

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031722\
 Data File : VN071345.D
 Acq On : 17 Mar 2022 10:26
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Mar 17 10:44:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N031722W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 17 06:37:08 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	104	0.00
2 M	Dichlorodifluoromethane	20.000	20.917	-4.6	108	0.00
3 M	Chloromethane	20.000	19.822	0.9	103	0.00
4 M	Vinyl Chloride	20.000	20.363	-1.8	105	0.00
5 M	Bromomethane	20.000	23.528	-17.6	113	0.00
6 M	Chloroethane	20.000	21.707	-8.5	111	0.00
7 M	Trichlorofluoromethane	20.000	20.647	-3.2	108	0.00
8 T	Diethyl Ether	20.000	19.101	4.5	104	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	21.473	-7.4	113	0.00
10 M	1,1-Dichloroethene	20.000	19.696	1.5	105	0.00
11	Methyl Iodide	20.000	18.909	5.5	103	0.00
12	Methyl Acetate	20.000	17.890	10.5	96	0.00
13 M	Acrolein	100.000	84.469	15.5	89	0.00
14 M	Acrylonitrile	100.000	89.880	10.1	96	0.00
15 M	Acetone	100.000	120.221	-20.2	129	0.00
16 M	Carbon Disulfide	20.000	20.220	-1.1	111	0.00
17	Allyl chloride	20.000	19.525	2.4	104	0.00
18 M	Methylene Chloride	20.000	19.838	0.8	105	0.00
19 M	trans-1,2-Dichloroethene	20.000	20.148	-0.7	108	0.00
20 T	Diisopropyl ether	20.000	19.933	0.3	109	0.00
21 M	1,1-Dichloroethane	20.000	19.640	1.8	103	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.998	0.0	107	0.00
23 M	tert-Butyl Alcohol	100.000	83.805	16.2	92	-0.02
24 M	Methyl tert-Butyl Ether	20.000	19.579	2.1	105	0.00
25 M	Chloroform	20.000	19.877	0.6	104	0.00
26	Cyclohexane	20.000	20.507	-2.5	110	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.248	-0.8	105	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	107	0.00
29	1,1-Dichloropropene	20.000	19.930	0.4	109	0.00
30 M	2-Butanone	100.000	96.340	3.7	105	0.00
31	2,2-Dichloropropane	20.000	24.218	-21.1	130	0.00
32 M	1,1,1-Trichloroethane	20.000	19.311	3.4	104	0.00
33 M	Carbon Tetrachloride	20.000	19.380	3.1	104	0.00
34 M	Benzene	20.000	19.262	3.7	103	0.00
35	Methacrylonitrile	20.000	19.367	3.2	103	0.00
36 M	1,2-Dichloroethane	20.000	19.173	4.1	103	0.00
37 M	Trichloroethene	20.000	19.690	1.5	109	0.00
38	Methylcyclohexane	20.000	20.452	-2.3	113	0.00
39 M	1,2-Dichloropropane	20.000	19.215	3.9	103	0.00
40	Dibromomethane	20.000	18.836	5.8	102	0.00
41 M	Bromodichloromethane	20.000	19.419	2.9	106	0.00
42 M	Vinyl Acetate	100.000	95.264	4.7	103	0.00
43	Ethyl Acetate	20.000	17.993	10.0	98	0.00
44	Isopropyl Acetate	20.000	18.410	7.9	102	0.00
45 T	1,4-Dioxane	400.000	334.258	16.4	90	0.00
46	Methyl methacrylate	20.000	17.548	12.3	102	0.00
47	n-amyl Acetate	20.000	17.258	13.7	100	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)

48 M	t-1,3-Dichloropropene	20.000	19.331	3.3	109	0.00
49 T	cis-1,3-Dichloropropene	20.000	19.686	1.6	109	0.00
50 M	1,1,2-Trichloroethane	20.000	18.745	6.3	103	0.00
51	Ethyl methacrylate	20.000	18.158	9.2	103	0.00
52	1,3-Dichloropropane	20.000	19.159	4.2	104	0.00
53 M	Dibromochloromethane	20.000	18.848	5.8	104	0.00
54 M	1,2-Dibromoethane	20.000	18.809	6.0	105	0.00
55 M	2-Chloroethyl vinyl ether	100.000	68.510	31.5#	84	0.00
56 M	Bromoform	20.000	17.235	13.8	100	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	105	0.00
58 M	4-Methyl-2-Pentanone	100.000	93.589	6.4	97	0.00
59 M	2-Hexanone	100.000	93.403	6.6	98	0.00
60 S	4-Bromofluorobenzene	30.000	30.263	-0.9	107	0.00
61 M	Tetrachloroethene	20.000	20.524	-2.6	109	0.00
62 M	Toluene	20.000	20.214	-1.1	104	0.00
63 S	Toluene-d8	30.000	31.033	-3.4	107	0.00
64 M	Chlorobenzene	20.000	19.814	0.9	105	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.934	0.3	104	0.00
66 M	Ethyl Benzene	20.000	19.771	1.1	105	0.00
67 M	m/p-Xylenes	40.000	40.217	-0.5	107	0.00
68 M	o-Xylene	20.000	19.721	1.4	103	0.00
69 M	Styrene	20.000	19.404	3.0	105	0.00
70	Isopropylbenzene	20.000	20.074	-0.4	107	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.269	3.7	100	0.00
72	1,2,3-Trichloropropane	20.000	19.554	2.2	113	0.00
73	Bromobenzene	20.000	19.873	0.6	107	0.00
74	n-propylbenzene	20.000	19.933	0.3	108	0.00
75	2-Chlorotoluene	20.000	19.804	1.0	106	0.00
76	1,3,5-Trimethylbenzene	20.000	20.103	-0.5	107	0.00
77	t-1,4-Dichloro-2-butene	20.000	19.285	3.6	109	0.00
78	4-Chlorotoluene	20.000	20.035	-0.2	111	0.00
79	tert-butylbenzene	20.000	19.870	0.6	106	0.00
80	1,2,4-Trimethylbenzene	20.000	20.001	-0.0	104	0.00
81	sec-Butylbenzene	20.000	19.799	1.0	109	0.00
82	p-Isopropyltoluene	20.000	19.870	0.6	109	0.00
83 M	1,3-Dichlorobenzene	20.000	20.097	-0.5	109	0.00
84 M	1,4-Dichlorobenzene	20.000	20.022	-0.1	110	0.00
85	n-Butylbenzene	20.000	20.094	-0.5	118	0.00
86 T	Hexachloroethane	20.000	19.027	4.9	107	0.00
87 M	1,2-Dichlorobenzene	20.000	20.486	-2.4	108	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	17.818	10.9	96	0.00
89	1,2,4-Trichlorobenzene	20.000	18.932	5.3	109	0.00
90	Hexachlorobutadiene	20.000	22.601	-13.0	121	0.00
91 M	Naphthalene	20.000	16.505	17.5	102	0.00
92	1,2,3-Trichlorobenzene	20.000	18.429	7.9	106	0.00

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Compound	Amount	Calc.	%Dev	Area%	Dev(min)

(#)= Out of Range					
SPCC's out = 0 CCC's out = 0					