

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU092318\
 Data File : VU027091.D
 Acq On : 23 Sep 2018 22:38
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 135 Sample Multiplier: 1

Instrument :
 MSVOA_U
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 24 09:07:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U092218W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 22 01:31:57 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	98	0.00
2 T	Dichlorodifluoromethane	50.000	47.938	4.1	96	0.00
3 P	Chloromethane	50.000	46.663	6.7	97	0.00
4 C	Vinyl Chloride	50.000	48.479	3.0#	97	0.00
5 T	Bromomethane	50.000	44.489	11.0	96	0.00
6 T	Chloroethane	50.000	49.405	1.2	99	0.00
7 T	Trichlorofluoromethane	50.000	48.809	2.4	98	0.00
8 T	Diethyl Ether	50.000	49.747	0.5	98	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	47.995	4.0	98	0.00
10 T	Methyl Iodide	50.000	39.378	21.2#	77	0.00
11 T	Tert butyl alcohol	250.000	239.696	4.1	96	0.00
12 CM	1,1-Dichloroethene	50.000	48.367	3.3#	97	0.00
13 T	Acrolein	250.000	242.673	2.9	90	0.00
14 T	Allyl chloride	50.000	54.996	-10.0	107	0.00
15 T	Acrylonitrile	250.000	264.089	-5.6	102	0.00
16 T	Acetone	250.000	244.007	2.4	92	0.00
17 T	Carbon Disulfide	50.000	47.907	4.2	97	0.00
18 T	Methyl Acetate	50.000	54.590	-9.2	106	0.00
19 T	Methyl tert-butyl Ether	50.000	54.806	-9.6	106	0.00
20 T	Methylene Chloride	50.000	47.946	4.1	100	0.00
21 T	trans-1,2-Dichloroethene	50.000	51.361	-2.7	99	0.00
22 T	Diisopropyl ether	50.000	57.251	-14.5	106	0.00
23 T	Vinyl Acetate	250.000	288.219	-15.3	107	0.00
24 P	1,1-Dichloroethane	50.000	52.121	-4.2	102	0.00
25 T	2-Butanone	250.000	258.074	-3.2	102	0.00
26 T	2,2-Dichloropropane	50.000	45.074	9.9	89	0.00
27 T	cis-1,2-Dichloroethene	50.000	51.942	-3.9	101	0.00
28 T	Bromochloromethane	50.000	60.614	-21.2#	115	0.00
29 T	Tetrahydrofuran	250.000	277.130	-10.9	104	0.00
30 C	Chloroform	50.000	50.587	-1.2#	100	0.00
31 T	Cyclohexane	50.000	53.104	-6.2	103	0.00
32 T	1,1,1-Trichloroethane	50.000	51.793	-3.6	101	0.00
33 S	1,2-Dichloroethane-d4	50.000	51.392	-2.8	101	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	101	0.00
35 S	Dibromofluoromethane	50.000	49.334	1.3	99	0.00
36 T	1,1-Dichloropropene	50.000	50.374	-0.7	101	0.00
37 T	Ethyl Acetate	50.000	53.086	-6.2	107	0.00
38 T	Carbon Tetrachloride	50.000	48.933	2.1	98	0.00
39 T	Methylcyclohexane	50.000	54.745	-9.5	103	0.00
40 TM	Benzene	50.000	50.323	-0.6	101	0.00
41 T	Methacrylonitrile	50.000	57.396	-14.8	108	0.00
42 TM	1,2-Dichloroethane	50.000	51.508	-3.0	102	0.00
43 T	Isopropyl Acetate	50.000	55.517	-11.0	108	0.00
44 TM	Trichloroethene	50.000	49.070	1.9	98	0.00
45 C	1,2-Dichloropropane	50.000	52.766	-5.5#	105	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	49.367	1.3	99	0.00
47 T	Bromodichloromethane	50.000	50.874	-1.7	103	0.00
48 T	Methyl methacrylate	50.000	51.481	-3.0	106	0.00
49 T	1,4-Dioxane	1000.000	854.918	14.5	86	0.00
50 S	Toluene-d8	50.000	50.590	-1.2	99	0.00
51 T	4-Methyl-2-Pentanone	250.000	279.878	-12.0	106	0.00
52 CM	Toluene	50.000	53.205	-6.4#	99	0.00
53 T	t-1,3-Dichloropropene	50.000	54.493	-9.0	103	0.00
54 T	cis-1,3-Dichloropropene	50.000	53.216	-6.4	101	0.00
55 T	1,1,2-Trichloroethane	50.000	50.633	-1.3	99	0.00
56 T	Ethyl methacrylate	50.000	50.179	-0.4	107	0.00
57 T	1,3-Dichloropropane	50.000	52.004	-4.0	101	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	253.514	-1.4	103	0.00
59 T	2-Hexanone	250.000	271.238	-8.5	104	0.00
60 T	Dibromochloromethane	50.000	52.317	-4.6	103	0.00
61 T	1,2-Dibromoethane	50.000	50.383	-0.8	99	0.00
62 S	4-Bromofluorobenzene	50.000	53.532	-7.1	105	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	99	0.00
64 T	Tetrachloroethene	50.000	48.407	3.2	99	0.00
65 PM	Chlorobenzene	50.000	48.178	3.6	99	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	50.518	-1.0	100	0.00
67 C	Ethyl Benzene	50.000	54.572	-9.1#	102	0.00
68 T	m/p-Xylenes	100.000	98.914	1.1	99	0.00
69 T	o-Xylene	50.000	54.729	-9.5	101	0.00
70 T	Styrene	50.000	49.637	0.7	102	0.00
71 P	Bromoform	50.000	52.860	-5.7	104	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	97	0.00
73 T	Isopropylbenzene	50.000	55.232	-10.5	101	0.00
74 T	N-amyl acetate	50.000	57.286	-14.6	109	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	47.752	4.5	100	0.00
76 T	1,2,3-Trichloropropane	50.000	47.194	5.6	94	0.00
77 T	Bromobenzene	50.000	50.375	-0.8	97	0.00
78 T	n-propylbenzene	50.000	57.362	-14.7	101	0.00
79 T	2-Chlorotoluene	50.000	53.539	-7.1	101	0.00
80 T	1,3,5-Trimethylbenzene	50.000	56.283	-12.6	100	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	49.333	1.3	101	0.00
82 T	4-Chlorotoluene	50.000	54.896	-9.8	101	0.00
83 T	tert-Butylbenzene	50.000	54.094	-8.2	100	0.00
84 T	1,2,4-Trimethylbenzene	50.000	56.825	-13.7	101	0.00
85 T	sec-Butylbenzene	50.000	56.363	-12.7	101	0.00
86 T	p-Isopropyltoluene	50.000	51.173	-2.3	100	0.00
87 T	1,3-Dichlorobenzene	50.000	51.337	-2.7	100	0.00
88 T	1,4-Dichlorobenzene	50.000	47.346	5.3	98	0.00
89 T	n-Butylbenzene	50.000	50.006	-0.0	101	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	49.562	0.9	101	0.00
91 T	1,2-Dichlorobenzene	50.000	48.327	3.3	99	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	52.922	-5.8	105	0.00
93 T	1,2,4-Trichlorobenzene	50.000	55.244	-10.5	101	0.00
94 T	Hexachlorobutadiene	50.000	50.197	-0.4	98	0.00
95 T	Naphthalene	50.000	50.938	-1.9	101	0.00
96 T	1,2,3-Trichlorobenzene	50.000	53.450	-6.9	98	0.00

(#) = Out of Range

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