

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051622\
 Data File : VN072503.D
 Acq On : 16 May 2022 15:51
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: May 16 16:08:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N051622W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon May 16 14:12:48 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	109	0.00
2 M	Dichlorodifluoromethane	20.000	19.395	3.0	99	0.00
3 M	Chloromethane	20.000	19.777	1.1	102	0.00
4 M	Vinyl Chloride	20.000	19.003	5.0	98	0.00
5 M	Bromomethane	20.000	19.842	0.8	118	0.00
6 M	Chloroethane	20.000	20.432	-2.2	107	0.00
7 M	Trichlorofluoromethane	20.000	19.855	0.7	100	0.00
8 T	Diethyl Ether	20.000	19.869	0.7	103	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.665	-3.3	104	0.00
10 M	1,1-Dichloroethene	20.000	19.581	2.1	103	0.00
11	Methyl Iodide	20.000	17.884	10.6	95	0.00
12	Methyl Acetate	20.000	20.044	-0.2	101	0.00
13 M	Acrolein	100.000	93.129	6.9	98	0.00
14 M	Acrylonitrile	100.000	101.407	-1.4	108	0.00
15 M	Acetone	100.000	100.169	-0.2	105	0.00
16 M	Carbon Disulfide	20.000	19.570	2.1	102	0.00
17	Allyl chloride	20.000	19.757	1.2	104	0.00
18 M	Methylene Chloride	20.000	20.777	-3.9	106	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.559	2.2	102	0.00
20 T	Diisopropyl ether	20.000	20.121	-0.6	105	0.00
21 M	1,1-Dichloroethane	20.000	19.780	1.1	103	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.402	3.0	102	0.00
23 M	tert-Butyl Alcohol	100.000	96.095	3.9	104	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.703	1.5	102	0.00
25 M	Chloroform	20.000	20.049	-0.2	103	0.00
26	Cyclohexane	20.000	19.527	2.4	101	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.470	-1.6	102	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	103	0.00
29	1,1-Dichloropropene	20.000	20.075	-0.4	105	0.00
30 M	2-Butanone	100.000	100.798	-0.8	103	0.00
31	2,2-Dichloropropane	20.000	20.726	-3.6	111	0.00
32 M	1,1,1-Trichloroethane	20.000	19.881	0.6	104	0.00
33 M	Carbon Tetrachloride	20.000	19.571	2.1	98	0.00
34 M	Benzene	20.000	20.120	-0.6	103	0.00
35	Methacrylonitrile	20.000	16.994	15.0	91	0.00
36 M	1,2-Dichloroethane	20.000	19.731	1.3	100	0.00
37 M	Trichloroethene	20.000	19.728	1.4	102	0.00
38	Methylcyclohexane	20.000	20.222	-1.1	105	0.00
39 M	1,2-Dichloropropane	20.000	19.732	1.3	99	0.00
40	Dibromomethane	20.000	20.170	-0.9	102	0.00
41 M	Bromodichloromethane	20.000	19.500	2.5	102	0.00
42 M	Vinyl Acetate	100.000	94.391	5.6	96	0.00
43	Ethyl Acetate	20.000	20.579	-2.9	110	0.00
44	Isopropyl Acetate	20.000	19.964	0.2	104	0.00
45 T	1,4-Dioxane	400.000	408.801	-2.2	103	0.00
46	Methyl methacrylate	20.000	19.389	3.1	109	0.00
47	n-amyl Acetate	20.000	18.840	5.8	105	0.00
48 M	t-1,3-Dichloropropene	20.000	19.374	3.1	105	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	19.994	0.0	105	0.00
50 M	1,1,2-Trichloroethane	20.000	20.674	-3.4	108	0.00
51	Ethyl methacrylate	20.000	19.222	3.9	103	0.00
52	1,3-Dichloropropane	20.000	19.510	2.4	101	0.00
53 M	Dibromochloromethane	20.000	19.223	3.9	98	0.00
54 M	1,2-Dibromoethane	20.000	19.880	0.6	106	0.00
55 M	2-Chloroethyl vinyl ether	100.000	97.575	2.4	114	0.00
56 M	Bromoform	20.000	18.877	5.6	104	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	102	0.00
58 M	4-Methyl-2-Pentanone	100.000	104.251	-4.3	104	0.00
59 M	2-Hexanone	100.000	103.726	-3.7	104	0.00
60 S	4-Bromofluorobenzene	30.000	31.051	-3.5	108	0.00
61 M	Tetrachloroethene	20.000	20.628	-3.1	102	0.00
62 M	Toluene	20.000	20.393	-2.0	103	0.00
63 S	Toluene-d8	30.000	31.178	-3.9	104	0.00
64 M	Chlorobenzene	20.000	20.459	-2.3	107	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.409	-2.0	101	0.00
66 M	Ethyl Benzene	20.000	20.238	-1.2	103	0.00
67 M	m/p-Xylenes	40.000	41.204	-3.0	105	0.00
68 M	o-Xylene	20.000	20.762	-3.8	106	0.00
69 M	Styrene	20.000	20.059	-0.3	105	0.00
70	Isopropylbenzene	20.000	20.692	-3.5	106	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.731	-3.7	103	0.00
72	1,2,3-Trichloropropane	20.000	21.307	-6.5	104	0.00
73	Bromobenzene	20.000	20.274	-1.4	106	0.00
74	n-propylbenzene	20.000	20.441	-2.2	109	0.00
75	2-Chlorotoluene	20.000	20.349	-1.7	104	0.00
76	1,3,5-Trimethylbenzene	20.000	20.302	-1.5	105	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.764	6.2	108	0.00
78	4-Chlorotoluene	20.000	19.826	0.9	105	0.00
79	tert-butylbenzene	20.000	20.092	-0.5	104	0.00
80	1,2,4-Trimethylbenzene	20.000	19.977	0.1	107	0.00
81	sec-Butylbenzene	20.000	20.044	-0.2	106	0.00
82	p-Isopropyltoluene	20.000	19.662	1.7	104	0.00
83 M	1,3-Dichlorobenzene	20.000	19.898	0.5	107	0.00
84 M	1,4-Dichlorobenzene	20.000	20.016	-0.1	107	0.00
85	n-Butylbenzene	20.000	18.519	7.4	107	0.00
86 T	Hexachloroethane	20.000	18.992	5.0	105	0.00
87 M	1,2-Dichlorobenzene	20.000	20.157	-0.8	104	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	19.470	2.7	102	0.00
89	1,2,4-Trichlorobenzene	20.000	19.708	1.5	117	0.00
90	Hexachlorobutadiene	20.000	20.276	-1.4	103	0.00
91 M	Naphthalene	20.000	20.634	-3.2	114	0.00
92	1,2,3-Trichlorobenzene	20.000	19.438	2.8	111	0.00

(#) = Out of Range

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