

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU121318\
 Data File : VU028637.D
 Acq On : 12 Dec 2018 09:01
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 13 00:55:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U120618W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 07 00:39:42 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	111	0.00
2 T	Dichlorodifluoromethane	50.000	44.648	10.7	99	0.00
3 P	Chloromethane	50.000	40.547	18.9	94	0.00
4 C	Vinyl Chloride	50.000	45.107	9.8#	101	0.00
5 T	Bromomethane	50.000	46.757	6.5	113	-0.01
6 T	Chloroethane	50.000	46.399	7.2	102	0.00
7 T	Trichlorofluoromethane	50.000	45.625	8.8	105	0.00
8 T	Diethyl Ether	50.000	45.101	9.8	104	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	47.231	5.5	108	0.00
10 T	Methyl Iodide	50.000	62.006	-24.0#	135	0.00
11 T	Tert butyl alcohol	250.000	215.286	13.9	96	0.00
12 CM	1,1-Dichloroethene	50.000	46.059	7.9#	105	0.00
13 T	Acrolein	250.000	237.030	5.2	105	0.00
14 T	Allyl chloride	50.000	42.489	15.0	100	0.00
15 T	Acrylonitrile	250.000	231.638	7.3	102	0.00
16 T	Acetone	250.000	248.784	0.5	118	0.00
17 T	Carbon Disulfide	50.000	43.254	13.5	100	0.00
18 T	Methyl Acetate	50.000	47.309	5.4	104	0.00
19 T	Methyl tert-butyl Ether	50.000	45.963	8.1	103	0.00
20 T	Methylene Chloride	50.000	42.786	14.4	104	0.00
21 T	trans-1,2-Dichloroethene	50.000	45.426	9.1	103	0.00
22 T	Diisopropyl ether	50.000	44.730	10.5	99	0.00
23 T	Vinyl Acetate	250.000	225.211	9.9	99	0.00
24 P	1,1-Dichloroethane	50.000	43.704	12.6	100	0.00
25 T	2-Butanone	250.000	235.536	5.8	104	0.00
26 T	2,2-Dichloropropane	50.000	44.955	10.1	104	0.00
27 T	cis-1,2-Dichloroethene	50.000	46.713	6.6	106	0.00
28 T	Bromochloromethane	50.000	47.487	5.0	106	0.00
29 T	Tetrahydrofuran	250.000	223.785	10.5	98	0.00
30 C	Chloroform	50.000	45.634	8.7#	103	0.00
31 T	Cyclohexane	50.000	44.507	11.0	101	0.00
32 T	1,1,1-Trichloroethane	50.000	45.484	9.0	102	0.00
33 S	1,2-Dichloroethane-d4	50.000	46.428	7.1	108	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	108	0.00
35 S	Dibromofluoromethane	50.000	51.756	-3.5	114	0.00
36 T	1,1-Dichloropropene	50.000	45.264	9.5	99	0.00
37 T	Ethyl Acetate	50.000	46.691	6.6	98	0.00
38 T	Carbon Tetrachloride	50.000	48.021	4.0	106	0.00
39 T	Methylcyclohexane	50.000	47.144	5.7	105	0.00
40 TM	Benzene	50.000	47.481	5.0	103	0.00
41 T	Methacrylonitrile	50.000	48.623	2.8	103	0.00
42 TM	1,2-Dichloroethane	50.000	45.170	9.7	98	0.00
43 T	Isopropyl Acetate	50.000	47.691	4.6	101	0.00
44 TM	Trichloroethene	50.000	48.784	2.4	108	0.00
45 C	1,2-Dichloropropane	50.000	47.636	4.7#	100	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	47.393	5.2	102	0.00
47 T	Bromodichloromethane	50.000	47.901	4.2	104	0.00
48 T	Methyl methacrylate	50.000	47.580	4.8	99	0.00
49 T	1,4-Dioxane	1000.000	915.818	8.4	98	0.00
50 S	Toluene-d8	50.000	51.555	-3.1	114	0.00
51 T	4-Methyl-2-Pentanone	250.000	235.267	5.9	100	0.00
52 CM	Toluene	50.000	47.919	4.2#	102	0.00
53 T	t-1,3-Dichloropropene	50.000	48.073	3.9	103	0.00
54 T	cis-1,3-Dichloropropene	50.000	47.735	4.5	102	0.00
55 T	1,1,2-Trichloroethane	50.000	49.391	1.2	104	0.00
56 T	Ethyl methacrylate	50.000	49.916	0.2	104	0.00
57 T	1,3-Dichloropropane	50.000	46.997	6.0	102	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	252.749	-1.1	108	0.00
59 T	2-Hexanone	250.000	240.875	3.6	104	0.00
60 T	Dibromochloromethane	50.000	48.762	2.5	107	0.00
61 T	1,2-Dibromoethane	50.000	49.687	0.6	105	0.00
62 S	4-Bromofluorobenzene	50.000	50.972	-1.9	114	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	106	0.00
64 T	Tetrachloroethene	50.000	48.135	3.7	105	0.00
65 PM	Chlorobenzene	50.000	48.716	2.6	105	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	51.383	-2.8	106	0.00
67 C	Ethyl Benzene	50.000	48.866	2.3#	104	0.00
68 T	m/p-Xylenes	100.000	99.757	0.2	104	0.00
69 T	o-Xylene	50.000	50.254	-0.5	105	0.00
70 T	Styrene	50.000	49.961	0.1	105	0.00
71 P	Bromoform	50.000	52.768	-5.5	109	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	106	0.00
73 T	Isopropylbenzene	50.000	48.970	2.1	106	0.00
74 T	N-amyl acetate	50.000	47.592	4.8	102	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	49.689	0.6	105	0.00
76 T	1,2,3-Trichloropropane	50.000	46.008	8.0	96	0.00
77 T	Bromobenzene	50.000	50.080	-0.2	107	0.00
78 T	n-propylbenzene	50.000	48.159	3.7	103	0.00
79 T	2-Chlorotoluene	50.000	48.088	3.8	103	0.00
80 T	1,3,5-Trimethylbenzene	50.000	49.719	0.6	105	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	55.688	-11.4	129	0.00
82 T	4-Chlorotoluene	50.000	47.147	5.7	103	0.00
83 T	tert-Butylbenzene	50.000	49.561	0.9	106	0.00
84 T	1,2,4-Trimethylbenzene	50.000	49.026	1.9	104	0.00
85 T	sec-Butylbenzene	50.000	49.335	1.3	105	0.00
86 T	p-Isopropyltoluene	50.000	49.125	1.8	105	0.00
87 T	1,3-Dichlorobenzene	50.000	48.360	3.3	106	0.00
88 T	1,4-Dichlorobenzene	50.000	47.267	5.5	106	0.00
89 T	n-Butylbenzene	50.000	47.672	4.7	102	0.00

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90 T	Hexachloroethane	50.000	50.031	-0.1	107	0.00
91 T	1,2-Dichlorobenzene	50.000	48.254	3.5	106	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	50.228	-0.5	104	0.00
93 T	1,2,4-Trichlorobenzene	50.000	49.768	0.5	108	0.00
94 T	Hexachlorobutadiene	50.000	47.664	4.7	106	0.00
95 T	Naphthalene	50.000	47.509	5.0	104	0.00
96 T	1,2,3-Trichlorobenzene	50.000	49.355	1.3	105	0.00

(#) = Out of Range

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