

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN030419\
 Data File : VN054062.D
 Acq On : 4 Mar 2019 13:22
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 04 23:36:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N030119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Mar 01 11:11:48 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	20.473	-2.4	100	0.00
3 M	Chloromethane	20.000	20.582	-2.9	101	0.00
4 M	Vinyl Chloride	20.000	20.293	-1.5	100	0.00
5 M	Bromomethane	20.000	20.160	-0.8	100	0.00
6 M	Chloroethane	20.000	20.276	-1.4	100	0.00
7 M	Trichlorofluoromethane	20.000	21.109	-5.5	103	0.00
8 T	Diethyl Ether	20.000	19.934	0.3	98	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.803	-4.0	103	0.00
10 M	1,1-Dichloroethene	20.000	20.407	-2.0	101	0.00
11	Methyl Iodide	20.000	18.302	8.5	92	0.00
12	Methyl Acetate	20.000	20.861	-4.3	108	0.00
13 M	Acrolein	100.000	58.820	41.2#	41	0.00
14 M	Acrylonitrile	100.000	100.558	-0.6	102	0.00
15 M	Acetone	100.000	83.024	17.0	77	0.00
16 M	Carbon Disulfide	20.000	20.252	-1.3	102	0.00
17	Allyl chloride	20.000	20.767	-3.8	103	0.00
18 M	Methylene Chloride	20.000	20.672	-3.4	100	0.00
19 M	trans-1,2-Dichloroethene	20.000	20.785	-3.9	103	0.00
20 T	Diisopropyl ether	20.000	20.383	-1.9	102	0.00
21 M	1,1-Dichloroethane	20.000	20.829	-4.1	103	0.00
22 M	cis-1,2-Dichloroethene	20.000	20.184	-0.9	100	0.00
23 M	tert-Butyl Alcohol	100.000	105.536	-5.5	110	0.00
24 M	Methyl tert-Butyl Ether	20.000	20.284	-1.4	104	0.00
25 M	Chloroform	20.000	20.776	-3.9	102	0.00
26	Cyclohexane	20.000	20.630	-3.1	104	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.184	-0.6	99	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	99	0.00
29	1,1-Dichloropropene	20.000	21.046	-5.2	105	0.00
30 M	2-Butanone	100.000	93.466	6.5	94	0.00
31	2,2-Dichloropropane	20.000	19.092	4.5	95	0.00
32 M	1,1,1-Trichloroethane	20.000	20.590	-2.9	102	0.00
33 M	Carbon Tetrachloride	20.000	20.236	-1.2	99	0.00
34 M	Benzene	20.000	20.719	-3.6	102	0.00
35	Methacrylonitrile	20.000	19.878	0.6	92	0.00
36 M	1,2-Dichloroethane	20.000	20.601	-3.0	100	0.00
37 M	Trichloroethene	20.000	20.715	-3.6	103	0.00
38	Methylcyclohexane	20.000	19.920	0.4	102	0.00
39 M	1,2-Dichloropropane	20.000	20.844	-4.2	102	0.00
40	Dibromomethane	20.000	20.357	-1.8	101	0.00
41 M	Bromodichloromethane	20.000	20.597	-3.0	103	0.00
42 M	Vinyl Acetate	100.000	98.880	1.1	101	0.00
43	Ethyl Acetate	20.000	18.075	9.6	84	0.00
44	Isopropyl Acetate	20.000	19.573	2.1	100	0.00
45 T	1,4-Dioxane	400.000	447.632	-11.9	110	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	19.455	2.7	103	0.00
47	n-amyl Acetate	20.000	19.180	4.1	105	0.00
48 M	t-1,3-Dichloropropene	20.000	18.920	5.4	99	0.00
49 T	cis-1,3-Dichloropropene	20.000	19.702	1.5	100	0.00
50 M	1,1,2-Trichloroethane	20.000	20.271	-1.4	99	0.00
51	Ethyl methacrylate	20.000	18.807	6.0	99	0.00
52	1,3-Dichloropropane	20.000	20.257	-1.3	100	0.00
53 M	Dibromochloromethane	20.000	19.801	1.0	100	0.00
54 M	1,2-Dibromoethane	20.000	19.964	0.2	100	0.00
55 M	2-Chloroethyl vinyl ether	100.000	95.973	4.0	104	0.00
56 M	Bromoform	20.000	19.206	4.0	98	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	96	0.00
58 M	4-Methyl-2-Pentanone	100.000	100.828	-0.8	99	0.00
59 M	2-Hexanone	100.000	96.069	3.9	95	0.00
60 S	4-Bromofluorobenzene	30.000	30.130	-0.4	98	0.00
61 M	Tetrachloroethene	20.000	21.639	-8.2	99	0.00
62 M	Toluene	20.000	21.131	-5.7	100	0.00
63 S	Toluene-d8	30.000	30.773	-2.6	97	0.00
64 M	Chlorobenzene	20.000	20.576	-2.9	99	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.998	-5.0	102	0.00
66 M	Ethyl Benzene	20.000	20.530	-2.7	99	0.00
67 M	m/p-Xylenes	40.000	42.623	-6.6	101	0.00
68 M	o-Xylene	20.000	21.058	-5.3	101	0.00
69 M	Styrene	20.000	20.712	-3.6	99	0.00
70	Isopropylbenzene	20.000	21.069	-5.3	100	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.206	-1.0	98	0.00
72	1,2,3-Trichloropropane	20.000	23.367	-16.8	112	0.00
73	Bromobenzene	20.000	20.157	-0.8	97	0.00
74	n-propylbenzene	20.000	20.904	-4.5	100	0.00
75	2-Chlorotoluene	20.000	21.007	-5.0	100	0.00
76	1,3,5-Trimethylbenzene	20.000	21.124	-5.6	100	0.00
77	t-1,4-Dichloro-2-butene	20.000	17.943	10.3	95	0.00
78	4-Chlorotoluene	20.000	20.468	-2.3	98	0.00
79	tert-butylbenzene	20.000	20.923	-4.6	100	0.00
80	1,2,4-Trimethylbenzene	20.000	21.178	-5.9	101	0.00
81	sec-Butylbenzene	20.000	21.189	-5.9	101	0.00
82	p-Isopropyltoluene	20.000	20.835	-4.2	100	0.00
83 M	1,3-Dichlorobenzene	20.000	20.447	-2.2	100	0.00
84 M	1,4-Dichlorobenzene	20.000	20.382	-1.9	100	0.00
85	n-Butylbenzene	20.000	19.801	1.0	100	0.00
86 T	Hexachloroethane	20.000	19.937	0.3	100	0.00
87 M	1,2-Dichlorobenzene	20.000	20.509	-2.5	99	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	20.949	-4.7	103	0.00
89	1,2,4-Trichlorobenzene	20.000	18.912	5.4	103	0.00
90	Hexachlorobutadiene	20.000	19.582	2.1	95	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	19.782	1.1	101	0.00
92	1,2,3-Trichlorobenzene	20.000	18.648	6.8	97	0.00

(#) = Out of Range

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