

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD121118\
 Data File : VD060526.D
 Acq On : 11 Dec 2018 10:23
 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 12 03:16:56 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	102	-0.01
2 T	Dichlorodifluoromethane	50.000	50.292	-0.6	100	0.00
3 P	Chloromethane	50.000	45.567	8.9	103	0.00
4 C	Vinyl Chloride	50.000	49.868	0.3#	107	0.00
5 T	Bromomethane	50.000	48.415	3.2	86	0.00
6 T	Chloroethane	50.000	44.649	10.7	92	0.00
7 T	Trichlorofluoromethane	50.000	49.525	1.0	98	0.00
8 T	Diethyl Ether	50.000	48.380	3.2	94	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	48.489	3.0	101	0.00
10 T	Methyl Iodide	50.000	47.623	4.8	93	0.00
11 T	Tert butyl alcohol	250.000	272.438	-9.0	100	0.00
12 CM	1,1-Dichloroethene	50.000	47.385	5.2#	98	0.00
13 T	Acrolein	250.000	305.344	-22.1#	128	0.00
14 T	Allyl chloride	50.000	49.557	0.9	99	0.00
15 T	Acrylonitrile	250.000	258.166	-3.3	100	0.00
16 T	Acetone	250.000	294.822	-17.9	116	0.00
17 T	Carbon Disulfide	50.000	48.441	3.1	100	0.00
18 T	Methyl Acetate	50.000	46.293	7.4	96	-0.01
19 T	Methyl tert-butyl Ether	50.000	50.851	-1.7	98	0.00
20 T	Methylene Chloride	50.000	50.606	-1.2	98	0.00
21 T	trans-1,2-Dichloroethene	50.000	50.103	-0.2	99	-0.01
22 T	Diisopropyl ether	50.000	52.344	-4.7	103	0.00
23 T	Vinyl Acetate	250.000	262.227	-4.9	100	0.00
24 P	1,1-Dichloroethane	50.000	51.103	-2.2	101	0.00
25 T	2-Butanone	250.000	291.957	-16.8	110	-0.01
26 T	2,2-Dichloropropane	50.000	52.889	-5.8	107	0.00
27 T	cis-1,2-Dichloroethene	50.000	51.018	-2.0	101	0.00
28 T	Bromochloromethane	50.000	53.121	-6.2	108	-0.01
29	Tetrahydrofuran	250.000	256.308	-2.5	98	0.00
30 C	Chloroform	50.000	50.411	-0.8#	99	-0.01
31 T	Cyclohexane	50.000	55.556	-11.1	105	0.00
32 T	1,1,1-Trichloroethane	50.000	51.960	-3.9	101	-0.01
33 S	1,2-Dichloroethane-d4	50.000	47.582	4.8	94	-0.01
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	101	-0.01
35 S	Dibromofluoromethane	50.000	47.364	5.3	93	-0.01
36 T	1,1-Dichloropropene	50.000	51.455	-2.9	102	0.00
37 T	Ethyl Acetate	50.000	52.897	-5.8	97	0.00
38 T	Carbon Tetrachloride	50.000	52.521	-5.0	103	-0.01
39 T	Methylcyclohexane	50.000	53.302	-6.6	105	0.00
40 TM	Benzene	50.000	52.144	-4.3	102	-0.01
41 T	Methacrylonitrile	50.000	53.810	-7.6	112	0.00
42 TM	1,2-Dichloroethane	50.000	51.764	-3.5	101	-0.01
43 T	Isopropyl Acetate	50.000	54.750	-9.5	103	0.00
44 TM	Trichloroethene	50.000	52.609	-5.2	100	-0.01
45 C	1,2-Dichloropropane	50.000	52.398	-4.8#	101	-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	51.877	-3.8	97	-0.01
47 T	Bromodichloromethane	50.000	52.378	-4.8	100	-0.01
48 T	Methyl methacrylate	50.000	53.752	-7.5	97	-0.01
49 T	1,4-Dioxane	1000.000	1156.220	-15.6	102	0.00
50 S	Toluene-d8	50.000	48.326	3.3	93	-0.01
51 T	4-Methyl-2-Pentanone	250.000	277.252	-10.9	103	0.00
52 CM	Toluene	50.000	52.929	-5.9#	103	0.00
53 T	t-1,3-Dichloropropene	50.000	53.284	-6.6	101	-0.01
54 T	cis-1,3-Dichloropropene	50.000	53.984	-8.0	102	0.00
55 T	1,1,2-Trichloroethane	50.000	50.419	-0.8	99	-0.01
56 T	Ethyl methacrylate	50.000	54.773	-9.5	98	0.00
57 T	1,3-Dichloropropane	50.000	51.883	-3.8	100	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	261.248	-4.5	102	-0.01
59 T	2-Hexanone	250.000	298.501	-19.4	107	-0.01
60 T	Dibromochloromethane	50.000	54.299	-8.6	100	0.00
61 T	1,2-Dibromoethane	50.000	53.273	-6.5	99	0.00
62 S	4-Bromofluorobenzene	50.000	47.529	4.9	93	-0.01
63 I	Chlorobenzene-d5	50.000	50.000	0.0	105	0.00
64 T	Tetrachloroethene	50.000	50.304	-0.6	101	-0.01
65 PM	Chlorobenzene	50.000	49.805	0.4	102	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	50.670	-1.3	103	0.00
67 C	Ethyl Benzene	50.000	49.409	1.2#	102	0.00
68 T	m/p-Xylenes	100.000	101.223	-1.2	103	0.00
69 T	o-Xylene	50.000	49.689	0.6	99	-0.01
70 T	Styrene	50.000	50.583	-1.2	100	-0.01
71 P	Bromoform	50.000	51.738	-3.5	97	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	101	-0.01
73 T	Isopropylbenzene	50.000	51.404	-2.8	103	0.00
74 T	N-amyl acetate	50.000	53.060	-6.1	96	-0.01
75 P	1,1,2,2-Tetrachloroethane	50.000	50.797	-1.6	101	0.00
76 T	1,2,3-Trichloropropane	50.000	52.542	-5.1	101	0.00
77 T	Bromobenzene	50.000	51.191	-2.4	100	0.00
78 T	n-propylbenzene	50.000	51.395	-2.8	104	0.00
79 T	2-Chlorotoluene	50.000	51.016	-2.0	102	0.00
80 T	1,3,5-Trimethylbenzene	50.000	50.584	-1.2	102	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	56.232	-12.5	103	0.00
82 T	4-Chlorotoluene	50.000	49.603	0.8	101	-0.01
83 T	tert-Butylbenzene	50.000	51.886	-3.8	101	-0.01
84 T	1,2,4-Trimethylbenzene	50.000	49.505	1.0	99	0.00
85 T	sec-Butylbenzene	50.000	51.719	-3.4	106	0.00
86 T	p-Isopropyltoluene	50.000	50.179	-0.4	101	-0.01
87 T	1,3-Dichlorobenzene	50.000	50.541	-1.1	99	-0.01
88 T	1,4-Dichlorobenzene	50.000	49.757	0.5	99	-0.01
89 T	n-Butylbenzene	50.000	53.812	-7.6	105	-0.01

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90 T	Hexachloroethane	50.000	52.848	-5.7	103	0.00
91 T	1,2-Dichlorobenzene	50.000	48.913	2.2	99	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	53.508	-7.0	103	0.00
93 T	1,2,4-Trichlorobenzene	50.000	51.281	-2.6	100	-0.01
94 T	Hexachlorobutadiene	50.000	51.893	-3.8	102	0.00
95 T	Naphthalene	50.000	52.302	-4.6	96	0.00
96 T	1,2,3-Trichlorobenzene	50.000	51.917	-3.8	103	-0.01

(#) = Out of Range

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