

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN041619\
 Data File : VN055068.D
 Acq On : 16 Apr 2019 10:08
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Apr 17 01:44:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N041119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Apr 12 07:55:25 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	106	0.00
2 M	Dichlorodifluoromethane	20.000	20.314	-1.6	104	0.00
3 M	Chloromethane	20.000	20.659	-3.3	110	0.00
4 M	Vinyl Chloride	20.000	20.673	-3.4	109	0.00
5 M	Bromomethane	20.000	20.994	-5.0	113	0.00
6 M	Chloroethane	20.000	20.115	-0.6	107	0.00
7 M	Trichlorofluoromethane	20.000	20.326	-1.6	105	0.00
8 T	Diethyl Ether	20.000	20.509	-2.5	109	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.970	-4.8	108	0.00
10 M	1,1-Dichloroethene	20.000	19.811	0.9	104	0.00
11	Methyl Iodide	20.000	20.315	-1.6	111	0.00
12	Methyl Acetate	20.000	23.864	-19.3	130	0.00
13 M	Acrolein	100.000	98.548	1.5	109	0.00
14 M	Acrylonitrile	100.000	112.095	-12.1	124	0.00
15 M	Acetone	100.000	139.613	-39.6#	128	0.00
16 M	Carbon Disulfide	20.000	19.792	1.0	112	0.00
17	Allyl chloride	20.000	21.135	-5.7	114	0.00
18 M	Methylene Chloride	20.000	21.082	-5.4	114	0.00
19 M	trans-1,2-Dichloroethene	20.000	20.753	-3.8	111	0.00
20 T	Diisopropyl ether	20.000	20.989	-4.9	114	0.00
21 M	1,1-Dichloroethane	20.000	20.943	-4.7	112	0.00
22 M	cis-1,2-Dichloroethene	20.000	20.407	-2.0	111	0.00
23 M	tert-Butyl Alcohol	100.000	114.967	-15.0	133	0.00
24 M	Methyl tert-Butyl Ether	20.000	22.229	-11.1	122	0.00
25 M	Chloroform	20.000	20.944	-4.7	112	0.00
26	Cyclohexane	20.000	20.130	-0.6	109	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.257	-0.9	104	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	102	0.00
29	1,1-Dichloropropene	20.000	21.322	-6.6	111	0.00
30 M	2-Butanone	100.000	130.097	-30.1#	131	0.00
31	2,2-Dichloropropane	20.000	21.868	-9.3	116	0.00
32 M	1,1,1-Trichloroethane	20.000	21.778	-8.9	115	0.00
33 M	Carbon Tetrachloride	20.000	21.201	-6.0	114	0.00
34 M	Benzene	20.000	21.342	-6.7	112	0.00
35	Methacrylonitrile	20.000	23.250	-16.3	120	0.00
36 M	1,2-Dichloroethane	20.000	21.440	-7.2	111	0.00
37 M	Trichloroethene	20.000	21.304	-6.5	110	0.00
38	Methylcyclohexane	20.000	19.682	1.6	103	0.00
39 M	1,2-Dichloropropane	20.000	21.730	-8.7	114	0.00
40	Dibromomethane	20.000	21.873	-9.4	113	0.00
41 M	Bromodichloromethane	20.000	21.168	-5.8	114	0.00
42 M	Vinyl Acetate	100.000	111.324	-11.3	123	0.00
43	Ethyl Acetate	20.000	20.820	-4.1	112	0.00
44	Isopropyl Acetate	20.000	22.564	-12.8	128	0.00
45 T	1,4-Dioxane	400.000	452.370	-13.1	115	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	21.749	-8.7	125	0.00
47	n-amyl Acetate	20.000	23.125	-15.6	134	0.00
48 M	t-1,3-Dichloropropene	20.000	21.210	-6.1	125	0.00
49 T	cis-1,3-Dichloropropene	20.000	21.057	-5.3	117	0.00
50 M	1,1,2-Trichloroethane	20.000	21.742	-8.7	115	0.00
51	Ethyl methacrylate	20.000	21.663	-8.3	126	0.00
52	1,3-Dichloropropane	20.000	22.191	-11.0	117	0.00
53 M	Dibromochloromethane	20.000	20.822	-4.1	116	0.00
54 M	1,2-Dibromoethane	20.000	21.654	-8.3	121	0.00
55 M	2-Chloroethyl vinyl ether	100.000	98.067	1.9	107	0.00
56 M	Bromoform	20.000	20.142	-0.7	119	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	103	0.00
58 M	4-Methyl-2-Pentanone	100.000	114.490	-14.5	126	0.00
59 M	2-Hexanone	100.000	124.881	-24.9	131	0.00
60 S	4-Bromofluorobenzene	30.000	29.376	2.1	104	0.00
61 M	Tetrachloroethene	20.000	20.895	-4.5	106	0.00
62 M	Toluene	20.000	21.000	-5.0	110	0.00
63 S	Toluene-d8	30.000	30.211	-0.7	102	0.00
64 M	Chlorobenzene	20.000	20.524	-2.6	107	0.00
65	1,1,1,2-Tetrachloroethane	20.000	21.953	-9.8	119	0.00
66 M	Ethyl Benzene	20.000	20.868	-4.3	111	0.00
67 M	m/p-Xylenes	40.000	42.459	-6.1	111	0.00
68 M	o-Xylene	20.000	21.281	-6.4	112	0.00
69 M	Styrene	20.000	20.880	-4.4	112	0.00
70	Isopropylbenzene	20.000	20.897	-4.5	109	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	22.410	-12.1	119	0.00
72	1,2,3-Trichloropropane	20.000	21.402	-7.0	110	0.00
73	Bromobenzene	20.000	20.494	-2.5	109	0.00
74	n-propylbenzene	20.000	20.699	-3.5	107	0.00
75	2-Chlorotoluene	20.000	21.104	-5.5	109	0.00
76	1,3,5-Trimethylbenzene	20.000	20.809	-4.0	107	0.00
77	t-1,4-Dichloro-2-butene	20.000	20.664	-3.3	131	0.00
78	4-Chlorotoluene	20.000	20.726	-3.6	110	0.00
79	tert-butylbenzene	20.000	21.102	-5.5	109	0.00
80	1,2,4-Trimethylbenzene	20.000	20.939	-4.7	111	0.00
81	sec-Butylbenzene	20.000	20.493	-2.5	105	0.00
82	p-Isopropyltoluene	20.000	20.495	-2.5	106	0.00
83 M	1,3-Dichlorobenzene	20.000	20.636	-3.2	111	0.00
84 M	1,4-Dichlorobenzene	20.000	20.398	-2.0	111	0.00
85	n-Butylbenzene	20.000	19.024	4.9	105	0.00
86 T	Hexachloroethane	20.000	20.040	-0.2	110	0.00
87 M	1,2-Dichlorobenzene	20.000	21.106	-5.5	112	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	20.709	-3.5	115	0.00
89	1,2,4-Trichlorobenzene	20.000	18.275	8.6	115	0.00
90	Hexachlorobutadiene	20.000	21.354	-6.8	106	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	19.016	4.9	130	0.00
92	1,2,3-Trichlorobenzene	20.000	19.924	0.4	119	0.00

(#) = Out of Range

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