

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU092818\
 Data File : VU027284.D
 Acq On : 28 Sep 2018 20:31
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 29 01:08:14 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	119	0.00
2 T	Dichlorodifluoromethane	50.000	47.384	5.2	115	0.00
3 P	Chloromethane	50.000	38.887	22.2#	99	0.00
4 C	Vinyl Chloride	50.000	45.098	9.8#	110	0.00
5 T	Bromomethane	50.000	51.822	-3.6	137	0.00
6 T	Chloroethane	50.000	43.543	12.9	107	0.00
7 T	Trichlorofluoromethane	50.000	43.526	12.9	106	0.00
8 T	Diethyl Ether	50.000	46.190	7.6	111	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	41.959	16.1	105	0.00
10 T	Methyl Iodide	50.000	16.145	67.7#	38	0.00
11 T	Tert butyl alcohol	250.000	226.909	9.2	111	0.00
12 CM	1,1-Dichloroethene	50.000	43.838	12.3#	108	0.00
13 T	Acrolein	250.000	222.993	10.8	101	0.00
14 T	Allyl chloride	50.000	49.923	0.2	119	0.00
15 T	Acrylonitrile	250.000	238.732	4.5	112	0.00
16 T	Acetone	250.000	224.276	10.3	104	0.00
17 T	Carbon Disulfide	50.000	46.146	7.7	114	0.00
18 T	Methyl Acetate	50.000	51.826	-3.7	123	0.00
19 T	Methyl tert-butyl Ether	50.000	51.120	-2.2	120	0.00
20 T	Methylene Chloride	50.000	45.128	9.7	115	0.00
21 T	trans-1,2-Dichloroethene	50.000	48.407	3.2	114	0.00
22 T	Diisopropyl ether	50.000	50.514	-1.0	114	0.00
23 T	Vinyl Acetate	250.000	253.893	-1.6	115	0.00
24 P	1,1-Dichloroethane	50.000	47.320	5.4	113	0.00
25 T	2-Butanone	250.000	231.344	7.5	111	0.00
26 T	2,2-Dichloropropane	50.000	45.790	8.4	111	0.00
27 T	cis-1,2-Dichloroethene	50.000	50.325	-0.7	119	0.00
28 T	Bromochloromethane	50.000	45.860	8.3	106	0.00
29 T	Tetrahydrofuran	250.000	250.079	-0.0	114	0.00
30 C	Chloroform	50.000	45.809	8.4#	111	0.00
31 T	Cyclohexane	50.000	48.563	2.9	115	0.00
32 T	1,1,1-Trichloroethane	50.000	47.950	4.1	114	0.00
33 S	1,2-Dichloroethane-d4	50.000	42.477	15.0	101	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	119	0.00
35 S	Dibromofluoromethane	50.000	45.821	8.4	108	0.00
36 T	1,1-Dichloropropene	50.000	48.724	2.6	115	0.00
37 T	Ethyl Acetate	50.000	46.925	6.2	111	0.00
38 T	Carbon Tetrachloride	50.000	47.551	4.9	112	0.00
39 T	Methylcyclohexane	50.000	53.955	-7.9	119	0.00
40 TM	Benzene	50.000	48.458	3.1	114	0.00
41 T	Methacrylonitrile	50.000	53.468	-6.9	119	0.00
42 TM	1,2-Dichloroethane	50.000	46.894	6.2	109	0.00
43 T	Isopropyl Acetate	50.000	51.734	-3.5	118	0.00
44 TM	Trichloroethene	50.000	51.204	-2.4	120	0.00
45 C	1,2-Dichloropropane	50.000	48.214	3.6#	113	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	47.937	4.1	113	0.00
47 T	Bromodichloromethane	50.000	47.766	4.5	114	0.00
48 T	Methyl methacrylate	50.000	48.518	3.0	117	0.00
49 T	1,4-Dioxane	1000.000	818.781	18.1	97	0.00
50 S	Toluene-d8	50.000	44.007	12.0	101	0.00
51 T	4-Methyl-2-Pentanone	250.000	256.427	-2.6	114	0.00
52 CM	Toluene	50.000	52.298	-4.6#	115	0.00
53 T	t-1,3-Dichloropropene	50.000	52.542	-5.1	117	0.00
54 T	cis-1,3-Dichloropropene	50.000	51.353	-2.7	115	0.00
55 T	1,1,2-Trichloroethane	50.000	48.751	2.5	112	0.00
56 T	Ethyl methacrylate	50.000	48.965	2.1	122	0.00
57 T	1,3-Dichloropropane	50.000	49.936	0.1	114	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	220.042	12.0	105	0.00
59 T	2-Hexanone	250.000	248.305	0.7	112	0.00
60 T	Dibromochloromethane	50.000	50.159	-0.3	115	0.00
61 T	1,2-Dibromoethane	50.000	49.731	0.5	114	0.00
62 S	4-Bromofluorobenzene	50.000	48.531	2.9	111	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	113	0.00
64 T	Tetrachloroethene	50.000	51.252	-2.5	120	0.00
65 PM	Chlorobenzene	50.000	49.266	1.5	116	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	50.259	-0.5	114	0.00
67 C	Ethyl Benzene	50.000	54.541	-9.1#	117	0.00
68 T	m/p-Xylenes	100.000	101.384	-1.4	116	0.00
69 T	o-Xylene	50.000	55.625	-11.3	118	0.00
70 T	Styrene	50.000	49.089	1.8	116	0.00
71 P	Bromoform	50.000	52.700	-5.4	119	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	112	0.00
73 T	Isopropylbenzene	50.000	55.412	-10.8	116	0.00
74 T	N-amyl acetate	50.000	52.942	-5.9	116	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	45.053	9.9	109	0.00
76 T	1,2,3-Trichloropropane	50.000	47.551	4.9	109	0.00
77 T	Bromobenzene	50.000	51.997	-4.0	115	0.00
78 T	n-propylbenzene	50.000	56.141	-12.3	114	0.00
79 T	2-Chlorotoluene	50.000	52.137	-4.3	113	0.00
80 T	1,3,5-Trimethylbenzene	50.000	55.086	-10.2	113	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	42.360	15.3	99	0.00
82 T	4-Chlorotoluene	50.000	53.315	-6.6	113	0.00
83 T	tert-Butylbenzene	50.000	54.532	-9.1	116	0.00
84 T	1,2,4-Trimethylbenzene	50.000	55.991	-12.0	114	0.00
85 T	sec-Butylbenzene	50.000	56.307	-12.6	116	0.00
86 T	p-Isopropyltoluene	50.000	51.037	-2.1	114	0.00
87 T	1,3-Dichlorobenzene	50.000	51.398	-2.8	116	0.00
88 T	1,4-Dichlorobenzene	50.000	48.311	3.4	115	0.00
89 T	n-Butylbenzene	50.000	48.591	2.8	113	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	45.786	8.4	108	0.00
91 T	1,2-Dichlorobenzene	50.000	48.863	2.3	115	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	49.142	1.7	112	0.00
93 T	1,2,4-Trichlorobenzene	50.000	57.611	-15.2	122	0.00
94 T	Hexachlorobutadiene	50.000	51.888	-3.8	116	0.00
95 T	Naphthalene	50.000	50.094	-0.2	114	0.00
96 T	1,2,3-Trichlorobenzene	50.000	54.790	-9.6	115	0.00

(#) = Out of Range

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