7#	29	0.00
74	n-propylbenzene	50.000	18.845	62.3#	28	0.00
75	2-Chlorotoluene	50.000	18.911	62.2#	29	0.00
76	1,3,5-Trimethylbenzene	50.000	19.360	61.3#	29	0.00
77	t-1,4-Dichloro-2-butene	50.000	18.083	63.8#	26	0.00
78	4-Chlorotoluene	50.000	18.582	62.8#	28	0.00
79	tert-butylbenzene	50.000	18.995	62.0#	29	0.00
80	1,2,4-Trimethylbenzene	50.000	18.878	62.2#	28	0.00
81	sec-Butylbenzene	50.000	18.878	62.2#	28	0.00
82	p-Isopropyltoluene	50.000	18.702	62.6#	28	0.00
83 M	1,3-Dichlorobenzene	50.000	18.503	63.0#	28	0.00
84 M	1,4-Dichlorobenzene	50.000	18.865	62.3#	29	0.00
85	n-Butylbenzene	50.000	18.480	63.0#	27	0.00
86 T	Hexachloroethane	50.000	17.907	64.2#	27	0.00
87 M	1,2-Dichlorobenzene	50.000	18.863	62.3#	28	0.00
88	1,2-Dibromo-3-Chloropropane	50.000	18.994	62.0#	28	0.00
89	1,2,4-Trichlorobenzene	50.000	17.864	64.3#	27	0.00
90	Hexachlorobutadiene	50.000	18.686	62.6#	28	0.00
91 M	Naphthalene	50.000	17.517	65.0#	27	0.00
92	1,2,3-Trichlorobenzene	50.000	18.763	62.5#	28	0.00

(#) = Out of Range

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