

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN052419\
 Data File : VN055781.D
 Acq On : 24 May 2019 8:56
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: May 24 13:02:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N052219W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu May 23 05:54:54 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	99	0.00
2 M	Dichlorodifluoromethane	20.000	19.829	0.9	99	0.00
3 M	Chloromethane	20.000	18.706	6.5	91	0.00
4 M	Vinyl Chloride	20.000	19.802	1.0	96	0.00
5 M	Bromomethane	20.000	21.638	-8.2	99	-0.03
6 M	Chloroethane	20.000	20.897	-4.5	100	-0.02
7 M	Trichlorofluoromethane	20.000	21.547	-7.7	107	0.00
8 T	Diethyl Ether	20.000	21.176	-5.9	104	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	21.850	-9.3	107	0.00
10 M	1,1-Dichloroethene	20.000	20.774	-3.9	102	0.00
11	Methyl Iodide	20.000	20.455	-2.3	103	0.00
12	Methyl Acetate	20.000	18.224	8.9	91	0.00
13 M	Acrolein	100.000	93.208	6.8	96	0.00
14 M	Acrylonitrile	100.000	92.899	7.1	90	0.00
15 M	Acetone	100.000	123.758	-23.8	115	0.00
16 M	Carbon Disulfide	20.000	19.548	2.3	96	0.00
17	Allyl chloride	20.000	18.812	5.9	93	0.00
18 M	Methylene Chloride	20.000	20.308	-1.5	100	0.00
19 M	trans-1,2-Dichloroethene	20.000	20.303	-1.5	99	0.00
20 T	Diisopropyl ether	20.000	18.845	5.8	93	0.00
21 M	1,1-Dichloroethane	20.000	19.552	2.2	96	0.00
22 M	cis-1,2-Dichloroethene	20.000	20.439	-2.2	101	0.00
23 M	tert-Butyl Alcohol	100.000	88.231	11.8	86	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.676	1.6	96	0.00
25 M	Chloroform	20.000	20.444	-2.2	100	0.00
26	Cyclohexane	20.000	20.091	-0.5	99	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.409	2.0	97	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	100	0.00
29	1,1-Dichloropropene	20.000	20.096	-0.5	100	0.00
30 M	2-Butanone	100.000	99.970	0.0	97	0.00
31	2,2-Dichloropropane	20.000	20.161	-0.8	98	0.00
32 M	1,1,1-Trichloroethane	20.000	20.244	-1.2	100	0.00
33 M	Carbon Tetrachloride	20.000	19.847	0.8	98	0.00
34 M	Benzene	20.000	20.005	-0.0	99	0.00
35	Methacrylonitrile	20.000	16.393	18.0	83	0.00
36 M	1,2-Dichloroethane	20.000	20.114	-0.6	99	0.00
37 M	Trichloroethene	20.000	20.980	-4.9	104	0.00
38	Methylcyclohexane	20.000	20.520	-2.6	104	0.00
39 M	1,2-Dichloropropane	20.000	19.370	3.1	96	0.00
40	Dibromomethane	20.000	19.931	0.3	100	0.00
41 M	Bromodichloromethane	20.000	19.191	4.0	95	0.00
42 M	Vinyl Acetate	100.000	92.707	7.3	91	0.00
43	Ethyl Acetate	20.000	18.606	7.0	91	0.00
44	Isopropyl Acetate	20.000	17.822	10.9	89	0.00
45 T	1,4-Dioxane	400.000	407.164	-1.8	102	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	18.191	9.0	90	0.00
47	n-amyl Acetate	20.000	18.255	8.7	91	0.00
48 M	t-1,3-Dichloropropene	20.000	18.556	7.2	94	0.00
49 T	cis-1,3-Dichloropropene	20.000	19.152	4.2	95	0.00
50 M	1,1,2-Trichloroethane	20.000	19.938	0.3	99	0.00
51	Ethyl methacrylate	20.000	18.817	5.9	94	0.00
52	1,3-Dichloropropane	20.000	19.615	1.9	96	0.00
53 M	Dibromochloromethane	20.000	19.281	3.6	98	0.00
54 M	1,2-Dibromoethane	20.000	20.115	-0.6	101	0.00
55 M	2-Chloroethyl vinyl ether	100.000	91.513	8.5	93	0.00
56 M	Bromoform	20.000	18.034	9.8	90	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	101	0.00
58 M	4-Methyl-2-Pentanone	100.000	92.975	7.0	91	0.00
59 M	2-Hexanone	100.000	95.055	4.9	94	0.00
60 S	4-Bromofluorobenzene	30.000	29.517	1.6	100	0.00
61 M	Tetrachloroethene	20.000	21.965	-9.8	106	0.00
62 M	Toluene	20.000	20.423	-2.1	100	0.00
63 S	Toluene-d8	30.000	29.831	0.6	98	0.00
64 M	Chlorobenzene	20.000	20.803	-4.0	103	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.943	0.3	98	0.00
66 M	Ethyl Benzene	20.000	20.713	-3.6	102	0.00
67 M	m/p-Xylenes	40.000	42.322	-5.8	104	0.00
68 M	o-Xylene	20.000	20.620	-3.1	101	0.00
69 M	Styrene	20.000	20.516	-2.6	103	0.00
70	Isopropylbenzene	20.000	20.865	-4.3	103	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.472	2.6	95	0.00
72	1,2,3-Trichloropropane	20.000	19.676	1.6	94	0.00
73	Bromobenzene	20.000	20.872	-4.4	105	0.00
74	n-propylbenzene	20.000	20.905	-4.5	105	0.00
75	2-Chlorotoluene	20.000	21.046	-5.2	104	0.00
76	1,3,5-Trimethylbenzene	20.000	21.426	-7.1	105	0.00
77	t-1,4-Dichloro-2-butene	20.000	17.072	14.6	88	0.00
78	4-Chlorotoluene	20.000	20.749	-3.7	105	0.00
79	tert-butylbenzene	20.000	21.578	-7.9	105	0.00
80	1,2,4-Trimethylbenzene	20.000	21.236	-6.2	105	0.00
81	sec-Butylbenzene	20.000	21.510	-7.6	106	0.00
82	p-Isopropyltoluene	20.000	21.465	-7.3	107	0.00
83 M	1,3-Dichlorobenzene	20.000	21.338	-6.7	108	0.00
84 M	1,4-Dichlorobenzene	20.000	20.848	-4.2	108	0.00
85	n-Butylbenzene	20.000	20.793	-4.0	109	0.00
86 T	Hexachloroethane	20.000	19.471	2.6	96	0.00
87 M	1,2-Dichlorobenzene	20.000	21.138	-5.7	106	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	17.856	10.7	89	0.00
89	1,2,4-Trichlorobenzene	20.000	19.018	4.9	111	0.00
90	Hexachlorobutadiene	20.000	21.979	-9.9	108	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	18.583	7.1	105	0.00
92	1,2,3-Trichlorobenzene	20.000	19.478	2.6	106	0.00

(#) = Out of Range

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