

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU120318\
 Data File : VU028428.D
 Acq On : 03 Dec 2018 09:50
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 04 07:04:41 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	141	0.00
2 T	Dichlorodifluoromethane	50.000	46.015	8.0	124	0.00
3 P	Chloromethane	50.000	42.471	15.1	121	0.00
4 C	Vinyl Chloride	50.000	46.240	7.5#	128	0.00
5 T	Bromomethane	50.000	46.170	7.7	137	0.01
6 T	Chloroethane	50.000	45.520	9.0	127	0.00
7 T	Trichlorofluoromethane	50.000	47.799	4.4	132	0.00
8 T	Diethyl Ether	50.000	47.102	5.8	136	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	49.645	0.7	137	0.00
10 T	Methyl Iodide	50.000	36.183	27.6#	98	0.00
11 T	Tert butyl alcohol	250.000	232.556	7.0	135	0.00
12 CM	1,1-Dichloroethene	50.000	49.893	0.2#	138	0.00
13 T	Acrolein	250.000	214.841	14.1	124	0.00
14 T	Allyl chloride	50.000	42.962	14.1	122	0.00
15 T	Acrylonitrile	250.000	230.891	7.6	125	0.00
16 T	Acetone	250.000	283.820	-13.5	163	0.00
17 T	Carbon Disulfide	50.000	44.066	11.9	125	0.00
18 T	Methyl Acetate	50.000	45.358	9.3	127	0.00
19 T	Methyl tert-butyl Ether	50.000	47.163	5.7	130	0.00
20 T	Methylene Chloride	50.000	46.483	7.0	130	0.00
21 T	trans-1,2-Dichloroethene	50.000	48.366	3.3	132	0.00
22 T	Diisopropyl ether	50.000	45.670	8.7	124	0.00
23 T	Vinyl Acetate	250.000	227.534	9.0	122	0.00
24 P	1,1-Dichloroethane	50.000	46.843	6.3	126	0.00
25 T	2-Butanone	250.000	251.436	-0.6	139	0.00
26 T	2,2-Dichloropropane	50.000	47.397	5.2	130	0.00
27 T	cis-1,2-Dichloroethene	50.000	46.933	6.1	132	0.00
28 T	Bromochloromethane	50.000	44.679	10.6	120	0.00
29 T	Tetrahydrofuran	250.000	227.480	9.0	123	0.00
30 C	Chloroform	50.000	45.763	8.5#	128	0.00
31 T	Cyclohexane	50.000	44.613	10.8	124	0.00
32 T	1,1,1-Trichloroethane	50.000	46.757	6.5	128	0.00
33 S	1,2-Dichloroethane-d4	50.000	43.921	12.2	119	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	132	0.00
35 S	Dibromofluoromethane	50.000	47.752	4.5	127	0.00
36 T	1,1-Dichloropropene	50.000	48.619	2.8	132	0.00
37 T	Ethyl Acetate	50.000	48.318	3.4	124	0.00
38 T	Carbon Tetrachloride	50.000	49.501	1.0	132	0.00
39 T	Methylcyclohexane	50.000	51.332	-2.7	132	0.00
40 TM	Benzene	50.000	49.564	0.9	127	0.00
41 T	Methacrylonitrile	50.000	48.379	3.2	121	0.00
42 TM	1,2-Dichloroethane	50.000	47.590	4.8	123	0.00
43 T	Isopropyl Acetate	50.000	48.227	3.5	123	0.00
44 TM	Trichloroethene	50.000	51.388	-2.8	133	0.00
45 C	1,2-Dichloropropane	50.000	48.303	3.4#	124	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	50.079	-0.2	129	0.00
47 T	Bromodichloromethane	50.000	48.534	2.9	128	0.00
48 T	Methyl methacrylate	50.000	47.120	5.8	124	0.00
49 T	1,4-Dioxane	1000.000	1032.252	-3.2	137	0.00
50 S	Toluene-d8	50.000	48.092	3.8	125	0.00
51 T	4-Methyl-2-Pentanone	250.000	237.366	5.1	121	0.00
52 CM	Toluene	50.000	51.563	-3.1#	131	0.00
53 T	t-1,3-Dichloropropene	50.000	49.841	0.3	130	0.00
54 T	cis-1,3-Dichloropropene	50.000	49.645	0.7	131	0.00
55 T	1,1,2-Trichloroethane	50.000	48.374	3.3	127	0.00
56 T	Ethyl methacrylate	50.000	49.967	0.1	125	0.00
57 T	1,3-Dichloropropane	50.000	48.517	3.0	127	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	238.894	4.4	119	0.00
59 T	2-Hexanone	250.000	252.732	-1.1	129	0.00
60 T	Dibromochloromethane	50.000	50.178	-0.4	131	0.00
61 T	1,2-Dibromoethane	50.000	51.744	-3.5	131	0.00
62 S	4-Bromofluorobenzene	50.000	50.587	-1.2	129	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	134	0.00
64 T	Tetrachloroethene	50.000	49.585	0.8	133	0.00
65 PM	Chlorobenzene	50.000	50.910	-1.8	133	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	49.637	0.7	131	0.00
67 C	Ethyl Benzene	50.000	51.135	-2.3#	133	0.00
68 T	m/p-Xylenes	100.000	103.626	-3.6	133	0.00
69 T	o-Xylene	50.000	50.960	-1.9	133	0.00
70 T	Styrene	50.000	52.264	-4.5	133	0.00
71 P	Bromoform	50.000	50.896	-1.8	132	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	141	0.00
73 T	Isopropylbenzene	50.000	47.730	4.5	131	0.00
74 T	N-amyl acetate	50.000	43.541	12.9	120	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	45.792	8.4	129	0.00
76 T	1,2,3-Trichloropropane	50.000	46.634	6.7	129	0.00
77 T	Bromobenzene	50.000	47.643	4.7	133	0.00
78 T	n-propylbenzene	50.000	49.156	1.7	134	0.00
79 T	2-Chlorotoluene	50.000	47.373	5.3	130	0.00
80 T	1,3,5-Trimethylbenzene	50.000	48.034	3.9	132	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	45.812	8.4	131	0.00
82 T	4-Chlorotoluene	50.000	48.601	2.8	135	0.00
83 T	tert-Butylbenzene	50.000	49.173	1.7	132	0.00
84 T	1,2,4-Trimethylbenzene	50.000	48.637	2.7	131	0.00
85 T	sec-Butylbenzene	50.000	49.115	1.8	136	0.00
86 T	p-Isopropyltoluene	50.000	50.776	-1.6	138	0.00
87 T	1,3-Dichlorobenzene	50.000	49.299	1.4	139	0.00
88 T	1,4-Dichlorobenzene	50.000	50.001	-0.0	138	0.00
89 T	n-Butylbenzene	50.000	53.529	-7.1	142	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	49.389	1.2	135	0.00
91 T	1,2-Dichlorobenzene	50.000	49.107	1.8	136	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	46.681	6.6	131	0.00
93 T	1,2,4-Trichlorobenzene	50.000	55.758	-11.5	153	0.00
94 T	Hexachlorobutadiene	50.000	51.675	-3.3	142	0.00
95 T	Naphthalene	50.000	48.371	3.3	143	0.00
96 T	1,2,3-Trichlorobenzene	50.000	54.052	-8.1	145	0.00

(#) = Out of Range

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