

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD121318\
 Data File : VD060552.D
 Acq On : 13 Dec 2018 10:42
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 14 01:21:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D120518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 06 01:49:20 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	107	-0.03
2 T	Dichlorodifluoromethane	50.000	47.837	4.3	100	0.01
3 P	Chloromethane	50.000	46.070	7.9	109	0.00
4 C	Vinyl Chloride	50.000	49.591	0.8#	111	0.00
5 T	Bromomethane	50.000	48.657	2.7	90	0.00
6 T	Chloroethane	50.000	45.947	8.1	98	0.00
7 T	Trichlorofluoromethane	50.000	48.805	2.4	101	0.00
8 T	Diethyl Ether	50.000	50.162	-0.3	102	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	49.509	1.0	108	0.00
10 T	Methyl Iodide	50.000	49.179	1.6	101	0.00
11 T	Tert butyl alcohol	250.000	262.385	-5.0	100	-0.02
12 CM	1,1-Dichloroethene	50.000	49.738	0.5#	108	0.00
13 T	Acrolein	250.000	270.180	-8.1	118	0.00
14 T	Allyl chloride	50.000	51.598	-3.2	108	0.00
15 T	Acrylonitrile	250.000	259.620	-3.8	105	0.00
16 T	Acetone	250.000	271.680	-8.7	111	0.00
17 T	Carbon Disulfide	50.000	49.057	1.9	106	0.00
18 T	Methyl Acetate	50.000	50.523	-1.0	110	-0.02
19 T	Methyl tert-butyl Ether	50.000	51.527	-3.1	104	-0.02
20 T	Methylene Chloride	50.000	49.242	1.5	100	0.00
21 T	trans-1,2-Dichloroethene	50.000	50.890	-1.8	105	-0.02
22 T	Diisopropyl ether	50.000	51.546	-3.1	106	-0.02
23 T	Vinyl Acetate	250.000	264.101	-5.6	105	-0.02
24 P	1,1-Dichloroethane	50.000	51.249	-2.5	105	-0.02
25 T	2-Butanone	250.000	274.465	-9.8	108	-0.02
26 T	2,2-Dichloropropane	50.000	52.344	-4.7	111	-0.02
27 T	cis-1,2-Dichloroethene	50.000	51.942	-3.9	107	-0.02
28 T	Bromochloromethane	50.000	50.160	-0.3	106	-0.02
29	Tetrahydrofuran	250.000	263.760	-5.5	106	-0.02
30 C	Chloroform	50.000	51.029	-2.1#	105	-0.02
31 T	Cyclohexane	50.000	53.783	-7.6	106	-0.02
32 T	1,1,1-Trichloroethane	50.000	51.614	-3.2	105	-0.02
33 S	1,2-Dichloroethane-d4	50.000	49.908	0.2	103	-0.02
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	105	-0.03
35 S	Dibromofluoromethane	50.000	50.181	-0.4	102	-0.02
36 T	1,1-Dichloropropene	50.000	50.590	-1.2	104	-0.02
37 T	Ethyl Acetate	50.000	55.335	-10.7	106	0.00
38 T	Carbon Tetrachloride	50.000	50.964	-1.9	104	-0.02
39 T	Methylcyclohexane	50.000	50.796	-1.6	104	-0.02
40 TM	Benzene	50.000	51.990	-4.0	106	-0.02
41 T	Methacrylonitrile	50.000	48.723	2.6	106	0.00
42 TM	1,2-Dichloroethane	50.000	51.734	-3.5	105	-0.02
43 T	Isopropyl Acetate	50.000	53.451	-6.9	104	-0.02
44 TM	Trichloroethene	50.000	52.514	-5.0	104	-0.02
45 C	1,2-Dichloropropane	50.000	52.333	-4.7#	105	-0.03

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 Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	52.070	-4.1	102	-0.02
47 T	Bromodichloromethane	50.000	52.099	-4.2	103	-0.02
48 T	Methyl methacrylate	50.000	53.365	-6.7	101	-0.02
49 T	1,4-Dioxane	1000.000	1091.121	-9.1	100	-0.02
50 S	Toluene-d8	50.000	50.513	-1.0	101	-0.02
51 T	4-Methyl-2-Pentanone	250.000	268.230	-7.3	103	-0.02
52 CM	Toluene	50.000	51.187	-2.4#	104	-0.02
53 T	t-1,3-Dichloropropene	50.000	54.339	-8.7	107	-0.02
54 T	cis-1,3-Dichloropropene	50.000	53.923	-7.8	106	-0.02
55 T	1,1,2-Trichloroethane	50.000	51.041	-2.1	105	-0.03
56 T	Ethyl methacrylate	50.000	54.809	-9.6	102	-0.02
57 T	1,3-Dichloropropane	50.000	52.822	-5.6	106	-0.02
58 T	2-Chloroethyl Vinyl ether	250.000	267.711	-7.1	109	-0.02
59 T	2-Hexanone	250.000	293.259	-17.3	110	-0.02
60 T	Dibromochloromethane	50.000	54.000	-8.0	103	-0.02
61 T	1,2-Dibromoethane	50.000	52.635	-5.3	102	-0.02
62 S	4-Bromofluorobenzene	50.000	49.982	0.0	102	-0.02
63 I	Chlorobenzene-d5	50.000	50.000	0.0	112	-0.02
64 T	Tetrachloroethene	50.000	48.698	2.6	104	-0.02
65 PM	Chlorobenzene	50.000	49.072	1.9	106	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	49.693	0.6	106	-0.02
67 C	Ethyl Benzene	50.000	48.668	2.7#	107	-0.02
68 T	m/p-Xylenes	100.000	97.711	2.3	105	-0.02
69 T	o-Xylene	50.000	49.492	1.0	105	-0.02
70 T	Styrene	50.000	49.601	0.8	104	-0.02
71 P	Bromoform	50.000	51.783	-3.6	103	-0.02
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	106	-0.02
73 T	Isopropylbenzene	50.000	50.001	-0.0	104	0.00
74 T	N-amyl acetate	50.000	52.984	-6.0	100	-0.02
75 P	1,1,2,2-Tetrachloroethane	50.000	51.547	-3.1	107	0.00
76 T	1,2,3-Trichloropropane	50.000	51.864	-3.7	104	-0.02
77 T	Bromobenzene	50.000	50.628	-1.3	104	0.00
78 T	n-propylbenzene	50.000	49.137	1.7	104	-0.02
79 T	2-Chlorotoluene	50.000	50.218	-0.4	105	-0.02
80 T	1,3,5-Trimethylbenzene	50.000	50.550	-1.1	107	-0.02
81 T	trans-1,4-Dichloro-2-butene	50.000	54.579	-9.2	104	-0.02
82 T	4-Chlorotoluene	50.000	49.809	0.4	107	-0.02
83 T	tert-Butylbenzene	50.000	51.827	-3.7	105	-0.02
84 T	1,2,4-Trimethylbenzene	50.000	50.434	-0.9	105	0.00
85 T	sec-Butylbenzene	50.000	50.602	-1.2	109	0.00
86 T	p-Isopropyltoluene	50.000	49.189	1.6	104	-0.02
87 T	1,3-Dichlorobenzene	50.000	49.005	2.0	101	-0.02
88 T	1,4-Dichlorobenzene	50.000	49.668	0.7	104	-0.02
89 T	n-Butylbenzene	50.000	54.214	-8.4	110	-0.02

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90 T	Hexachloroethane	50.000	52.945	-5.9	108	-0.02
91 T	1,2-Dichlorobenzene	50.000	49.136	1.7	104	-0.02
92 T	1,2-Dibromo-3-Chloropropane	50.000	54.065	-8.1	109	0.00
93 T	1,2,4-Trichlorobenzene	50.000	51.372	-2.7	105	-0.02
94 T	Hexachlorobutadiene	50.000	50.293	-0.6	104	-0.02
95 T	Naphthalene	50.000	52.119	-4.2	100	-0.02
96 T	1,2,3-Trichlorobenzene	50.000	51.828	-3.7	107	-0.02

(#) = Out of Range

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