

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU011219\
 Data File : VU029143.D
 Acq On : 11 Jan 2019 15:44
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 LabSampleId :
 VSTDCCC050

Quant Time: Jan 11 23:49:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U010319W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 04 02:22:53 2019
 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	133	0.00
2 T	Dichlorodifluoromethane	50.000	50.774	-1.5	136	0.00
3 P	Chloromethane	50.000	45.273	9.5	121	0.00
4 C	Vinyl Chloride	50.000	49.722	0.6#	134	0.00
5 T	Bromomethane	50.000	48.235	3.5	119	0.00
6 T	Chloroethane	50.000	49.805	0.4	136	0.00
7 T	Trichlorofluoromethane	50.000	50.637	-1.3	137	0.00
8 T	Diethyl Ether	50.000	48.999	2.0	129	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	52.001	-4.0	155	0.00
10 T	Methyl Iodide	50.000	43.582	12.8	118	0.00
11 T	Tert butyl alcohol	250.000	224.461	10.2	124	0.00
12 CM	1,1-Dichloroethene	50.000	50.133	-0.3#	146	0.00
13 T	Acrolein	250.000	276.458	-10.6	153	0.00
14 T	Allyl chloride	50.000	47.224	5.6	121	0.00
15 T	Acrylonitrile	250.000	258.926	-3.6	135	0.00
16 T	Acetone	250.000	303.129	-21.3#	169	0.00
17 T	Carbon Disulfide	50.000	47.430	5.1	127	0.00
18 T	Methyl Acetate	50.000	54.253	-8.5	148	0.00
19 T	Methyl tert-butyl Ether	50.000	51.186	-2.4	137	0.00
20 T	Methylene Chloride	50.000	49.524	1.0	137	0.00
21 T	trans-1,2-Dichloroethene	50.000	48.249	3.5	131	0.00
22 T	Diisopropyl ether	50.000	53.613	-7.2	141	0.00
23 T	Vinyl Acetate	250.000	264.701	-5.9	137	0.00
24 P	1,1-Dichloroethane	50.000	52.762	-5.5	140	0.00
25 T	2-Butanone	250.000	280.967	-12.4	146	0.00
26 T	2,2-Dichloropropane	50.000	53.181	-6.4	142	0.00
27 T	cis-1,2-Dichloroethene	50.000	51.042	-2.1	135	0.00
28 T	Bromochloromethane	50.000	53.491	-7.0	139	0.00
29 T	Tetrahydrofuran	250.000	262.032	-4.8	137	0.00
30 C	Chloroform	50.000	53.545	-7.1#	142	0.00
31 T	Cyclohexane	50.000	50.096	-0.2	133	0.00
32 T	1,1,1-Trichloroethane	50.000	52.205	-4.4	139	0.00
33 S	1,2-Dichloroethane-d4	50.000	53.120	-6.2	140	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	124	0.00
35 S	Dibromofluoromethane	50.000	54.617	-9.2	137	0.00
36 T	1,1-Dichloropropene	50.000	53.431	-6.9	139	0.00
37 T	Ethyl Acetate	50.000	54.901	-9.8	136	0.00
38 T	Carbon Tetrachloride	50.000	56.711	-13.4	140	0.00
39 T	Methylcyclohexane	50.000	52.751	-5.5	134	0.00
40 TM	Benzene	50.000	54.316	-8.6	137	0.00
41 T	Methacrylonitrile	50.000	56.707	-13.4	138	0.00
42 TM	1,2-Dichloroethane	50.000	57.749	-15.5	141	0.00
43 T	Isopropyl Acetate	50.000	55.503	-11.0	135	0.00
44 TM	Trichloroethene	50.000	52.149	-4.3	134	0.00
45 C	1,2-Dichloropropane	50.000	56.483	-13.0#	140	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	56.167	-12.3	141	0.00
47 T	Bromodichloromethane	50.000	57.501	-15.0	145	0.00
48 T	Methyl methacrylate	50.000	57.507	-15.0	135	0.00
49 T	1,4-Dioxane	1000.000	1008.168	-0.8	124	0.00
50 S	Toluene-d8	50.000	53.382	-6.8	133	0.00
51 T	4-Methyl-2-Pentanone	250.000	279.760	-11.9	137	0.00
52 CM	Toluene	50.000	54.441	-8.9#	137	0.00
53 T	t-1,3-Dichloropropene	50.000	54.414	-8.8	138	0.00
54 T	cis-1,3-Dichloropropene	50.000	54.987	-10.0	137	0.00
55 T	1,1,2-Trichloroethane	50.000	57.225	-14.5	144	0.00
56 T	Ethyl methacrylate	50.000	54.185	-8.4	133	0.00
57 T	1,3-Dichloropropane	50.000	55.257	-10.5	138	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	282.895	-13.2	136	0.00
59 T	2-Hexanone	250.000	287.798	-15.1	141	0.00
60 T	Dibromochloromethane	50.000	54.772	-9.5	137	0.00
61 T	1,2-Dibromoethane	50.000	54.600	-9.2	137	0.00
62 S	4-Bromofluorobenzene	50.000	53.617	-7.2	136	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	129	0.00
64 T	Tetrachloroethene	50.000	53.274	-6.5	137	0.00
65 PM	Chlorobenzene	50.000	51.086	-2.2	137	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	54.614	-9.2	142	0.00
67 C	Ethyl Benzene	50.000	53.000	-6.0#	135	0.00
68 T	m/p-Xylenes	100.000	106.788	-6.8	138	0.00
69 T	o-Xylene	50.000	52.468	-4.9	134	0.00
70 T	Styrene	50.000	55.029	-10.1	138	0.00
71 P	Bromoform	50.000	52.321	-4.6	132	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	133	0.00
73 T	Isopropylbenzene	50.000	50.772	-1.5	138	0.00
74 T	N-amyl acetate	50.000	50.472	-0.9	133	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	49.090	1.8	136	0.00
76 T	1,2,3-Trichloropropane	50.000	50.797	-1.6	137	0.00
77 T	Bromobenzene	50.000	49.591	0.8	137	0.00
78 T	n-propylbenzene	50.000	53.069	-6.1	141	0.00
79 T	2-Chlorotoluene	50.000	50.039	-0.1	137	0.00
80 T	1,3,5-Trimethylbenzene	50.000	51.756	-3.5	140	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	40.770	18.5	120	0.00
82 T	4-Chlorotoluene	50.000	51.157	-2.3	140	0.00
83 T	tert-Butylbenzene	50.000	50.082	-0.2	137	0.00
84 T	1,2,4-Trimethylbenzene	50.000	53.125	-6.3	140	0.00
85 T	sec-Butylbenzene	50.000	52.589	-5.2	141	0.00
86 T	p-Isopropyltoluene	50.000	53.782	-7.6	142	0.00
87 T	1,3-Dichlorobenzene	50.000	50.430	-0.9	140	0.00
88 T	1,4-Dichlorobenzene	50.000	48.739	2.5	140	0.00
89 T	n-Butylbenzene	50.000	57.907	-15.8	150	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	48.751	2.5	136	0.00
91 T	1,2-Dichlorobenzene	50.000	49.623	0.8	138	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	51.636	-3.3	133	0.00
93 T	1,2,4-Trichlorobenzene	50.000	52.472	-4.9	140	0.00
94 T	Hexachlorobutadiene	50.000	56.310	-12.6	158	0.00
95 T	Naphthalene	50.000	48.861	2.3	132	0.00
96 T	1,2,3-Trichlorobenzene	50.000	50.964	-1.9	138	0.00

(#) = Out of Range

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