

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112918\
 Data File : VU028380.D
 Acq On : 29 Nov 2018 09:20
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 LabSampleId :
 VSTDCCC050

Quant Time: Nov 30 07:12:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U112818W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 29 01:04:49 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	115	0.00
2 T	Dichlorodifluoromethane	50.000	50.735	-1.5	111	0.00
3 P	Chloromethane	50.000	46.265	7.5	107	0.00
4 C	Vinyl Chloride	50.000	48.522	3.0#	109	0.00
5 T	Bromomethane	50.000	54.067	-8.1	130	0.00
6 T	Chloroethane	50.000	48.147	3.7	109	0.00
7 T	Trichlorofluoromethane	50.000	49.593	0.8	111	0.00
8 T	Diethyl Ether	50.000	47.062	5.9	111	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	50.491	-1.0	113	0.00
10 T	Methyl Iodide	50.000	54.287	-8.6	119	0.00
11 T	Tert butyl alcohol	250.000	246.136	1.5	116	0.00
12 CM	1,1-Dichloroethene	50.000	49.485	1.0#	111	0.00
13 T	Acrolein	250.000	227.994	8.8	107	0.00
14 T	Allyl chloride	50.000	47.609	4.8	110	0.00
15 T	Acrylonitrile	250.000	247.759	0.9	109	0.00
16 T	Acetone	250.000	250.765	-0.3	117	0.00
17 T	Carbon Disulfide	50.000	46.373	7.3	107	0.00
18 T	Methyl Acetate	50.000	49.032	1.9	112	0.00
19 T	Methyl tert-butyl Ether	50.000	49.357	1.3	110	0.00
20 T	Methylene Chloride	50.000	48.900	2.2	111	0.00
21 T	trans-1,2-Dichloroethene	50.000	49.658	0.7	110	0.00
22 T	Diisopropyl ether	50.000	49.990	0.0	110	0.00
23 T	Vinyl Acetate	250.000	250.767	-0.3	109	0.00
24 P	1,1-Dichloroethane	50.000	50.406	-0.8	110	0.00
25 T	2-Butanone	250.000	250.611	-0.2	112	0.00
26 T	2,2-Dichloropropane	50.000	50.670	-1.3	113	0.00
27 T	cis-1,2-Dichloroethene	50.000	48.772	2.5	111	0.00
28 T	Bromochloromethane	50.000	50.319	-0.6	110	0.00
29 T	Tetrahydrofuran	250.000	245.338	1.9	107	0.00
30 C	Chloroform	50.000	48.268	3.5#	110	0.00
31 T	Cyclohexane	50.000	48.509	3.0	110	0.00
32 T	1,1,1-Trichloroethane	50.000	49.489	1.0	110	0.00
33 S	1,2-Dichloroethane-d4	50.000	48.189	3.6	106	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	109	0.00
35 S	Dibromofluoromethane	50.000	49.171	1.7	108	0.00
36 T	1,1-Dichloropropene	50.000	49.784	0.4	112	0.00
37 T	Ethyl Acetate	50.000	51.121	-2.2	109	0.00
38 T	Carbon Tetrachloride	50.000	50.913	-1.8	112	0.00
39 T	Methylcyclohexane	50.000	52.834	-5.7	112	0.00
40 TM	Benzene	50.000	51.402	-2.8	108	0.00
41 T	Methacrylonitrile	50.000	51.690	-3.4	107	0.00
42 TM	1,2-Dichloroethane	50.000	50.294	-0.6	107	0.00
43 T	Isopropyl Acetate	50.000	51.515	-3.0	109	0.00
44 TM	Trichloroethene	50.000	51.136	-2.3	109	0.00
45 C	1,2-Dichloropropane	50.000	50.892	-1.8#	108	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	51.054	-2.1	109	0.00
47 T	Bromodichloromethane	50.000	50.226	-0.5	109	0.00
48 T	Methyl methacrylate	50.000	50.864	-1.7	110	0.00
49 T	1,4-Dioxane	1000.000	1127.988	-12.8	124	0.00
50 S	Toluene-d8	50.000	48.735	2.5	105	0.00
51 T	4-Methyl-2-Pentanone	250.000	252.576	-1.0	107	0.00
52 CM	Toluene	50.000	51.640	-3.3#	108	0.00
53 T	t-1,3-Dichloropropene	50.000	51.063	-2.1	110	0.00
54 T	cis-1,3-Dichloropropene	50.000	50.711	-1.4	110	0.00
55 T	1,1,2-Trichloroethane	50.000	49.482	1.0	107	0.00
56 T	Ethyl methacrylate	50.000	52.640	-5.3	109	0.00
57 T	1,3-Dichloropropane	50.000	50.962	-1.9	110	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	257.249	-2.9	106	0.00
59 T	2-Hexanone	250.000	263.902	-5.6	111	0.00
60 T	Dibromochloromethane	50.000	51.298	-2.6	111	0.00
61 T	1,2-Dibromoethane	50.000	51.858	-3.7	109	0.00
62 S	4-Bromofluorobenzene	50.000	50.627	-1.3	107	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	111	0.00
64 T	Tetrachloroethene	50.000	50.324	-0.6	111	0.00
65 PM	Chlorobenzene	50.000	52.050	-4.1	112	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	51.110	-2.2	111	0.00
67 C	Ethyl Benzene	50.000	51.805	-3.6#	111	0.00
68 T	m/p-Xylenes	100.000	104.008	-4.0	110	0.00
69 T	o-Xylene	50.000	51.127	-2.3	110	0.00
70 T	Styrene	50.000	53.116	-6.2	112	0.00
71 P	Bromoform	50.000	51.381	-2.8	110	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	113	0.00
73 T	Isopropylbenzene	50.000	50.951	-1.9	112	0.00
74 T	N-amyl acetate	50.000	50.242	-0.5	111	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	49.473	1.1	111	0.00
76 T	1,2,3-Trichloropropane	50.000	50.296	-0.6	111	0.00
77 T	Bromobenzene	50.000	49.676	0.6	111	0.00
78 T	n-propylbenzene	50.000	51.289	-2.6	112	0.00
79 T	2-Chlorotoluene	50.000	51.380	-2.8	112	0.00
80 T	1,3,5-Trimethylbenzene	50.000	51.330	-2.7	113	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	49.409	1.2	113	0.00
82 T	4-Chlorotoluene	50.000	50.732	-1.5	112	0.00
83 T	tert-Butylbenzene	50.000	52.677	-5.4	114	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.698	-3.4	112	0.00
85 T	sec-Butylbenzene	50.000	51.426	-2.9	114	0.00
86 T	p-Isopropyltoluene	50.000	52.905	-5.8	115	0.00
87 T	1,3-Dichlorobenzene	50.000	50.239	-0.5	113	0.00
88 T	1,4-Dichlorobenzene	50.000	50.297	-0.6	111	0.00
89 T	n-Butylbenzene	50.000	53.969	-7.9	115	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	52.724	-5.4	116	0.00
91 T	1,2-Dichlorobenzene	50.000	51.369	-2.7	114	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	49.482	1.0	111	0.00
93 T	1,2,4-Trichlorobenzene	50.000	52.178	-4.4	115	0.00
94 T	Hexachlorobutadiene	50.000	53.613	-7.2	118	0.00
95 T	Naphthalene	50.000	47.572	4.9	112	0.00
96 T	1,2,3-Trichlorobenzene	50.000	52.932	-5.9	114	0.00

(#) = Out of Range

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