

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081219\
 Data File : VN057203.D
 Acq On : 12 Aug 2019 9:22
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Aug 13 01:54:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N081019W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sun Aug 11 03:53:25 2019
 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	117	0.00
2 M	Dichlorodifluoromethane	20.000	20.753	-3.8	108	0.00
3 M	Chloromethane	20.000	19.064	4.7	103	0.00
4 M	Vinyl Chloride	20.000	19.466	2.7	107	0.00
5 M	Bromomethane	20.000	19.420	2.9	107	0.00
6 M	Chloroethane	20.000	19.720	1.4	109	0.00
7 M	Trichlorofluoromethane	20.000	20.185	-0.9	109	0.00
8 T	Diethyl Ether	20.000	19.902	0.5	111	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.476	-2.4	114	0.00
10 M	1,1-Dichloroethene	20.000	19.961	0.2	111	0.00
11	Methyl Iodide	20.000	19.343	3.3	109	0.00
12	Methyl Acetate	20.000	20.926	-4.6	116	0.00
13 M	Acrolein	100.000	87.980	12.0	104	0.00
14 M	Acrylonitrile	100.000	98.532	1.5	109	0.00
15 M	Acetone	100.000	112.358	-12.4	107	0.00
16 M	Carbon Disulfide	20.000	19.512	2.4	112	0.00
17	Allyl chloride	20.000	20.504	-2.5	110	0.00
18 M	Methylene Chloride	20.000	19.464	2.7	107	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.965	0.2	112	0.00
20 T	Diisopropyl ether	20.000	20.633	-3.2	114	0.00
21 M	1,1-Dichloroethane	20.000	20.361	-1.8	113	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.689	1.6	109	0.00
23 M	tert-Butyl Alcohol	100.000	99.845	0.2	109	0.00
24 M	Methyl tert-Butyl Ether	20.000	20.470	-2.3	115	0.00
25 M	Chloroform	20.000	20.036	-0.2	113	0.00
26	Cyclohexane	20.000	19.834	0.8	112	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.103	3.0	111	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	112	0.00
29	1,1-Dichloropropene	20.000	20.908	-4.5	112	0.00
30 M	2-Butanone	100.000	106.128	-6.1	109	0.00
31	2,2-Dichloropropane	20.000	20.872	-4.4	113	0.00
32 M	1,1,1-Trichloroethane	20.000	21.038	-5.2	114	0.00
33 M	Carbon Tetrachloride	20.000	21.011	-5.1	115	0.00
34 M	Benzene	20.000	20.555	-2.8	113	0.00
35	Methacrylonitrile	20.000	19.890	0.5	107	0.00
36 M	1,2-Dichloroethane	20.000	20.804	-4.0	112	0.00
37 M	Trichloroethene	20.000	20.942	-4.7	114	0.00
38	Methylcyclohexane	20.000	20.585	-2.9	113	0.00
39 M	1,2-Dichloropropane	20.000	20.901	-4.5	114	0.00
40	Dibromomethane	20.000	20.679	-3.4	111	0.00
41 M	Bromodichloromethane	20.000	20.648	-3.2	111	0.00
42 M	Vinyl Acetate	100.000	102.972	-3.0	113	0.00
43	Ethyl Acetate	20.000	20.856	-4.3	109	0.00
44	Isopropyl Acetate	20.000	21.993	-10.0	119	0.00
45 T	1,4-Dioxane	400.000	411.063	-2.8	109	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	20.019	-0.1	112	0.00
47	n-amyl Acetate	20.000	18.321	8.4	111	0.00
48 M	t-1,3-Dichloropropene	20.000	20.450	-2.2	114	0.00
49 T	cis-1,3-Dichloropropene	20.000	20.462	-2.3	113	0.00
50 M	1,1,2-Trichloroethane	20.000	21.123	-5.6	115	0.00
51	Ethyl methacrylate	20.000	19.780	1.1	112	0.00
52	1,3-Dichloropropane	20.000	20.666	-3.3	112	0.00
53 M	Dibromochloromethane	20.000	20.786	-3.9	115	0.00
54 M	1,2-Dibromoethane	20.000	20.453	-2.3	113	0.00
55 M	2-Chloroethyl vinyl ether	100.000	99.611	0.4	127	0.00
56 M	Bromoform	20.000	19.805	1.0	113	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	109	0.00
58 M	4-Methyl-2-Pentanone	100.000	103.406	-3.4	108	0.00
59 M	2-Hexanone	100.000	103.800	-3.8	107	0.00
60 S	4-Bromofluorobenzene	30.000	29.155	2.8	110	0.00
61 M	Tetrachloroethene	20.000	22.040	-10.2	113	0.00
62 M	Toluene	20.000	21.089	-5.4	111	0.00
63 S	Toluene-d8	30.000	30.842	-2.8	112	0.00
64 M	Chlorobenzene	20.000	20.975	-4.9	112	0.00
65	1,1,1,2-Tetrachloroethane	20.000	22.060	-10.3	119	0.00
66 M	Ethyl Benzene	20.000	21.012	-5.1	112	0.00
67 M	m/p-Xylenes	40.000	42.466	-6.2	113	0.00
68 M	o-Xylene	20.000	21.390	-7.0	113	0.00
69 M	Styrene	20.000	20.691	-3.5	113	0.00
70	Isopropylbenzene	20.000	21.165	-5.8	112	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.475	-2.4	108	0.00
72	1,2,3-Trichloropropane	20.000	20.646	-3.2	111	0.00
73	Bromobenzene	20.000	20.673	-3.4	114	0.00
74	n-propylbenzene	20.000	20.485	-2.4	114	0.00
75	2-Chlorotoluene	20.000	20.882	-4.4	113	0.00
76	1,3,5-Trimethylbenzene	20.000	20.866	-4.3	111	0.00
77	t-1,4-Dichloro-2-butene	20.000	20.121	-0.6	117	0.00
78	4-Chlorotoluene	20.000	20.462	-2.3	116	0.00
79	tert-butylbenzene	20.000	21.150	-5.7	113	0.00
80	1,2,4-Trimethylbenzene	20.000	20.414	-2.1	112	0.00
81	sec-Butylbenzene	20.000	20.102	-0.5	109	0.00
82	p-Isopropyltoluene	20.000	19.567	2.2	112	0.00
83 M	1,3-Dichlorobenzene	20.000	20.283	-1.4	118	0.00
84 M	1,4-Dichlorobenzene	20.000	19.576	2.1	118	0.00
85	n-Butylbenzene	20.000	19.156	4.2	113	0.00
86 T	Hexachloroethane	20.000	20.302	-1.5	114	0.00
87 M	1,2-Dichlorobenzene	20.000	19.989	0.1	112	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	20.712	-3.6	121	0.00
89	1,2,4-Trichlorobenzene	20.000	19.657	1.7	119	0.00
90	Hexachlorobutadiene	20.000	20.522	-2.6	113	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	14.013	29.9	115	0.00
92	1,2,3-Trichlorobenzene	20.000	21.213	-6.1	124	0.00

(#) = Out of Range

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