

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN121318\
 Data File : VN052875.D
 Acq On : 13 Dec 2018 20:01
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 28

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 14 03:20:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 13 01:08:35 2018
 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	105	0.00
2 T	Dichlorodifluoromethane	50.000	48.225	3.5	102	0.00
3 P	Chloromethane	50.000	47.541	4.9	101	0.00
4 C	Vinyl Chloride	50.000	49.228	1.5#	103	0.00
5 T	Bromomethane	50.000	48.312	3.4	107	0.00
6 T	Chloroethane	50.000	49.125	1.8	105	0.00
7 T	Trichlorofluoromethane	50.000	49.180	1.6	104	0.00
8 T	Diethyl Ether	50.000	51.879	-3.8	107	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	48.638	2.7	103	0.00
10 T	Methyl Iodide	50.000	50.933	-1.9	105	0.00
11 T	Tert butyl alcohol	250.000	237.421	5.0	106	0.00
12 CM	1,1-Dichloroethene	50.000	50.162	-0.3#	105	0.00
13 T	Acrolein	250.000	249.830	0.1	105	0.00
14 T	Allyl chloride	50.000	50.375	-0.8	108	0.00
15 T	Acrylonitrile	250.000	248.523	0.6	102	0.00
16 T	Acetone	250.000	221.395	11.4	96	0.00
17 T	Carbon Disulfide	50.000	47.114	5.8	100	0.00
18 T	Methyl Acetate	50.000	48.790	2.4	105	0.00
19 T	Methyl tert-butyl Ether	50.000	50.549	-1.1	106	0.00
20 T	Methylene Chloride	50.000	47.936	4.1	104	0.00
21 T	trans-1,2-Dichloroethene	50.000	49.005	2.0	105	0.00
22 T	Diisopropyl ether	50.000	49.892	0.2	104	0.00
23 T	Vinyl Acetate	250.000	249.412	0.2	103	0.00
24 P	1,1-Dichloroethane	50.000	50.018	-0.0	105	0.00
25 T	2-Butanone	250.000	236.535	5.4	101	0.00
26 T	2,2-Dichloropropane	50.000	46.636	6.7	97	0.00
27 T	cis-1,2-Dichloroethene	50.000	50.134	-0.3	106	0.00
28 T	Bromochloromethane	50.000	50.314	-0.6	104	0.00
29 T	Tetrahydrofuran	250.000	244.848	2.1	103	0.00
30 C	Chloroform	50.000	50.044	-0.1#	106	0.00
31 T	Cyclohexane	50.000	47.523	5.0	102	0.00
32 T	1,1,1-Trichloroethane	50.000	49.955	0.1	105	0.00
33 S	1,2-Dichloroethane-d4	50.000	49.102	1.8	106	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	106	0.00
35 S	Dibromofluoromethane	50.000	50.330	-0.7	111	0.00
36 T	1,1-Dichloropropene	50.000	50.072	-0.1	105	0.00
37 T	Ethyl Acetate	50.000	49.168	1.7	101	0.00
38 T	Carbon Tetrachloride	50.000	50.248	-0.5	105	0.00
39 T	Methylcyclohexane	50.000	48.717	2.6	103	0.00
40 TM	Benzene	50.000	49.972	0.1	104	0.00
41 T	Methacrylonitrile	50.000	51.946	-3.9	113	0.00
42 TM	1,2-Dichloroethane	50.000	49.646	0.7	104	0.00
43 T	Isopropyl Acetate	50.000	45.319	9.4	104	0.00
44 TM	Trichloroethene	50.000	49.732	0.5	106	0.00
45 C	1,2-Dichloropropane	50.000	49.925	0.2#	104	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	49.526	0.9	105	0.00
47 T	Bromodichloromethane	50.000	50.539	-1.1	104	0.00
48 T	Methyl methacrylate	50.000	51.215	-2.4	104	0.00
49 T	1,4-Dioxane	1000.000	1015.039	-1.5	108	0.00
50 S	Toluene-d8	50.000	50.817	-1.6	108	0.00
51 T	4-Methyl-2-Pentanone	250.000	251.905	-0.8	103	0.00
52 CM	Toluene	50.000	50.798	-1.6#	105	0.00
53 T	t-1,3-Dichloropropene	50.000	50.920	-1.8	103	0.00
54 T	cis-1,3-Dichloropropene	50.000	50.671	-1.3	104	0.00
55 T	1,1,2-Trichloroethane	50.000	50.148	-0.3	106	0.00
56 T	Ethyl methacrylate	50.000	52.059	-4.1	105	0.00
57 T	1,3-Dichloropropane	50.000	50.358	-0.7	105	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	258.350	-3.3	104	0.00
59 T	2-Hexanone	250.000	245.068	2.0	100	0.00
60 T	Dibromochloromethane	50.000	51.170	-2.3	105	0.00
61 T	1,2-Dibromoethane	50.000	50.375	-0.8	104	0.00
62 S	4-Bromofluorobenzene	50.000	51.136	-2.3	109	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	105	0.00
64 T	Tetrachloroethene	50.000	50.119	-0.2	105	0.00
65 PM	Chlorobenzene	50.000	50.564	-1.1	107	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	50.643	-1.3	105	0.00
67 C	Ethyl Benzene	50.000	50.809	-1.6#	105	0.00
68 T	m/p-Xylenes	100.000	102.167	-2.2	105	0.00
69 T	o-Xylene	50.000	51.243	-2.5	105	0.00
70 T	Styrene	50.000	52.467	-4.9	105	0.00
71 P	Bromoform	50.000	50.613	-1.2	102	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	105	0.00
73 T	Isopropylbenzene	50.000	50.281	-0.6	105	0.00
74 T	N-amyl acetate	50.000	50.178	-0.4	102	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	48.381	3.2	104	0.00
76 T	1,2,3-Trichloropropane	50.000	47.642	4.7	101	0.00
77 T	Bromobenzene	50.000	50.141	-0.3	106	0.00
78 T	n-propylbenzene	50.000	50.529	-1.1	104	0.00
79 T	2-Chlorotoluene	50.000	49.809	0.4	104	0.00
80 T	1,3,5-Trimethylbenzene	50.000	50.531	-1.1	104	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	49.602	0.8	101	0.00
82 T	4-Chlorotoluene	50.000	50.016	-0.0	105	0.00
83 T	tert-Butylbenzene	50.000	50.098	-0.2	104	0.00
84 T	1,2,4-Trimethylbenzene	50.000	50.360	-0.7	104	0.00
85 T	sec-Butylbenzene	50.000	50.183	-0.4	104	0.00
86 T	p-Isopropyltoluene	50.000	50.415	-0.8	104	0.00
87 T	1,3-Dichlorobenzene	50.000	49.754	0.5	104	0.00
88 T	1,4-Dichlorobenzene	50.000	49.463	1.1	104	0.00
89 T	n-Butylbenzene	50.000	50.186	-0.4	103	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	49.528	0.9	103	0.00
91 T	1,2-Dichlorobenzene	50.000	49.525	1.0	104	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	49.373	1.3	102	0.00
93 T	1,2,4-Trichlorobenzene	50.000	51.224	-2.4	105	0.00
94 T	Hexachlorobutadiene	50.000	47.970	4.1	105	0.00
95 T	Naphthalene	50.000	51.946	-3.9	104	0.00
96 T	1,2,3-Trichlorobenzene	50.000	51.047	-2.1	105	0.00

(#) = Out of Range

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