

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111418\
 Data File : VD060370.D
 Acq On : 14 Nov 2018 10:20
 Operator : JC/SY
 Sample : VSTDCCC050
 Misc : 5.00g/5ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Nov 14 14:33:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 06 13:56:04 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	106	-0.03
2 T	Dichlorodifluoromethane	50.000	51.566	-3.1	105	0.00
3 P	Chloromethane	50.000	42.143	15.7	98	0.00
4 C	Vinyl Chloride	50.000	46.058	7.9#	102	0.00
5 T	Bromomethane	50.000	51.910	-3.8	96	-0.01
6 T	Chloroethane	50.000	45.819	8.4	92	-0.01
7 T	Trichlorofluoromethane	50.000	51.019	-2.0	108	-0.01
8 T	Diethyl Ether	50.000	49.095	1.8	102	-0.01
9 T	1,1,2-Trichlorotrifluoroeth	50.000	48.942	2.1	102	-0.01
10 T	Methyl Iodide	50.000	45.682	8.6	96	-0.01
11 T	Tert butyl alcohol	250.000	269.859	-7.9	102	-0.03
12 CM	1,1-Dichloroethene	50.000	48.252	3.5#	100	-0.02
13 T	Acrolein	250.000	214.658	14.1	93	-0.01
14 T	Allyl chloride	50.000	48.277	3.4	100	-0.02
15 T	Acrylonitrile	250.000	255.311	-2.1	105	-0.02
16 T	Acetone	250.000	263.046	-5.2	114	-0.02
17 T	Carbon Disulfide	50.000	44.437	11.1	95	-0.01
18 T	Methyl Acetate	50.000	46.172	7.7	105	-0.01
19 T	Methyl tert-butyl Ether	50.000	50.082	-0.2	102	-0.03
20 T	Methylene Chloride	50.000	52.038	-4.1	117	-0.02
21 T	trans-1,2-Dichloroethene	50.000	50.371	-0.7	105	-0.02
22 T	Diisopropyl ether	50.000	51.017	-2.0	105	-0.03
23 T	Vinyl Acetate	250.000	252.722	-1.1	103	-0.03
24 P	1,1-Dichloroethane	50.000	51.697	-3.4	107	-0.03
25 T	2-Butanone	250.000	263.696	-5.5	108	-0.03
26 T	2,2-Dichloropropane	50.000	54.273	-8.5	113	-0.03
27 T	cis-1,2-Dichloroethene	50.000	51.784	-3.6	108	-0.03
28 T	Bromochloromethane	50.000	53.521	-7.0	114	-0.03
29	Tetrahydrofuran	250.000	249.147	0.3	104	-0.03
30 C	Chloroform	50.000	52.763	-5.5#	108	-0.03
31 T	Cyclohexane	50.000	47.302	5.4	103	-0.04
32 T	1,1,1-Trichloroethane	50.000	50.867	-1.7	104	-0.03
33 S	1,2-Dichloroethane-d4	50.000	52.590	-5.2	108	-0.03
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	107	-0.03
35 S	Dibromofluoromethane	50.000	52.266	-4.5	105	-0.03
36 T	1,1-Dichloropropene	50.000	51.110	-2.2	109	-0.04
37 T	Ethyl Acetate	50.000	52.113	-4.2	107	-0.02
38 T	Carbon Tetrachloride	50.000	50.507	-1.0	107	-0.03
39 T	Methylcyclohexane	50.000	51.090	-2.2	108	-0.03
40 TM	Benzene	50.000	53.352	-6.7	111	-0.03
41 T	Methacrylonitrile	50.000	50.220	-0.4	105	-0.03
42 TM	1,2-Dichloroethane	50.000	52.839	-5.7	109	-0.03
43 T	Isopropyl Acetate	50.000	51.211	-2.4	104	-0.03
44 TM	Trichloroethene	50.000	53.296	-6.6	110	-0.03
45 C	1,2-Dichloropropane	50.000	52.448	-4.9#	108	-0.03

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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	52.961	-5.9	109	-0.03
47 T	Bromodichloromethane	50.000	52.984	-6.0	107	-0.03
48 T	Methyl methacrylate	50.000	51.361	-2.7	105	-0.03
49 T	1,4-Dioxane	1000.000	1093.009	-9.3	111	-0.03
50 S	Toluene-d8	50.000	51.372	-2.7	104	-0.03
51 T	4-Methyl-2-Pentanone	250.000	259.647	-3.9	109	-0.03
52 CM	Toluene	50.000	51.109	-2.2#	107	-0.03
53 T	t-1,3-Dichloropropene	50.000	54.065	-8.1	108	-0.03
54 T	cis-1,3-Dichloropropene	50.000	53.693	-7.4	110	-0.03
55 T	1,1,2-Trichloroethane	50.000	50.429	-0.9	110	-0.03
56 T	Ethyl methacrylate	50.000	54.267	-8.5	106	-0.03
57 T	1,3-Dichloropropane	50.000	53.641	-7.3	111	-0.03
58 T	2-Chloroethyl Vinyl ether	250.000	256.739	-2.7	106	-0.03
59 T	2-Hexanone	250.000	277.956	-11.2	112	-0.03
60 T	Dibromochloromethane	50.000	54.924	-9.8	108	-0.02
61 T	1,2-Dibromoethane	50.000	52.587	-5.2	106	-0.02
62 S	4-Bromofluorobenzene	50.000	51.773	-3.5	108	-0.02
63 I	Chlorobenzene-d5	50.000	50.000	0.0	108	-0.03
64 T	Tetrachloroethene	50.000	52.972	-5.9	112	-0.03
65 PM	Chlorobenzene	50.000	51.383	-2.8	109	-0.03
66 T	1,1,1,2-Tetrachloroethane	50.000	54.204	-8.4	115	-0.02
67 C	Ethyl Benzene	50.000	49.886	0.2#	110	-0.02
68 T	m/p-Xylenes	100.000	101.567	-1.6	107	-0.02
69 T	o-Xylene	50.000	51.779	-3.6	108	-0.02
70 T	Styrene	50.000	51.293	-2.6	110	-0.02
71 P	Bromoform	50.000	54.365	-8.7	109	-0.02
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	110	-0.02
73 T	Isopropylbenzene	50.000	48.718	2.6	111	-0.02
74 T	N-amyl acetate	50.000	47.791	4.4	101	-0.02
75 P	1,1,2,2-Tetrachloroethane	50.000	49.334	1.3	107	-0.01
76 T	1,2,3-Trichloropropane	50.000	50.425	-0.8	109	-0.02
77 T	Bromobenzene	50.000	50.736	-1.5	112	-0.02
78 T	n-propylbenzene	50.000	49.336	1.3	108	-0.02
79 T	2-Chlorotoluene	50.000	49.832	0.3	112	-0.02
80 T	1,3,5-Trimethylbenzene	50.000	47.648	4.7	106	-0.02
81 T	trans-1,4-Dichloro-2-butene	50.000	52.326	-4.7	110	-0.02
82 T	4-Chlorotoluene	50.000	48.440	3.1	110	-0.02
83 T	tert-Butylbenzene	50.000	51.453	-2.9	112	-0.02
84 T	1,2,4-Trimethylbenzene	50.000	49.044	1.9	106	-0.01
85 T	sec-Butylbenzene	50.000	49.641	0.7	109	-0.01
86 T	p-Isopropyltoluene	50.000	48.036	3.9	104	-0.02
87 T	1,3-Dichlorobenzene	50.000	50.812	-1.6	109	-0.02
88 T	1,4-Dichlorobenzene	50.000	50.708	-1.4	110	-0.02
89 T	n-Butylbenzene	50.000	51.999	-4.0	109	-0.02

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90 T	Hexachloroethane	50.000	51.943	-3.9	112	-0.02
91 T	1,2-Dichlorobenzene	50.000	49.586	0.8	109	-0.02
92 T	1,2-Dibromo-3-Chloropropane	50.000	50.364	-0.7	104	-0.01
93 T	1,2,4-Trichlorobenzene	50.000	49.500	1.0	106	-0.02
94 T	Hexachlorobutadiene	50.000	48.235	3.5	103	-0.02
95 T	Naphthalene	50.000	49.430	1.1	105	-0.02
96 T	1,2,3-Trichlorobenzene	50.000	49.518	1.0	107	-0.02

(#) = Out of Range

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