

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN071420\
 Data File : VN062520.D
 Acq On : 14 Jul 2020 9:32
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Jul 15 00:54:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N071320W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Jul 14 00:52:57 2020
 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	102	0.00
2 M	Dichlorodifluoromethane	20.000	20.964	-4.8	108	0.00
3 M	Chloromethane	20.000	19.526	2.4	102	0.00
4 M	Vinyl Chloride	20.000	19.583	2.1	102	0.00
5 M	Bromomethane	20.000	16.915	15.4	93	0.00
6 M	Chloroethane	20.000	19.288	3.6	98	0.00
7 M	Trichlorofluoromethane	20.000	21.683	-8.4	108	0.00
8 T	Diethyl Ether	20.000	19.224	3.9	98	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.089	-0.4	104	0.00
10 M	1,1-Dichloroethene	20.000	19.811	0.9	103	0.00
11	Methyl Iodide	20.000	19.760	1.2	106	0.00
12	Methyl Acetate	20.000	19.695	1.5	104	0.00
13 M	Acrolein	100.000	105.309	-5.3	106	0.00
14 M	Acrylonitrile	100.000	95.624	4.4	101	0.00
15 M	Acetone	100.000	112.773	-12.8	99	0.00
16 M	Carbon Disulfide	20.000	19.635	1.8	104	0.00
17	Allyl chloride	20.000	20.504	-2.5	102	0.00
18 M	Methylene Chloride	20.000	19.614	1.9	100	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.438	2.8	102	0.00
20 T	Diisopropyl ether	20.000	20.144	-0.7	103	0.00
21 M	1,1-Dichloroethane	20.000	19.801	1.0	102	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.784	1.1	103	0.00
23 M	tert-Butyl Alcohol	100.000	97.503	2.5	99	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.375	3.1	101	0.00
25 M	Chloroform	20.000	19.819	0.9	103	0.00
26	Cyclohexane	20.000	19.911	0.4	104	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.593	1.4	100	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	103	0.00
29	1,1-Dichloropropene	20.000	19.811	0.9	104	0.00
30 M	2-Butanone	100.000	103.389	-3.4	100	0.00
31	2,2-Dichloropropane	20.000	19.920	0.4	102	0.00
32 M	1,1,1-Trichloroethane	20.000	19.984	0.1	103	0.00
33 M	Carbon Tetrachloride	20.000	20.470	-2.3	106	0.00
34 M	Benzene	20.000	19.866	0.7	102	0.00
35	Methacrylonitrile	20.000	19.867	0.7	98	0.00
36 M	1,2-Dichloroethane	20.000	20.128	-0.6	105	0.00
37 M	Trichloroethene	20.000	19.865	0.7	103	0.00
38	Methylcyclohexane	20.000	19.535	2.3	104	0.00
39 M	1,2-Dichloropropane	20.000	20.091	-0.5	103	0.00
40	Dibromomethane	20.000	19.607	2.0	101	0.00
41 M	Bromodichloromethane	20.000	19.760	1.2	102	0.00
42 M	Vinyl Acetate	100.000	99.682	0.3	101	0.00
43	Ethyl Acetate	20.000	19.761	1.2	102	0.00
44	Isopropyl Acetate	20.000	19.004	5.0	99	0.00
45 T	1,4-Dioxane	400.000	398.275	0.4	98	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	19.271	3.6	100	0.00
47	n-amyl Acetate	20.000	18.706	6.5	101	0.00
48 M	t-1,3-Dichloropropene	20.000	19.500	2.5	103	0.00
49 T	cis-1,3-Dichloropropene	20.000	19.611	1.9	103	0.00
50 M	1,1,2-Trichloroethane	20.000	20.025	-0.1	102	0.00
51	Ethyl methacrylate	20.000	19.058	4.7	100	0.00
52	1,3-Dichloropropane	20.000	20.041	-0.2	103	0.00
53 M	Dibromochloromethane	20.000	19.547	2.3	101	0.00
54 M	1,2-Dibromoethane	20.000	19.533	2.3	104	0.00
55 M	2-Chloroethyl vinyl ether	100.000	92.666	7.3	99	0.00
56 M	Bromoform	20.000	19.217	3.9	101	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	104	0.00
58 M	4-Methyl-2-Pentanone	100.000	98.197	1.8	99	0.00
59 M	2-Hexanone	100.000	99.046	1.0	100	0.00
60 S	4-Bromofluorobenzene	30.000	29.933	0.2	106	0.00
61 M	Tetrachloroethene	20.000	20.488	-2.4	106	0.00
62 M	Toluene	20.000	20.122	-0.6	103	0.00
63 S	Toluene-d8	30.000	30.258	-0.9	103	0.00
64 M	Chlorobenzene	20.000	20.104	-0.5	106	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.916	0.4	104	0.00
66 M	Ethyl Benzene	20.000	19.753	1.2	104	0.00
67 M	m/p-Xylenes	40.000	39.966	0.1	106	0.00
68 M	o-Xylene	20.000	19.701	1.5	104	0.00
69 M	Styrene	20.000	19.418	2.9	103	0.00
70	Isopropylbenzene	20.000	19.703	1.5	104	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.535	2.3	102	0.00
72	1,2,3-Trichloropropane	20.000	18.692	6.5	97	0.00
73	Bromobenzene	20.000	19.560	2.2	104	0.00
74	n-propylbenzene	20.000	19.879	0.6	107	0.00
75	2-Chlorotoluene	20.000	19.806	1.0	105	0.00
76	1,3,5-Trimethylbenzene	20.000	19.510	2.4	105	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.347	8.3	99	0.00
78	4-Chlorotoluene	20.000	19.722	1.4	106	0.00
79	tert-butylbenzene	20.000	19.379	3.1	103	0.00
80	1,2,4-Trimethylbenzene	20.000	19.683	1.6	105	0.00
81	sec-Butylbenzene	20.000	19.698	1.5	107	0.00
82	p-Isopropyltoluene	20.000	19.660	1.7	107	0.00
83 M	1,3-Dichlorobenzene	20.000	19.470	2.7	105	0.00
84 M	1,4-Dichlorobenzene	20.000	19.629	1.9	109	0.00
85	n-Butylbenzene	20.000	19.009	5.0	110	0.00
86 T	Hexachloroethane	20.000	18.829	5.9	102	0.00
87 M	1,2-Dichlorobenzene	20.000	19.662	1.7	106	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	18.607	7.0	97	0.00
89	1,2,4-Trichlorobenzene	20.000	18.321	8.4	107	0.00
90	Hexachlorobutadiene	20.000	20.313	-1.6	111	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	16.917	15.4	99	0.00
92	1,2,3-Trichlorobenzene	20.000	18.498	7.5	105	0.00

(#) = Out of Range

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