

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041422\
 Data File : VN072000.D
 Acq On : 14 Apr 2022 16:43
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Apr 15 01:38:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N032422W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 24 12:03:44 2022
 Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 20% Max. R.T. Dev 0.50min
 Max. RRF Dev : 30% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	30.000	30.000	0.0	76	0.00
2 M	Dichlorodifluoromethane	20.000	21.650	-8.2	79	0.00
3 M	Chloromethane	20.000	19.146	4.3	73	0.00
4 M	Vinyl Chloride	20.000	17.111	14.4	66	0.00
5 M	Bromomethane	20.000	16.520	17.4	56	-0.01
6 M	Chloroethane	20.000	16.451	17.7	63	0.00
7 M	Trichlorofluoromethane	20.000	18.873	5.6	72	0.00
8 T	Diethyl Ether	20.000	18.944	5.3	73	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.313	-1.6	77	0.00
10 M	1,1-Dichloroethene	20.000	19.328	3.4	74	0.00
11	Methyl Iodide	20.000	13.262	33.7#	52	-0.01
12	Methyl Acetate	20.000	18.658	6.7	72	0.00
13 M	Acrolein	100.000	97.189	2.8	79	0.00
14 M	Acrylonitrile	100.000	97.390	2.6	76	0.00
15 M	Acetone	100.000	89.183	10.8	66	0.00
16 M	Carbon Disulfide	20.000	19.917	0.4	79	0.00
17	Allyl chloride	20.000	17.486	12.6	69	0.00
18 M	Methylene Chloride	20.000	19.688	1.6	76	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.895	0.5	77	0.00
20 T	Diisopropyl ether	20.000	18.392	8.0	70	0.00
21 M	1,1-Dichloroethane	20.000	19.144	4.3	74	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.292	3.5	74	0.00
23 M	tert-Butyl Alcohol	100.000	85.219	14.8	69	0.01
24 M	Methyl tert-Butyl Ether	20.000	18.679	6.6	72	0.00
25 M	Chloroform	20.000	19.418	2.9	74	0.00
26	Cyclohexane	20.000	18.847	5.8	73	0.00
27 s	1,2-Dichloroethane-d4	30.000	28.159	6.1	71	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	74	0.00
29	1,1-Dichloropropene	20.000	19.842	0.8	75	0.00
30 M	2-Butanone	100.000	91.897	8.1	69	0.00
31	2,2-Dichloropropane	20.000	17.641	11.8	67	0.00
32 M	1,1,1-Trichloroethane	20.000	19.431	2.8	73	0.00
33 M	Carbon Tetrachloride	20.000	19.547	2.3	73	0.00
34 M	Benzene	20.000	20.639	-3.2	77	0.00
35	Methacrylonitrile	20.000	18.894	5.5	68	0.00
36 M	1,2-Dichloroethane	20.000	18.829	5.9	71	0.00
37 M	Trichloroethene	20.000	20.929	-4.6	80	0.00
38	Methylcyclohexane	20.000	19.925	0.4	75	0.00
39 M	1,2-Dichloropropane	20.000	20.064	-0.3	75	0.00
40	Dibromomethane	20.000	20.083	-0.4	75	0.00
41 M	Bromodichloromethane	20.000	19.512	2.4	74	0.00
42 M	Vinyl Acetate	100.000	90.352	9.6	69	0.00
43	Ethyl Acetate	20.000	19.805	1.0	73	0.00
44	Isopropyl Acetate	20.000	17.536	12.3	68	0.00
45 T	1,4-Dioxane	400.000	422.209	-5.6	78	0.00
46	Methyl methacrylate	20.000	19.057	4.7	76	0.00
47	n-amyl Acetate	20.000	16.273	18.6	68	0.00
48 M	t-1,3-Dichloropropene	20.000	18.216	8.9	72	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	19.304	3.5	75	0.00
50 M	1,1,2-Trichloroethane	20.000	21.080	-5.4	79	0.00
51	Ethyl methacrylate	20.000	19.266	3.7	77	0.00
52	1,3-Dichloropropane	20.000	20.405	-2.0	76	0.00
53 M	Dibromochloromethane	20.000	20.229	-1.1	78	0.00
54 M	1,2-Dibromoethane	20.000	19.920	0.4	77	0.00
55 M	2-Chloroethyl vinyl ether	100.000	166.448	-66.4#	129	0.00
56 M	Bromoform	20.000	19.537	2.3	77	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	78	0.00
58 M	4-Methyl-2-Pentanone	100.000	93.050	7.0	73	0.00
59 M	2-Hexanone	100.000	90.635	9.4	72	0.00
60 S	4-Bromofluorobenzene	30.000	28.994	3.4	76	0.00
61 M	Tetrachloroethene	20.000	22.029	-10.1	85	0.00
62 M	Toluene	20.000	20.341	-1.7	79	0.00
63 S	Toluene-d8	30.000	29.986	0.0	75	0.00
64 M	Chlorobenzene	20.000	19.781	1.1	79	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.613	1.9	76	0.00
66 M	Ethyl Benzene	20.000	19.231	3.8	77	0.00
67 M	m/p-Xylenes	40.000	39.273	1.8	77	0.00
68 M	o-Xylene	20.000	19.020	4.9	76	0.00
69 M	Styrene	20.000	19.075	4.6	78	0.00
70	Isopropylbenzene	20.000	19.367	3.2	77	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.602	2.0	75	0.00
72	1,2,3-Trichloropropane	20.000	20.143	-0.7	77	0.00
73	Bromobenzene	20.000	19.022	4.9	78	0.00
74	n-propylbenzene	20.000	18.934	5.3	77	0.00
75	2-Chlorotoluene	20.000	19.144	4.3	76	0.00
76	1,3,5-Trimethylbenzene	20.000	19.938	0.3	78	0.00
77	t-1,4-Dichloro-2-butene	20.000	15.966	20.2	70	0.00
78	4-Chlorotoluene	20.000	18.336	8.3	75	0.00
79	tert-butylbenzene	20.000	19.053	4.7	76	0.00
80	1,2,4-Trimethylbenzene	20.000	19.411	2.9	78	0.00
81	sec-Butylbenzene	20.000	18.942	5.3	77	0.00
82	p-Isopropyltoluene	20.000	18.805	6.0	78	0.00
83 M	1,3-Dichlorobenzene	20.000	19.099	4.5	79	0.00
84 M	1,4-Dichlorobenzene	20.000	18.797	6.0	78	0.00
85	n-Butylbenzene	20.000	17.427	12.9	77	0.00
86 T	Hexachloroethane	20.000	16.857	15.7	69	0.00
87 M	1,2-Dichlorobenzene	20.000	19.307	3.5	76	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	17.451	12.7	73	0.00
89	1,2,4-Trichlorobenzene	20.000	19.331	3.3	86	0.00
90	Hexachlorobutadiene	20.000	21.189	-5.9	86	0.00
91 M	Naphthalene	20.000	20.293	-1.5	90	0.00
92	1,2,3-Trichlorobenzene	20.000	19.989	0.1	89	0.00

(#) = Out of Range

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