

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU080118\
 Data File : VU025758.D
 Acq On : 31 Jul 2018 22:48
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 LabSampleId :
 VSTDCCC050

Quant Time: Aug 01 06:05:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 31 16:07:47 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	108	0.00
2 T	Dichlorodifluoromethane	50.000	52.346	-4.7	101	0.00
3 P	Chloromethane	50.000	44.821	10.4	94	0.00
4 C	Vinyl Chloride	50.000	49.291	1.4#	104	0.00
5 T	Bromomethane	50.000	52.431	-4.9	107	0.00
6 T	Chloroethane	50.000	48.242	3.5	104	0.00
7 T	Trichlorofluoromethane	50.000	50.177	-0.4	104	0.00
8 T	Diethyl Ether	50.000	48.795	2.4	105	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	50.567	-1.1	105	0.00
10 T	Methyl Iodide	50.000	48.802	2.4	120	0.00
11 T	Tert butyl alcohol	250.000	225.703	9.7	98	0.00
12 CM	1,1-Dichloroethene	50.000	50.473	-0.9#	109	0.00
13 T	Acrolein	250.000	311.880	-24.8#	136	0.00
14 T	Allyl chloride	50.000	46.927	6.1	106	0.00
15 T	Acrylonitrile	250.000	249.832	0.1	103	0.00
16 T	Acetone	250.000	199.815	20.1#	85	0.00
17 T	Carbon Disulfide	50.000	47.257	5.5	102	0.00
18 T	Methyl Acetate	50.000	57.244	-14.5	113	0.00
19 T	Methyl tert-butyl Ether	50.000	51.288	-2.6	107	0.00
20 T	Methylene Chloride	50.000	47.338	5.3	104	0.00
21 T	trans-1,2-Dichloroethene	50.000	49.043	1.9	105	0.00
22 T	Diisopropyl ether	50.000	51.324	-2.6	107	0.00
23 T	Vinyl Acetate	250.000	246.295	1.5	103	0.00
24 P	1,1-Dichloroethane	50.000	50.461	-0.9	106	0.00
25 T	2-Butanone	250.000	233.204	6.7	97	0.00
26 T	2,2-Dichloropropane	50.000	42.116	15.8	90	0.00
27 T	cis-1,2-Dichloroethene	50.000	49.096	1.8	105	0.00
28 T	Bromochloromethane	50.000	50.476	-1.0	103	0.00
29 T	Tetrahydrofuran	250.000	244.611	2.2	102	0.00
30 C	Chloroform	50.000	49.844	0.3#	106	0.00
31 T	Cyclohexane	50.000	49.513	1.0	103	0.00
32 T	1,1,1-Trichloroethane	50.000	50.586	-1.2	106	0.00
33 S	1,2-Dichloroethane-d4	50.000	49.679	0.6	106	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	108	0.00
35 S	Dibromofluoromethane	50.000	49.009	2.0	106	0.00
36 T	1,1-Dichloropropene	50.000	50.422	-0.8	106	0.00
37 T	Ethyl Acetate	50.000	49.216	1.6	102	0.00
38 T	Carbon Tetrachloride	50.000	49.982	0.0	106	0.00
39 T	Methylcyclohexane	50.000	48.942	2.1	103	0.00
40 TM	Benzene	50.000	49.500	1.0	107	0.00
41 T	Methacrylonitrile	50.000	50.366	-0.7	105	0.00
42 TM	1,2-Dichloroethane	50.000	49.347	1.3	108	0.00
43 T	Isopropyl Acetate	50.000	49.353	1.3	105	0.00
44 TM	Trichloroethene	50.000	50.149	-0.3	109	0.00
45 C	1,2-Dichloropropane	50.000	49.251	1.5#	104	0.00

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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)
46 T	Dibromomethane	50.000	49.395	1.2	108	0.00
47 T	Bromodichloromethane	50.000	50.115	-0.2	106	0.00
48 T	Methyl methacrylate	50.000	51.707	-3.4	106	0.00
49 T	1,4-Dioxane	1000.000	918.193	8.2	97	0.00
50 S	Toluene-d8	50.000	50.282	-0.6	105	0.00
51 T	4-Methyl-2-Pentanone	250.000	250.711	-0.3	104	0.00
52 CM	Toluene	50.000	50.977	-2.0#	107	0.00
53 T	t-1,3-Dichloropropene	50.000	50.079	-0.2	105	0.00
54 T	cis-1,3-Dichloropropene	50.000	50.788	-1.6	106	0.00
55 T	1,1,2-Trichloroethane	50.000	50.361	-0.7	107	0.00
56 T	Ethyl methacrylate	50.000	51.952	-3.9	108	0.00
57 T	1,3-Dichloropropane	50.000	49.867	0.3	108	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	228.313	8.7	101	0.00
59 T	2-Hexanone	250.000	247.211	1.1	102	0.00
60 T	Dibromochloromethane	50.000	49.939	0.1	107	0.00
61 T	1,2-Dibromoethane	50.000	50.051	-0.1	106	0.00
62 S	4-Bromofluorobenzene	50.000	51.171	-2.3	108	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	108	0.00
64 T	Tetrachloroethene	50.000	50.612	-1.2	108	0.00
65 PM	Chlorobenzene	50.000	49.860	0.3	108	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	51.419	-2.8	107	0.00
67 C	Ethyl Benzene	50.000	50.912	-1.8#	108	0.00
68 T	m/p-Xylenes	100.000	104.764	-4.8	107	0.00
69 T	o-Xylene	50.000	51.091	-2.2	106	0.00
70 T	Styrene	50.000	52.898	-5.8	107	0.00
71 P	Bromoform	50.000	52.487	-5.0	109	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	107	0.00
73 T	Isopropylbenzene	50.000	51.437	-2.9	107	0.00
74 T	N-amyl acetate	50.000	51.435	-2.9	106	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	49.060	1.9	105	0.00
76 T	1,2,3-Trichloropropane	50.000	47.997	4.0	102	0.00
77 T	Bromobenzene	50.000	50.627	-1.3	109	0.00
78 T	n-propylbenzene	50.000	51.793	-3.6	107	0.00
79 T	2-Chlorotoluene	50.000	51.655	-3.3	108	0.00
80 T	1,3,5-Trimethylbenzene	50.000	52.312	-4.6	107	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	41.857	16.3	101	0.02
82 T	4-Chlorotoluene	50.000	52.100	-4.2	107	0.00
83 T	tert-Butylbenzene	50.000	51.066	-2.1	107	0.00
84 T	1,2,4-Trimethylbenzene	50.000	52.400	-4.8	106	0.00
85 T	sec-Butylbenzene	50.000	51.254	-2.5	105	0.00
86 T	p-Isopropyltoluene	50.000	51.800	-3.6	105	0.00
87 T	1,3-Dichlorobenzene	50.000	50.547	-1.1	108	0.00
88 T	1,4-Dichlorobenzene	50.000	49.151	1.7	107	0.00
89 T	n-Butylbenzene	50.000	50.107	-0.2	103	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	48.534	2.9	104	0.00
91 T	1,2-Dichlorobenzene	50.000	50.999	-2.0	108	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	50.596	-1.2	106	0.00
93 T	1,2,4-Trichlorobenzene	50.000	52.871	-5.7	107	0.00
94 T	Hexachlorobutadiene	50.000	45.304	9.4	98	0.00
95 T	Naphthalene	50.000	50.213	-0.4	108	0.00
96 T	1,2,3-Trichlorobenzene	50.000	52.936	-5.9	105	0.00

(#) = Out of Range

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