

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD110718\
 Data File : VD060292.D
 Acq On : 7 Nov 2018 10:30
 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 08 10:29:49 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	110	-0.01
2 T	Dichlorodifluoromethane	50.000	53.823	-7.6	113	0.00
3 P	Chloromethane	50.000	44.873	10.3	108	0.00
4 C	Vinyl Chloride	50.000	47.324	5.4#	109	0.00
5 T	Bromomethane	50.000	53.452	-6.9	102	0.00
6 T	Chloroethane	50.000	49.330	1.3	103	0.00
7 T	Trichlorofluoromethane	50.000	48.785	2.4	107	0.00
8 T	Diethyl Ether	50.000	46.624	6.8	100	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	47.513	5.0	102	0.00
10 T	Methyl Iodide	50.000	45.161	9.7	98	0.00
11 T	Tert butyl alcohol	250.000	250.729	-0.3	98	-0.01
12 CM	1,1-Dichloroethene	50.000	46.572	6.9#	100	0.00
13 T	Acrolein	250.000	223.032	10.8	100	0.00
14 T	Allyl chloride	50.000	48.711	2.6	105	-0.01
15 T	Acrylonitrile	250.000	242.972	2.8	103	0.00
16 T	Acetone	250.000	265.116	-6.0	119	0.00
17 T	Carbon Disulfide	50.000	46.956	6.1	104	0.00
18 T	Methyl Acetate	50.000	47.152	5.7	111	0.00
19 T	Methyl tert-butyl Ether	50.000	50.273	-0.5	106	-0.01
20 T	Methylene Chloride	50.000	46.309	7.4	107	0.00
21 T	trans-1,2-Dichloroethene	50.000	50.852	-1.7	109	0.00
22 T	Diisopropyl ether	50.000	50.371	-0.7	107	0.00
23 T	Vinyl Acetate	250.000	249.617	0.2	106	-0.01
24 P	1,1-Dichloroethane	50.000	50.739	-1.5	109	0.00
25 T	2-Butanone	250.000	260.973	-4.4	111	-0.01
26 T	2,2-Dichloropropane	50.000	53.385	-6.8	115	0.00
27 T	cis-1,2-Dichloroethene	50.000	52.068	-4.1	112	-0.01
28 T	Bromochloromethane	50.000	49.789	0.4	110	-0.01
29	Tetrahydrofuran	250.000	239.574	4.2	103	0.00
30 C	Chloroform	50.000	51.144	-2.3#	109	-0.01
31 T	Cyclohexane	50.000	48.680	2.6	110	-0.01
32 T	1,1,1-Trichloroethane	50.000	51.883	-3.8	110	-0.01
33 S	1,2-Dichloroethane-d4	50.000	48.983	2.0	104	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	107	-0.01
35 S	Dibromofluoromethane	50.000	52.699	-5.4	105	0.00
36 T	1,1-Dichloropropene	50.000	51.993	-4.0	111	-0.01
37 T	Ethyl Acetate	50.000	51.941	-3.9	106	0.00
38 T	Carbon Tetrachloride	50.000	52.027	-4.1	110	-0.01
39 T	Methylcyclohexane	50.000	52.833	-5.7	111	0.00
40 TM	Benzene	50.000	51.529	-3.1	107	0.00
41 T	Methacrylonitrile	50.000	49.854	0.3	104	-0.01
42 TM	1,2-Dichloroethane	50.000	51.699	-3.4	106	0.00
43 T	Isopropyl Acetate	50.000	51.929	-3.9	105	-0.01
44 TM	Trichloroethene	50.000	53.856	-7.7	111	-0.01
45 C	1,2-Dichloropropane	50.000	52.984	-6.0#	108	-0.01

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

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	52.413	-4.8	107	0.00
47 T	Bromodichloromethane	50.000	52.855	-5.7	106	0.00
48 T	Methyl methacrylate	50.000	53.060	-6.1	109	0.00
49 T	1,4-Dioxane	1000.000	1090.920	-9.1	110	-0.01
50 S	Toluene-d8	50.000	52.922	-5.8	107	0.00
51 T	4-Methyl-2-Pentanone	250.000	255.057	-2.0	107	-0.01
52 CM	Toluene	50.000	52.105	-4.2#	109	-0.01
53 T	t-1,3-Dichloropropene	50.000	53.887	-7.8	108	0.00
54 T	cis-1,3-Dichloropropene	50.000	54.427	-8.9	111	0.00
55 T	1,1,2-Trichloroethane	50.000	50.511	-1.0	110	-0.01
56 T	Ethyl methacrylate	50.000	53.376	-6.8	104	-0.01
57 T	1,3-Dichloropropane	50.000	51.571	-3.1	106	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	261.879	-4.8	108	0.00
59 T	2-Hexanone	250.000	271.784	-8.7	109	0.00
60 T	Dibromochloromethane	50.000	55.342	-10.7	109	0.00
61 T	1,2-Dibromoethane	50.000	52.878	-5.8	106	0.00
62 S	4-Bromofluorobenzene	50.000	52.398	-4.8	109	-0.01
63 I	Chlorobenzene-d5	50.000	50.000	0.0	108	-0.01
64 T	Tetrachloroethene	50.000	53.803	-7.6	113	0.00
65 PM	Chlorobenzene	50.000	52.214	-4.4	110	-0.01
66 T	1,1,1,2-Tetrachloroethane	50.000	51.122	-2.2	108	0.00
67 C	Ethyl Benzene	50.000	49.257	1.5#	108	0.00
68 T	m/p-Xylenes	100.000	102.397	-2.4	108	0.00
69 T	o-Xylene	50.000	52.505	-5.0	109	-0.01
70 T	Styrene	50.000	52.982	-6.0	113	0.00
71 P	Bromoform	50.000	54.482	-9.0	109	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	109	-0.01
73 T	Isopropylbenzene	50.000	50.468	-0.9	114	0.00
74 T	N-amyl acetate	50.000	49.774	0.5	104	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	49.153	1.7	106	0.00
76 T	1,2,3-Trichloropropane	50.000	49.845	0.3	106	0.00
77 T	Bromobenzene	50.000	49.776	0.4	108	0.00
78 T	n-propylbenzene	50.000	49.213	1.6	107	0.00
79 T	2-Chlorotoluene	50.000	49.851	0.3	111	0.00
80 T	1,3,5-Trimethylbenzene	50.000	48.979	2.0	108	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	51.748	-3.5	107	0.00
82 T	4-Chlorotoluene	50.000	49.309	1.4	110	-0.01
83 T	tert-Butylbenzene	50.000	51.490	-3.0	110	-0.01
84 T	1,2,4-Trimethylbenzene	50.000	50.987	-2.0	109	0.00
85 T	sec-Butylbenzene	50.000	51.779	-3.6	112	0.00
86 T	p-Isopropyltoluene	50.000	51.822	-3.6	111	-0.01
87 T	1,3-Dichlorobenzene	50.000	50.964	-1.9	108	-0.01
88 T	1,4-Dichlorobenzene	50.000	51.308	-2.6	110	-0.01
89 T	n-Butylbenzene	50.000	53.052	-6.1	110	-0.01

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	54.531	-9.1	116	0.00
91 T	1,2-Dichlorobenzene	50.000	50.147	-0.3	109	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	51.958	-3.9	106	0.00
93 T	1,2,4-Trichlorobenzene	50.000	51.943	-3.9	110	-0.01
94 T	Hexachlorobutadiene	50.000	51.360	-2.7	109	0.00
95 T	Naphthalene	50.000	50.681	-1.4	107	0.00
96 T	1,2,3-Trichlorobenzene	50.000	52.444	-4.9	111	-0.01

(#) = Out of Range

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