

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN051419\
 Data File : VN055596.D
 Acq On : 14 May 2019 16:16
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: May 15 07:57:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051419W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 15 07:28:47 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	105	0.00
2 T	Dichlorodifluoromethane	50.000	45.452	9.1	100	0.00
3 P	Chloromethane	50.000	45.145	9.7	102	0.00
4 C	Vinyl Chloride	50.000	45.635	8.7#	100	0.00
5 T	Bromomethane	50.000	46.323	7.4	103	0.00
6 T	Chloroethane	50.000	46.531	6.9	102	0.00
7 T	Trichlorofluoromethane	50.000	47.018	6.0	103	0.00
8 T	Diethyl Ether	50.000	46.813	6.4	102	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	46.661	6.7	102	0.00
10 T	Methyl Iodide	50.000	51.876	-3.8	102	0.00
11 T	Tert butyl alcohol	250.000	251.732	-0.7	104	0.00
12 CM	1,1-Dichloroethene	50.000	48.169	3.7#	103	0.00
13 T	Acrolein	250.000	232.200	7.1	101	0.00
14 T	Allyl chloride	50.000	48.806	2.4	104	0.00
15 T	Acrylonitrile	250.000	246.481	1.4	102	0.00
16 T	Acetone	250.000	223.888	10.4	97	0.00
17 T	Carbon Disulfide	50.000	47.534	4.9	101	0.00
18 T	Methyl Acetate	50.000	50.748	-1.5	104	0.00
19 T	Methyl tert-butyl Ether	50.000	49.932	0.1	105	0.00
20 T	Methylene Chloride	50.000	46.686	6.6	104	0.00
21 T	trans-1,2-Dichloroethene	50.000	48.265	3.5	102	0.00
22 T	Diisopropyl ether	50.000	49.641	0.7	102	0.00
23 T	Vinyl Acetate	250.000	262.780	-5.1	104	0.00
24 P	1,1-Dichloroethane	50.000	47.912	4.2	102	0.00
25 T	2-Butanone	250.000	244.102	2.4	101	0.00
26 T	2,2-Dichloropropane	50.000	49.801	0.4	107	0.00
27 T	cis-1,2-Dichloroethene	50.000	48.147	3.7	103	0.00
28 T	Bromochloromethane	50.000	47.805	4.4	101	0.00
29 T	Tetrahydrofuran	250.000	243.147	2.7	102	0.00
30 C	Chloroform	50.000	47.658	4.7#	103	0.00
31 T	Cyclohexane	50.000	45.912	8.2	101	0.00
32 T	1,1,1-Trichloroethane	50.000	49.057	1.9	103	0.00
33 S	1,2-Dichloroethane-d4	50.000	49.420	1.2	102	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	102	0.00
35 S	Dibromofluoromethane	50.000	50.712	-1.4	103	0.00
36 T	1,1-Dichloropropene	50.000	48.686	2.6	102	0.00
37 T	Ethyl Acetate	50.000	50.396	-0.8	100	0.00
38 T	Carbon Tetrachloride	50.000	49.497	1.0	103	0.00
39 T	Methylcyclohexane	50.000	49.472	1.1	103	0.00
40 TM	Benzene	50.000	49.193	1.6	102	0.00
41 T	Methacrylonitrile	50.000	57.384	-14.8	106	0.00
42 TM	1,2-Dichloroethane	50.000	48.786	2.4	103	0.00
43 T	Isopropyl Acetate	50.000	51.855	-3.7	105	0.00
44 TM	Trichloroethene	50.000	48.936	2.1	101	0.00
45 C	1,2-Dichloropropane	50.000	49.582	0.8#	103	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	48.685	2.6	103	0.00
47 T	Bromodichloromethane	50.000	50.323	-0.6	102	0.00
48 T	Methyl methacrylate	50.000	50.197	-0.4	102	0.00
49 T	1,4-Dioxane	1000.000	1041.146	-4.1	103	0.00
50 S	Toluene-d8	50.000	51.474	-2.9	102	0.00
51 T	4-Methyl-2-Pentanone	250.000	254.338	-1.7	103	0.00
52 CM	Toluene	50.000	49.931	0.1#	101	0.00
53 T	t-1,3-Dichloropropene	50.000	53.812	-7.6	104	0.00
54 T	cis-1,3-Dichloropropene	50.000	53.521	-7.0	102	0.00
55 T	1,1,2-Trichloroethane	50.000	48.647	2.7	101	0.00
56 T	Ethyl methacrylate	50.000	52.486	-5.0	103	0.00
57 T	1,3-Dichloropropane	50.000	50.134	-0.3	102	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	233.232	6.7	102	0.00
59 T	2-Hexanone	250.000	254.692	-1.9	103	0.00
60 T	Dibromochloromethane	50.000	52.336	-4.7	102	0.00
61 T	1,2-Dibromoethane	50.000	51.809	-3.6	104	0.00
62 S	4-Bromofluorobenzene	50.000	52.887	-5.8	102	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	102	0.00
64 T	Tetrachloroethene	50.000	46.963	6.1	99	0.00
65 PM	Chlorobenzene	50.000	48.836	2.3	102	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	50.665	-1.3	102	0.00
67 C	Ethyl Benzene	50.000	50.535	-1.1#	103	0.00
68 T	m/p-Xylenes	100.000	101.145	-1.1	102	0.00
69 T	o-Xylene	50.000	50.949	-1.9	102	0.00
70 T	Styrene	50.000	53.555	-7.1	102	0.00
71 P	Bromoform	50.000	53.891	-7.8	103	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	101	0.00
73 T	Isopropylbenzene	50.000	43.740	12.5	103	0.00
74 T	N-amyl acetate	50.000	47.802	4.4	102	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	52.038	-4.1	103	0.00
76 T	1,2,3-Trichloropropane	50.000	45.964	8.1	109	0.00
77 T	Bromobenzene	50.000	50.861	-1.7	102	0.00
78 T	n-propylbenzene	50.000	46.260	7.5	101	0.00
79 T	2-Chlorotoluene	50.000	44.315	11.4	102	0.00
80 T	1,3,5-Trimethylbenzene	50.000	46.130	7.7	101	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	48.483	3.0	106	0.00
82 T	4-Chlorotoluene	50.000	46.610	6.8	102	0.00
83 T	tert-Butylbenzene	50.000	44.275	11.5	102	0.00
84 T	1,2,4-Trimethylbenzene	50.000	47.963	4.1	101	0.00
85 T	sec-Butylbenzene	50.000	45.825	8.3	101	0.00
86 T	p-Isopropyltoluene	50.000	48.857	2.3	102	0.00
87 T	1,3-Dichlorobenzene	50.000	47.645	4.7	101	0.00
88 T	1,4-Dichlorobenzene	50.000	46.936	6.1	101	0.00
89 T	n-Butylbenzene	50.000	52.058	-4.1	102	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	50.393	-0.8	104	0.00
91 T	1,2-Dichlorobenzene	50.000	47.034	5.9	100	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	46.686	6.6	99	0.00
93 T	1,2,4-Trichlorobenzene	50.000	46.139	7.7	101	0.00
94 T	Hexachlorobutadiene	50.000	52.078	-4.2	101	0.00
95 T	Naphthalene	50.000	47.048	5.9	104	0.00
96 T	1,2,3-Trichlorobenzene	50.000	47.093	5.8	102	0.00

(#) = Out of Range

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