

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU080118\
 Data File : VU025737.D
 Acq On : 31 Jul 2018 14:09
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 LabSampleId :
 VSTDCCC050

Quant Time: Jul 31 17:11:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 27 13:11:52 2018
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	50.000	50.000	0.0	111	0.00
2 T	Dichlorodifluoromethane	50.000	51.903	-3.8	103	0.00
3 P	Chloromethane	50.000	43.840	12.3	95	0.00
4 C	Vinyl Chloride	50.000	46.846	6.3#	102	0.00
5 T	Bromomethane	50.000	50.195	-0.4	106	0.00
6 T	Chloroethane	50.000	46.595	6.8	104	0.00
7 T	Trichlorofluoromethane	50.000	48.451	3.1	104	0.00
8 T	Diethyl Ether	50.000	47.142	5.7	105	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	47.698	4.6	103	0.00
10 T	Methyl Iodide	50.000	42.562	14.9	104	0.00
11 T	Tert butyl alcohol	250.000	199.360	20.3#	89	0.00
12 CM	1,1-Dichloroethene	50.000	46.535	6.9#	103	0.00
13 T	Acrolein	250.000	295.361	-18.1	132	0.00
14 T	Allyl chloride	50.000	45.515	9.0	106	0.00
15 T	Acrylonitrile	250.000	226.499	9.4	96	0.00
16 T	Acetone	250.000	222.663	10.9	97	0.00
17 T	Carbon Disulfide	50.000	46.350	7.3	103	0.00
18 T	Methyl Acetate	50.000	50.277	-0.6	103	0.00
19 T	Methyl tert-butyl Ether	50.000	48.055	3.9	104	0.00
20 T	Methylene Chloride	50.000	45.716	8.6	104	0.00
21 T	trans-1,2-Dichloroethene	50.000	46.699	6.6	103	0.00
22 T	Diisopropyl ether	50.000	48.093	3.8	104	0.00
23 T	Vinyl Acetate	250.000	233.940	6.4	101	0.00
24 P	1,1-Dichloroethane	50.000	47.754	4.5	104	0.00
25 T	2-Butanone	250.000	221.515	11.4	95	0.00
26 T	2,2-Dichloropropane	50.000	49.525	1.0	109	0.00
27 T	cis-1,2-Dichloroethene	50.000	47.453	5.1	104	0.00
28 T	Bromochloromethane	50.000	49.662	0.7	105	0.00
29 T	Tetrahydrofuran	250.000	216.164	13.5	93	0.00
30 C	Chloroform	50.000	46.289	7.4#	102	0.00
31 T	Cyclohexane	50.000	48.052	3.9	103	0.00
32 T	1,1,1-Trichloroethane	50.000	47.721	4.6	103	0.00
33 S	1,2-Dichloroethane-d4	50.000	46.405	7.2	102	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	109	0.00
35 S	Dibromofluoromethane	50.000	46.627	6.7	102	0.00
36 T	1,1-Dichloropropene	50.000	49.070	1.9	104	0.00
37 T	Ethyl Acetate	50.000	45.383	9.2	95	0.00
38 T	Carbon Tetrachloride	50.000	49.317	1.4	106	0.00
39 T	Methylcyclohexane	50.000	49.048	1.9	104	0.00
40 TM	Benzene	50.000	47.674	4.7	105	0.00
41 T	Methacrylonitrile	50.000	46.007	8.0	97	0.00
42 TM	1,2-Dichloroethane	50.000	47.134	5.7	104	0.00
43 T	Isopropyl Acetate	50.000	45.771	8.5	98	0.00
44 TM	Trichloroethene	50.000	48.567	2.9	107	0.00
45 C	1,2-Dichloropropane	50.000	47.584	4.8#	101	0.00

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 Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	46.295	7.4	102	0.00
47 T	Bromodichloromethane	50.000	48.371	3.3	104	0.00
48 T	Methyl methacrylate	50.000	48.517	3.0	101	0.00
49 T	1,4-Dioxane	1000.000	897.546	10.2	96	0.00
50 S	Toluene-d8	50.000	48.414	3.2	103	0.00
51 T	4-Methyl-2-Pentanone	250.000	227.807	8.9	96	0.00
52 CM	Toluene	50.000	49.337	1.3#	105	0.00
53 T	t-1,3-Dichloropropene	50.000	50.501	-1.0	107	0.00
54 T	cis-1,3-Dichloropropene	50.000	50.665	-1.3	107	0.00
55 T	1,1,2-Trichloroethane	50.000	47.722	4.6	103	0.00
56 T	Ethyl methacrylate	50.000	49.307	1.4	104	0.00
57 T	1,3-Dichloropropane	50.000	47.904	4.2	105	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	226.227	9.5	101	0.00
59 T	2-Hexanone	250.000	232.482	7.0	97	0.00
60 T	Dibromochloromethane	50.000	48.687	2.6	106	0.00
61 T	1,2-Dibromoethane	50.000	48.370	3.3	104	0.00
62 S	4-Bromofluorobenzene	50.000	48.546	2.9	104	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	108	0.00
64 T	Tetrachloroethene	50.000	48.675	2.7	103	0.00
65 PM	Chlorobenzene	50.000	48.921	2.2	106	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	50.333	-0.7	104	0.00
67 C	Ethyl Benzene	50.000	50.490	-1.0#	107	0.00
68 T	m/p-Xylenes	100.000	103.553	-3.6	106	0.00
69 T	o-Xylene	50.000	51.066	-2.1	106	0.00
70 T	Styrene	50.000	51.500	-3.0	104	0.00
71 P	Bromoform	50.000	51.063	-2.1	106	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	108	0.00
73 T	Isopropylbenzene	50.000	49.875	0.3	106	0.00
74 T	N-amyl acetate	50.000	48.920	2.2	102	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	46.705	6.6	102	0.00
76 T	1,2,3-Trichloropropane	50.000	42.020	16.0	91	0.00
77 T	Bromobenzene	50.000	49.329	1.3	108	0.00
78 T	n-propylbenzene	50.000	50.878	-1.8	107	0.00
79 T	2-Chlorotoluene	50.000	49.969	0.1	106	0.00
80 T	1,3,5-Trimethylbenzene	50.000	50.959	-1.9	105	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	49.400	1.2	121	0.01
82 T	4-Chlorotoluene	50.000	51.454	-2.9	107	0.00
83 T	tert-Butylbenzene	50.000	49.503	1.0	106	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.459	-2.9	106	0.00
85 T	sec-Butylbenzene	50.000	49.835	0.3	104	0.00
86 T	p-Isopropyltoluene	50.000	50.897	-1.8	105	0.00
87 T	1,3-Dichlorobenzene	50.000	49.871	0.3	108	0.00
88 T	1,4-Dichlorobenzene	50.000	48.659	2.7	108	0.00
89 T	n-Butylbenzene	50.000	50.290	-0.6	105	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	48.229	3.5	104	0.00
91 T	1,2-Dichlorobenzene	50.000	50.174	-0.3	107	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	47.365	5.3	100	0.00
93 T	1,2,4-Trichlorobenzene	50.000	53.302	-6.6	110	0.00
94 T	Hexachlorobutadiene	50.000	44.712	10.6	98	0.00
95 T	Naphthalene	50.000	47.486	5.0	104	0.00
96 T	1,2,3-Trichlorobenzene	50.000	52.562	-5.1	106	0.00

(#) = Out of Range

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