

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032422\
 Data File : VN071525.D
 Acq On : 24 Mar 2022 17:09
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Mar 24 17:27:36 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	96	0.00
2 M	Dichlorodifluoromethane	20.000	20.916	-4.6	97	0.00
3 M	Chloromethane	20.000	20.749	-3.7	100	0.00
4 M	Vinyl Chloride	20.000	20.070	-0.4	98	0.00
5 M	Bromomethane	20.000	21.623	-8.1	94	-0.01
6 M	Chloroethane	20.000	20.204	-1.0	99	0.00
7 M	Trichlorofluoromethane	20.000	19.845	0.8	97	0.00
8 T	Diethyl Ether	20.000	19.695	1.5	97	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	21.018	-5.1	101	0.00
10 M	1,1-Dichloroethene	20.000	20.012	-0.1	98	0.00
11	Methyl Iodide	20.000	19.704	1.5	98	0.00
12	Methyl Acetate	20.000	19.895	0.5	98	0.00
13 M	Acrolein	100.000	82.008	18.0	84	0.00
14 M	Acrylonitrile	100.000	100.912	-0.9	101	0.00
15 M	Acetone	100.000	91.821	8.2	86	0.00
16 M	Carbon Disulfide	20.000	19.100	4.5	96	0.00
17	Allyl chloride	20.000	19.282	3.6	96	0.00
18 M	Methylene Chloride	20.000	19.848	0.8	97	0.00
19 M	trans-1,2-Dichloroethene	20.000	20.338	-1.7	101	0.00
20 T	Diisopropyl ether	20.000	20.379	-1.9	99	0.00
21 M	1,1-Dichloroethane	20.000	20.258	-1.3	99	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.971	0.1	98	0.00
23 M	tert-Butyl Alcohol	100.000	97.304	2.7	100	0.00
24 M	Methyl tert-Butyl Ether	20.000	20.207	-1.0	99	0.00
25 M	Chloroform	20.000	20.827	-4.1	101	0.00
26	Cyclohexane	20.000	19.903	0.5	98	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.777	0.7	95	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	95	0.00
29	1,1-Dichloropropene	20.000	20.351	-1.8	99	0.00
30 M	2-Butanone	100.000	97.526	2.5	94	0.00
31	2,2-Dichloropropane	20.000	19.819	0.9	97	0.00
32 M	1,1,1-Trichloroethane	20.000	20.075	-0.4	98	0.00
33 M	Carbon Tetrachloride	20.000	19.833	0.8	96	0.00
34 M	Benzene	20.000	20.402	-2.0	98	0.00
35	Methacrylonitrile	20.000	19.097	4.5	88	0.00
36 M	1,2-Dichloroethane	20.000	20.583	-2.9	100	0.00
37 M	Trichloroethene	20.000	19.908	0.5	98	0.00
38	Methylcyclohexane	20.000	20.297	-1.5	99	0.00
39 M	1,2-Dichloropropane	20.000	20.146	-0.7	97	0.00
40	Dibromomethane	20.000	20.674	-3.4	100	0.00
41 M	Bromodichloromethane	20.000	19.985	0.1	98	0.00
42 M	Vinyl Acetate	100.000	101.400	-1.4	100	0.00
43	Ethyl Acetate	20.000	19.570	2.1	93	0.00
44	Isopropyl Acetate	20.000	19.749	1.3	99	0.00
45 T	1,4-Dioxane	400.000	405.620	-1.4	96	0.00
46	Methyl methacrylate	20.000	19.391	3.0	100	0.00
47	n-amyl Acetate	20.000	19.086	4.6	103	0.00
48 M	t-1,3-Dichloropropene	20.000	19.649	1.8	101	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	19.888	0.6	99	0.00
50 M	1,1,2-Trichloroethane	20.000	20.826	-4.1	101	0.00
51	Ethyl methacrylate	20.000	19.895	0.5	102	0.00
52	1,3-Dichloropropane	20.000	20.339	-1.7	98	0.00
53 M	Dibromochloromethane	20.000	19.383	3.1	97	0.00
54 M	1,2-Dibromoethane	20.000	19.835	0.8	98	0.00
55 M	2-Chloroethyl vinyl ether	100.000	88.389	11.6	88	0.00
56 M	Bromoform	20.000	18.660	6.7	95	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	97	0.00
58 M	4-Methyl-2-Pentanone	100.000	102.522	-2.5	100	0.00
59 M	2-Hexanone	100.000	100.241	-0.2	98	0.00
60 S	4-Bromofluorobenzene	30.000	29.931	0.2	97	0.00
61 M	Tetrachloroethene	20.000	20.788	-3.9	99	0.00
62 M	Toluene	20.000	20.701	-3.5	99	0.00
63 S	Toluene-d8	30.000	30.783	-2.6	96	0.00
64 M	Chlorobenzene	20.000	20.467	-2.3	101	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.448	-2.2	99	0.00
66 M	Ethyl Benzene	20.000	20.299	-1.5	101	0.00
67 M	m/p-Xylenes	40.000	40.923	-2.3	100	0.00
68 M	o-Xylene	20.000	20.278	-1.4	100	0.00
69 M	Styrene	20.000	19.538	2.3	99	0.00
70	Isopropylbenzene	20.000	20.361	-1.8	100	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.613	-3.1	98	0.00
72	1,2,3-Trichloropropane	20.000	21.376	-6.9	101	0.00
73	Bromobenzene	20.000	20.177	-0.9	102	0.00
74	n-propylbenzene	20.000	20.198	-1.0	102	0.00
75	2-Chlorotoluene	20.000	20.468	-2.3	101	0.00
76	1,3,5-Trimethylbenzene	20.000	20.551	-2.8	100	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.893	5.5	103	0.00
78	4-Chlorotoluene	20.000	19.877	0.6	101	0.00
79	tert-butylbenzene	20.000	20.255	-1.3	100	0.00
80	1,2,4-Trimethylbenzene	20.000	20.128	-0.6	100	0.00
81	sec-Butylbenzene	20.000	20.299	-1.5	102	0.00
82	p-Isopropyltoluene	20.000	19.932	0.3	102	0.00
83 M	1,3-Dichlorobenzene	20.000	20.176	-0.9	104	0.00
84 M	1,4-Dichlorobenzene	20.000	20.105	-0.5	104	0.00
85	n-Butylbenzene	20.000	18.777	6.1	103	0.00
86 T	Hexachloroethane	20.000	19.690	1.5	100	0.00
87 M	1,2-Dichlorobenzene	20.000	20.689	-3.4	101	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	19.080	4.6	99	0.00
89	1,2,4-Trichlorobenzene	20.000	18.560	7.2	103	0.00
90	Hexachlorobutadiene	20.000	21.940	-9.7	110	0.00
91 M	Naphthalene	20.000	18.907	5.5	100	0.00
92	1,2,3-Trichlorobenzene	20.000	18.685	6.6	103	0.00

(#) = Out of Range

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