

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN052319\
 Data File : VN055753.D
 Acq On : 23 May 2019 14:56
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: May 24 07:05:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052319W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 24 06:41:54 2019
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	50.000	50.000	0.0	107	0.00
2 T	Dichlorodifluoromethane	50.000	45.313	9.4	103	0.00
3 P	Chloromethane	50.000	45.040	9.9	99	0.00
4 C	Vinyl Chloride	50.000	45.305	9.4#	100	0.00
5 T	Bromomethane	50.000	49.784	0.4	102	0.00
6 T	Chloroethane	50.000	46.920	6.2	100	0.00
7 T	Trichlorofluoromethane	50.000	47.284	5.4	104	0.00
8 T	Diethyl Ether	50.000	45.838	8.3	100	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	48.737	2.5	107	0.00
10 T	Methyl Iodide	50.000	48.578	2.8	99	0.00
11 T	Tert butyl alcohol	250.000	237.689	4.9	98	0.00
12 CM	1,1-Dichloroethene	50.000	46.370	7.3#	102	0.00
13 T	Acrolein	250.000	217.072	13.2	96	0.00
14 T	Allyl chloride	50.000	46.635	6.7	102	0.00
15 T	Acrylonitrile	250.000	232.197	7.1	100	0.00
16 T	Acetone	250.000	237.517	5.0	103	0.00
17 T	Carbon Disulfide	50.000	45.248	9.5	102	0.00
18 T	Methyl Acetate	50.000	47.163	5.7	99	0.00
19 T	Methyl tert-butyl Ether	50.000	46.304	7.4	101	0.00
20 T	Methylene Chloride	50.000	45.398	9.2	102	0.00
21 T	trans-1,2-Dichloroethene	50.000	46.587	6.8	103	0.00
22 T	Diisopropyl ether	50.000	45.971	8.1	100	0.00
23 T	Vinyl Acetate	250.000	235.257	5.9	101	0.00
24 P	1,1-Dichloroethane	50.000	46.046	7.9	102	0.00
25 T	2-Butanone	250.000	235.842	5.7	102	0.00
26 T	2,2-Dichloropropane	50.000	47.089	5.8	106	0.00
27 T	cis-1,2-Dichloroethene	50.000	47.039	5.9	102	0.00
28 T	Bromochloromethane	50.000	47.407	5.2	101	0.00
29 T	Tetrahydrofuran	250.000	227.382	9.0	98	0.00
30 C	Chloroform	50.000	46.896	6.2#	102	0.00
31 T	Cyclohexane	50.000	46.670	6.7	104	0.00
32 T	1,1,1-Trichloroethane	50.000	47.030	5.9	104	0.00
33 S	1,2-Dichloroethane-d4	50.000	47.564	4.9	101	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	103	0.00
35 S	Dibromofluoromethane	50.000	50.428	-0.9	102	0.00
36 T	1,1-Dichloropropene	50.000	48.159	3.7	103	0.00
37 T	Ethyl Acetate	50.000	48.961	2.1	101	0.00
38 T	Carbon Tetrachloride	50.000	49.407	1.2	104	0.00
39 T	Methylcyclohexane	50.000	50.611	-1.2	108	0.00
40 TM	Benzene	50.000	48.655	2.7	102	0.00
41 T	Methacrylonitrile	50.000	47.425	5.2	101	0.00
42 TM	1,2-Dichloroethane	50.000	48.512	3.0	102	0.00
43 T	Isopropyl Acetate	50.000	48.193	3.6	101	0.00
44 TM	Trichloroethene	50.000	51.266	-2.5	106	0.00
45 C	1,2-Dichloropropane	50.000	49.048	1.9#	102	0.00

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 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	50.267	-0.5	103	0.00
47 T	Bromodichloromethane	50.000	48.454	3.1	101	0.00
48 T	Methyl methacrylate	50.000	48.611	2.8	99	0.00
49 T	1,4-Dioxane	1000.000	1010.682	-1.1	104	0.00
50 S	Toluene-d8	50.000	50.127	-0.3	103	0.00
51 T	4-Methyl-2-Pentanone	250.000	244.501	2.2	99	0.00
52 CM	Toluene	50.000	49.798	0.4#	103	0.00
53 T	t-1,3-Dichloropropene	50.000	50.504	-1.0	102	0.00
54 T	cis-1,3-Dichloropropene	50.000	50.015	-0.0	102	0.00
55 T	1,1,2-Trichloroethane	50.000	49.401	1.2	102	0.00
56 T	Ethyl methacrylate	50.000	50.219	-0.4	101	0.00
57 T	1,3-Dichloropropane	50.000	49.210	1.6	102	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	256.098	-2.4	102	0.00
59 T	2-Hexanone	250.000	249.416	0.2	100	0.00
60 T	Dibromochloromethane	50.000	51.152	-2.3	104	0.00
61 T	1,2-Dibromoethane	50.000	49.679	0.6	101	0.00
62 S	4-Bromofluorobenzene	50.000	51.252	-2.5	103	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	103	0.00
64 T	Tetrachloroethene	50.000	49.146	1.7	106	0.00
65 PM	Chlorobenzene	50.000	49.590	0.8	104	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	48.568	2.9	104	0.00
67 C	Ethyl Benzene	50.000	48.839	2.3#	103	0.00
68 T	m/p-Xylenes	100.000	99.981	0.0	105	0.00
69 T	o-Xylene	50.000	49.426	1.1	105	0.00
70 T	Styrene	50.000	51.566	-3.1	104	0.00
71 P	Bromoform	50.000	50.546	-1.1	102	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	105	0.00
73 T	Isopropylbenzene	50.000	51.562	-3.1	105	0.00
74 T	N-amyl acetate	50.000	48.931	2.1	99	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	50.494	-1.0	101	0.00
76 T	1,2,3-Trichloropropane	50.000	50.552	-1.1	101	0.00
77 T	Bromobenzene	50.000	46.357	7.3	105	0.00
78 T	n-propylbenzene	50.000	46.274	7.5	107	0.00
79 T	2-Chlorotoluene	50.000	51.164	-2.3	104	0.00
80 T	1,3,5-Trimethylbenzene	50.000	51.503	-3.0	105	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	47.194	5.6	103	0.00
82 T	4-Chlorotoluene	50.000	46.457	7.1	104	0.00
83 T	tert-Butylbenzene	50.000	52.271	-4.5	106	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.203	-2.4	105	0.00
85 T	sec-Butylbenzene	50.000	52.009	-4.0	106	0.00
86 T	p-Isopropyltoluene	50.000	47.051	5.9	107	0.00
87 T	1,3-Dichlorobenzene	50.000	48.454	3.1	106	0.00
88 T	1,4-Dichlorobenzene	50.000	49.595	0.8	108	0.00
89 T	n-Butylbenzene	50.000	48.852	2.3	107	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	45.377	9.2	104	0.00
91 T	1,2-Dichlorobenzene	50.000	47.443	5.1	105	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	43.502	13.0	98	0.00
93 T	1,2,4-Trichlorobenzene	50.000	47.623	4.8	112	0.00
94 T	Hexachlorobutadiene	50.000	54.495	-9.0	114	0.00
95 T	Naphthalene	50.000	50.959	-1.9	103	0.00
96 T	1,2,3-Trichlorobenzene	50.000	52.521	-5.0	110	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 6