

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU110618\
 Data File : VU027970.D
 Acq On : 06 Nov 2018 08:21
 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 06 10:18:45 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	129	0.00
2 T	Dichlorodifluoromethane	50.000	39.723	20.6#	89	0.00
3 P	Chloromethane	50.000	44.617	10.8	106	0.00
4 C	Vinyl Chloride	50.000	43.613	12.8#	104	0.00
5 T	Bromomethane	50.000	50.116	-0.2	128	0.00
6 T	Chloroethane	50.000	45.463	9.1	109	0.00
7 T	Trichlorofluoromethane	50.000	44.920	10.2	106	0.00
8 T	Diethyl Ether	50.000	47.872	4.3	117	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	46.446	7.1	110	0.00
10 T	Methyl Iodide	50.000	46.402	7.2	125	0.00
11 T	Tert butyl alcohol	250.000	210.777	15.7	103	0.00
12 CM	1,1-Dichloroethene	50.000	43.561	12.9#	106	0.00
13 T	Acrolein	250.000	306.145	-22.5#	159	0.00
14 T	Allyl chloride	50.000	43.185	13.6	108	0.00
15 T	Acrylonitrile	250.000	232.738	6.9	109	0.00
16 T	Acetone	250.000	245.103	2.0	124	0.00
17 T	Carbon Disulfide	50.000	42.440	15.1	102	0.00
18 T	Methyl Acetate	50.000	44.351	11.3	111	0.00
19 T	Methyl tert-butyl Ether	50.000	46.785	6.4	113	0.00
20 T	Methylene Chloride	50.000	45.523	9.0	110	0.00
21 T	trans-1,2-Dichloroethene	50.000	44.285	11.4	108	0.00
22 T	Diisopropyl ether	50.000	45.345	9.3	109	0.00
23 T	Vinyl Acetate	250.000	232.521	7.0	108	0.00
24 P	1,1-Dichloroethane	50.000	44.899	10.2	109	0.00
25 T	2-Butanone	250.000	236.231	5.5	111	0.00
26 T	2,2-Dichloropropane	50.000	47.875	4.3	120	0.00
27 T	cis-1,2-Dichloroethene	50.000	46.855	6.3	109	0.00
28 T	Bromochloromethane	50.000	46.382	7.2	118	0.00
29 T	Tetrahydrofuran	250.000	217.681	12.9	105	0.00
30 C	Chloroform	50.000	44.633	10.7#	110	0.00
31 T	Cyclohexane	50.000	44.025	12.0	109	0.00
32 T	1,1,1-Trichloroethane	50.000	46.840	6.3	111	0.00
33 S	1,2-Dichloroethane-d4	50.000	43.041	13.9	111	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	126	0.00
35 S	Dibromofluoromethane	50.000	46.449	7.1	118	0.00
36 T	1,1-Dichloropropene	50.000	46.318	7.4	112	0.00
37 T	Ethyl Acetate	50.000	45.656	8.7	108	0.00
38 T	Carbon Tetrachloride	50.000	46.921	6.2	111	0.00
39 T	Methylcyclohexane	50.000	47.844	4.3	114	0.00
40 TM	Benzene	50.000	46.831	6.3	109	0.00
41 T	Methacrylonitrile	50.000	49.119	1.8	109	0.00
42 TM	1,2-Dichloroethane	50.000	45.659	8.7	108	0.00
43 T	Isopropyl Acetate	50.000	46.596	6.8	109	0.00
44 TM	Trichloroethene	50.000	48.485	3.0	114	0.00
45 C	1,2-Dichloropropane	50.000	47.564	4.9#	111	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	48.146	3.7	113	0.00
47 T	Bromodichloromethane	50.000	48.238	3.5	111	0.00
48 T	Methyl methacrylate	50.000	48.181	3.6	109	0.00
49 T	1,4-Dioxane	1000.000	924.239	7.6	105	0.00
50 S	Toluene-d8	50.000	45.768	8.5	115	0.00
51 T	4-Methyl-2-Pentanone	250.000	231.029	7.6	107	0.00
52 CM	Toluene	50.000	48.465	3.1#	114	0.00
53 T	t-1,3-Dichloropropene	50.000	47.486	5.0	115	0.00
54 T	cis-1,3-Dichloropropene	50.000	51.244	-2.5	114	0.00
55 T	1,1,2-Trichloroethane	50.000	47.675	4.7	114	0.00
56 T	Ethyl methacrylate	50.000	49.287	1.4	111	0.00
57 T	1,3-Dichloropropane	50.000	47.721	4.6	111	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	247.358	1.1	121	0.00
59 T	2-Hexanone	250.000	239.626	4.1	110	0.00
60 T	Dibromochloromethane	50.000	51.325	-2.7	115	0.00
61 T	1,2-Dibromoethane	50.000	48.716	2.6	111	0.00
62 S	4-Bromofluorobenzene	50.000	47.232	5.5	119	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	123	0.00
64 T	Tetrachloroethene	50.000	46.473	7.1	113	0.00
65 PM	Chlorobenzene	50.000	48.572	2.9	115	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	50.217	-0.4	116	0.00
67 C	Ethyl Benzene	50.000	49.367	1.3#	115	0.00
68 T	m/p-Xylenes	100.000	98.838	1.2	115	0.00
69 T	o-Xylene	50.000	48.693	2.6	115	0.00
70 T	Styrene	50.000	50.716	-1.4	115	0.00
71 P	Bromoform	50.000	51.853	-3.7	118	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	126	0.00
73 T	Isopropylbenzene	50.000	47.473	5.1	116	0.00
74 T	N-amyl acetate	50.000	47.448	5.1	110	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	45.416	9.2	111	0.00
76 T	1,2,3-Trichloropropane	50.000	54.274	-8.5	136	0.00
77 T	Bromobenzene	50.000	48.306	3.4	114	0.00
78 T	n-propylbenzene	50.000	49.232	1.5	117	0.00
79 T	2-Chlorotoluene	50.000	46.938	6.1	115	0.00
80 T	1,3,5-Trimethylbenzene	50.000	48.186	3.6	114	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	54.098	-8.2	119	0.00
82 T	4-Chlorotoluene	50.000	48.461	3.1	118	0.00
83 T	tert-Butylbenzene	50.000	47.207	5.6	116	0.00
84 T	1,2,4-Trimethylbenzene	50.000	48.696	2.6	115	0.00
85 T	sec-Butylbenzene	50.000	49.928	0.1	118	0.00
86 T	p-Isopropyltoluene	50.000	50.277	-0.6	119	0.00
87 T	1,3-Dichlorobenzene	50.000	49.070	1.9	118	0.00
88 T	1,4-Dichlorobenzene	50.000	48.567	2.9	119	0.00
89 T	n-Butylbenzene	50.000	53.474	-6.9	122	0.00

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90 T	Hexachloroethane	50.000	49.052	1.9	117	0.00
91 T	1,2-Dichlorobenzene	50.000	49.046	1.9	117	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	49.172	1.7	114	0.00
93 T	1,2,4-Trichlorobenzene	50.000	50.358	-0.7	124	0.00
94 T	Hexachlorobutadiene	50.000	52.418	-4.8	125	0.00
95 T	Naphthalene	50.000	48.471	3.1	115	0.00
96 T	1,2,3-Trichlorobenzene	50.000	52.896	-5.8	118	0.00

(#) = Out of Range

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