

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU062718\
 Data File : VU024955.D
 Acq On : 27 Jun 2018 10:11
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 LabSampleId :
 VSTDCCC050

Quant Time: Jun 27 13:37:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 13 13:55:26 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	109	0.00
2 T	Dichlorodifluoromethane	50.000	41.520	17.0	93	0.00
3 P	Chloromethane	50.000	40.919	18.2	97	0.00
4 C	Vinyl Chloride	50.000	44.065	11.9#	99	0.00
5 T	Bromomethane	50.000	47.906	4.2	103	0.00
6 T	Chloroethane	50.000	50.002	-0.0	106	0.00
7 T	Trichlorofluoromethane	50.000	47.778	4.4	109	0.00
8 T	Diethyl Ether	50.000	52.414	-4.8	108	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	48.210	3.6	109	0.00
10 T	Methyl Iodide	50.000	55.344	-10.7	125	0.00
11 T	Tert butyl alcohol	250.000	201.802	19.3	94	0.00
12 CM	1,1-Dichloroethene	50.000	47.373	5.3#	104	0.00
13 T	Acrolein	250.000	193.521	22.6#	88	0.00
14 T	Allyl chloride	50.000	49.134	1.7	112	0.00
15 T	Acrylonitrile	250.000	218.648	12.5	94	0.00
16 T	Acetone	250.000	300.482	-20.2#	139	0.00
17 T	Carbon Disulfide	50.000	42.259	15.5	94	0.00
18 T	Methyl Acetate	50.000	50.032	-0.1	111	0.00
19 T	Methyl tert-butyl Ether	50.000	48.582	2.8	108	0.00
20 T	Methylene Chloride	50.000	45.661	8.7	106	0.00
21 T	trans-1,2-Dichloroethene	50.000	47.090	5.8	106	0.00
22 T	Diisopropyl ether	50.000	47.028	5.9	105	0.00
23 T	Vinyl Acetate	250.000	224.276	10.3	98	0.00
24 P	1,1-Dichloroethane	50.000	47.725	4.5	105	0.00
25 T	2-Butanone	250.000	251.455	-0.6	108	0.00
26 T	2,2-Dichloropropane	50.000	48.617	2.8	109	0.00
27 T	cis-1,2-Dichloroethene	50.000	48.038	3.9	107	0.00
28 T	Bromochloromethane	50.000	43.195	13.6	89	0.00
29 T	Tetrahydrofuran	250.000	211.740	15.3	94	0.00
30 C	Chloroform	50.000	48.611	2.8#	108	0.00
31 T	Cyclohexane	50.000	49.983	0.0	106	0.00
32 T	1,1,1-Trichloroethane	50.000	49.104	1.8	111	0.00
33 S	1,2-Dichloroethane-d4	50.000	42.280	15.4	91	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	99	0.00
35 S	Dibromofluoromethane	50.000	47.982	4.0	94	0.00
36 T	1,1-Dichloropropene	50.000	52.063	-4.1	107	0.00
37 T	Ethyl Acetate	50.000	50.100	-0.2	94	0.00
38 T	Carbon Tetrachloride	50.000	53.820	-7.6	109	0.00
39 T	Methylcyclohexane	50.000	53.780	-7.6	111	0.00
40 TM	Benzene	50.000	51.938	-3.9	104	0.00
41 T	Methacrylonitrile	50.000	51.639	-3.3	97	0.00
42 TM	1,2-Dichloroethane	50.000	54.835	-9.7	111	0.00
43 T	Isopropyl Acetate	50.000	46.846	6.3	95	0.00
44 TM	Trichloroethene	50.000	52.384	-4.8	108	0.00
45 C	1,2-Dichloropropane	50.000	52.091	-4.2#	104	0.00

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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)
46 T	Dibromomethane	50.000	52.285	-4.6	103	0.00
47 T	Bromodichloromethane	50.000	51.528	-3.1	104	0.00
48 T	Methyl methacrylate	50.000	50.054	-0.1	100	0.00
49 T	1,4-Dioxane	1000.000	1147.726	-14.8	123	0.01
50 S	Toluene-d8	50.000	44.798	10.4	88	0.00
51 T	4-Methyl-2-Pentanone	250.000	232.827	6.9	94	0.00
52 CM	Toluene	50.000	52.600	-5.2#	107	0.00
53 T	t-1,3-Dichloropropene	50.000	51.270	-2.5	101	0.00
54 T	cis-1,3-Dichloropropene	50.000	50.242	-0.5	101	0.00
55 T	1,1,2-Trichloroethane	50.000	52.043	-4.1	109	0.00
56 T	Ethyl methacrylate	50.000	49.507	1.0	101	0.00
57 T	1,3-Dichloropropane	50.000	52.080	-4.2	106	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	32.807	86.9#	13	0.00
59 T	2-Hexanone	250.000	249.296	0.3	102	0.00
60 T	Dibromochloromethane	50.000	48.539	2.9	101	0.00
61 T	1,2-Dibromoethane	50.000	51.772	-3.5	106	0.00
62 S	4-Bromofluorobenzene	50.000	45.617	8.8	91	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	98	0.00
64 T	Tetrachloroethene	50.000	52.391	-4.8	102	0.00
65 PM	Chlorobenzene	50.000	54.026	-8.1	107	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	53.558	-7.1	108	0.00
67 C	Ethyl Benzene	50.000	53.934	-7.9#	108	0.00
68 T	m/p-Xylenes	100.000	108.756	-8.8	108	0.00
69 T	o-Xylene	50.000	53.503	-7.0	108	0.00
70 T	Styrene	50.000	52.788	-5.6	105	0.00
71 P	Bromoform	50.000	49.268	1.5	100	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	101	0.00
73 T	Isopropylbenzene	50.000	53.051	-6.1	110	0.00
74 T	N-amyl acetate	50.000	45.724	8.6	94	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	48.995	2.0	104	0.00
76 T	1,2,3-Trichloropropane	50.000	49.395	1.2	101	0.00
77 T	Bromobenzene	50.000	53.602	-7.2	110	0.00
78 T	n-propylbenzene	50.000	51.719	-3.4	106	0.00
79 T	2-Chlorotoluene	50.000	51.510	-3.0	107	0.00
80 T	1,3,5-Trimethylbenzene	50.000	53.096	-6.2	111	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	46.207	7.6	96	0.00
82 T	4-Chlorotoluene	50.000	51.793	-3.6	106	0.00
83 T	tert-Butylbenzene	50.000	54.173	-8.3	113	0.00
84 T	1,2,4-Trimethylbenzene	50.000	52.771	-5.5	109	0.00
85 T	sec-Butylbenzene	50.000	52.772	-5.5	109	0.00
86 T	p-Isopropyltoluene	50.000	53.334	-6.7	111	0.00
87 T	1,3-Dichlorobenzene	50.000	53.058	-6.1	110	0.00
88 T	1,4-Dichlorobenzene	50.000	53.095	-6.2	110	0.00
89 T	n-Butylbenzene	50.000	51.322	-2.6	103	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	47.893	4.2	102	0.00
91 T	1,2-Dichlorobenzene	50.000	53.467	-6.9	111	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	46.964	6.1	93	0.00
93 T	1,2,4-Trichlorobenzene	50.000	60.223	-20.4#	111	0.00
94 T	Hexachlorobutadiene	50.000	56.650	-13.3	116	0.00
95 T	Naphthalene	50.000	56.680	-13.4	112	0.00
96 T	1,2,3-Trichlorobenzene	50.000	62.246	-24.5#	113	0.00

(#) = Out of Range

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