

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU111318\
 Data File : VU028108.D
 Acq On : 13 Nov 2018 21:43
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 LabSampleId :
 VSTDCCC050

Quant Time: Nov 14 08:13:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U110218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 02 02:28:20 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	121	0.00
2 T	Dichlorodifluoromethane	50.000	39.403	21.2#	83	0.00
3 P	Chloromethane	50.000	48.872	2.3	110	0.00
4 C	Vinyl Chloride	50.000	51.272	-2.5#	115	0.00
5 T	Bromomethane	50.000	60.300	-20.6#	151	0.00
6 T	Chloroethane	50.000	54.231	-8.5	123	0.00
7 T	Trichlorofluoromethane	50.000	51.149	-2.3	114	0.00
8 T	Diethyl Ether	50.000	57.255	-14.5	131	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	52.930	-5.9	118	0.00
10 T	Methyl Iodide	50.000	65.300	-30.6#	176	0.00
11 T	Tert butyl alcohol	250.000	260.287	-4.1	120	0.00
12 CM	1,1-Dichloroethene	50.000	51.360	-2.7#	118	0.00
13 T	Acrolein	250.000	283.781	-13.5	139	0.00
14 T	Allyl chloride	50.000	45.279	9.4	107	0.00
15 T	Acrylonitrile	250.000	255.864	-2.3	113	0.00
16 T	Acetone	250.000	231.158	7.5	111	0.00
17 T	Carbon Disulfide	50.000	45.682	8.6	103	0.00
18 T	Methyl Acetate	50.000	51.028	-2.1	120	0.00
19 T	Methyl tert-butyl Ether	50.000	51.881	-3.8	118	0.00
20 T	Methylene Chloride	50.000	50.651	-1.3	115	0.00
21 T	trans-1,2-Dichloroethene	50.000	48.419	3.2	111	0.00
22 T	Diisopropyl ether	50.000	49.160	1.7	111	0.00
23 T	Vinyl Acetate	250.000	245.699	1.7	108	0.00
24 P	1,1-Dichloroethane	50.000	49.215	1.6	113	0.00
25 T	2-Butanone	250.000	242.291	3.1	107	0.00
26 T	2,2-Dichloropropane	50.000	48.650	2.7	115	0.00
27 T	cis-1,2-Dichloroethene	50.000	52.227	-4.5	114	0.00
28 T	Bromochloromethane	50.000	51.614	-3.2	124	0.00
29 T	Tetrahydrofuran	250.000	232.679	6.9	105	0.00
30 C	Chloroform	50.000	49.354	1.3#	114	0.00
31 T	Cyclohexane	50.000	46.885	6.2	110	0.00
32 T	1,1,1-Trichloroethane	50.000	50.769	-1.5	113	0.00
33 S	1,2-Dichloroethane-d4	50.000	52.401	-4.8	127	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	121	0.00
35 S	Dibromofluoromethane	50.000	54.427	-8.9	132	0.00
36 T	1,1-Dichloropropene	50.000	49.098	1.8	113	0.00
37 T	Ethyl Acetate	50.000	47.790	4.4	109	0.00
38 T	Carbon Tetrachloride	50.000	48.969	2.1	110	0.00
39 T	Methylcyclohexane	50.000	48.940	2.1	112	0.00
40 TM	Benzene	50.000	50.624	-1.2	113	0.00
41 T	Methacrylonitrile	50.000	50.585	-1.2	107	0.00
42 TM	1,2-Dichloroethane	50.000	50.225	-0.5	113	0.00
43 T	Isopropyl Acetate	50.000	49.383	1.2	110	0.00
44 TM	Trichloroethene	50.000	51.732	-3.5	117	0.00
45 C	1,2-Dichloropropane	50.000	50.411	-0.8#	112	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	52.777	-5.6	118	0.00
47 T	Bromodichloromethane	50.000	52.203	-4.4	114	0.00
48 T	Methyl methacrylate	50.000	51.259	-2.5	111	0.00
49 T	1,4-Dioxane	1000.000	1217.676	-21.8#	132	0.00
50 S	Toluene-d8	50.000	55.011	-10.0	132	0.00
51 T	4-Methyl-2-Pentanone	250.000	245.733	1.7	109	0.00
52 CM	Toluene	50.000	50.848	-1.7#	114	0.00
53 T	t-1,3-Dichloropropene	50.000	48.910	2.2	114	0.00
54 T	cis-1,3-Dichloropropene	50.000	53.193	-6.4	113	0.00
55 T	1,1,2-Trichloroethane	50.000	52.933	-5.9	121	0.00
56 T	Ethyl methacrylate	50.000	52.709	-5.4	114	0.00
57 T	1,3-Dichloropropane	50.000	51.005	-2.0	114	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	264.441	-5.8	124	0.00
59 T	2-Hexanone	250.000	247.991	0.8	108	0.00
60 T	Dibromochloromethane	50.000	53.903	-7.8	116	0.00
61 T	1,2-Dibromoethane	50.000	51.962	-3.9	113	0.00
62 S	4-Bromofluorobenzene	50.000	55.716	-11.4	135	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	118	0.00
64 T	Tetrachloroethene	50.000	51.516	-3.0	121	0.00
65 PM	Chlorobenzene	50.000	51.250	-2.5	116	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	53.276	-6.6	118	0.00
67 C	Ethyl Benzene	50.000	52.366	-4.7#	117	0.00
68 T	m/p-Xylenes	100.000	104.791	-4.8	117	0.00
69 T	o-Xylene	50.000	52.391	-4.8	119	0.00
70 T	Styrene	50.000	53.199	-6.4	116	0.00
71 P	Bromoform	50.000	53.308	-6.6	116	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	117	0.00
73 T	Isopropylbenzene	50.000	52.025	-4.0	118	0.00
74 T	N-amyl acetate	50.000	51.063	-2.1	110	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	51.222	-2.4	116	0.00
76 T	1,2,3-Trichloropropane	50.000	52.302	-4.6	122	0.00
77 T	Bromobenzene	50.000	53.333	-6.7	117	0.00
78 T	n-propylbenzene	50.000	52.284	-4.6	116	0.00
79 T	2-Chlorotoluene	50.000	50.931	-1.9	117	0.00
80 T	1,3,5-Trimethylbenzene	50.000	52.238	-4.5	115	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	41.019	18.0	84	0.00
82 T	4-Chlorotoluene	50.000	51.080	-2.2	116	0.00
83 T	tert-Butylbenzene	50.000	50.850	-1.7	116	0.00
84 T	1,2,4-Trimethylbenzene	50.000	53.102	-6.2	117	0.00
85 T	sec-Butylbenzene	50.000	52.471	-4.9	115	0.00
86 T	p-Isopropyltoluene	50.000	52.636	-5.3	116	0.00
87 T	1,3-Dichlorobenzene	50.000	52.115	-4.2	117	0.00
88 T	1,4-Dichlorobenzene	50.000	50.915	-1.8	116	0.00
89 T	n-Butylbenzene	50.000	52.871	-5.7	112	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	51.235	-2.5	113	0.00
91 T	1,2-Dichlorobenzene	50.000	52.475	-5.0	116	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	53.358	-6.7	115	0.00
93 T	1,2,4-Trichlorobenzene	50.000	49.032	1.9	112	0.00
94 T	Hexachlorobutadiene	50.000	50.420	-0.8	112	0.00
95 T	Naphthalene	50.000	50.363	-0.7	111	0.00
96 T	1,2,3-Trichlorobenzene	50.000	52.477	-5.0	109	0.00

(#) = Out of Range

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