

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD111618\
 Data File : VD060390.D
 Acq On : 16 Nov 2018 10:54
 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 16 13:31:56 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	109	0.00
2 T	Dichlorodifluoromethane	50.000	48.247	3.5	102	0.02
3 P	Chloromethane	50.000	43.995	12.0	105	0.02
4 C	Vinyl Chloride	50.000	47.670	4.7#	109	0.02
5 T	Bromomethane	50.000	54.725	-9.5	104	0.00
6 T	Chloroethane	50.000	51.045	-2.1	106	0.00
7 T	Trichlorofluoromethane	50.000	49.106	1.8	107	0.02
8 T	Diethyl Ether	50.000	48.418	3.2	104	0.02
9 T	1,1,2-Trichlorotrifluoroeth	50.000	49.926	0.1	107	0.02
10 T	Methyl Iodide	50.000	43.719	12.6	94	0.02
11 T	Tert butyl alcohol	250.000	248.876	0.4	97	0.02
12 CM	1,1-Dichloroethene	50.000	48.644	2.7#	104	0.02
13 T	Acrolein	250.000	180.269	27.9#	80	0.02
14 T	Allyl chloride	50.000	50.072	-0.1	107	0.02
15 T	Acrylonitrile	250.000	230.971	7.6	98	0.03
16 T	Acetone	250.000	231.645	7.3	103	0.02
17 T	Carbon Disulfide	50.000	45.646	8.7	101	0.02
18 T	Methyl Acetate	50.000	50.835	-1.7	119	0.03
19 T	Methyl tert-butyl Ether	50.000	47.644	4.7	100	0.00
20 T	Methylene Chloride	50.000	46.809	6.4	108	0.02
21 T	trans-1,2-Dichloroethene	50.000	49.275	1.5	105	0.02
22 T	Diisopropyl ether	50.000	49.823	0.4	105	0.02
23 T	Vinyl Acetate	250.000	239.810	4.1	101	0.02
24 P	1,1-Dichloroethane	50.000	50.519	-1.0	108	0.02
25 T	2-Butanone	250.000	230.312	7.9	97	0.00
26 T	2,2-Dichloropropane	50.000	53.066	-6.1	114	0.02
27 T	cis-1,2-Dichloroethene	50.000	50.659	-1.3	108	0.02
28 T	Bromochloromethane	50.000	46.074	7.9	101	0.00
29	Tetrahydrofuran	250.000	219.790	12.1	94	0.02
30 C	Chloroform	50.000	53.979	-8.0#	114	0.00
31 T	Cyclohexane	50.000	46.781	6.4	105	0.00
32 T	1,1,1-Trichloroethane	50.000	51.522	-3.0	109	0.02
33 S	1,2-Dichloroethane-d4	50.000	43.695	12.6	92	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	104	0.00
35 S	Dibromofluoromethane	50.000	49.446	1.1	96	0.02
36 T	1,1-Dichloropropene	50.000	53.434	-6.9	110	0.00
37 T	Ethyl Acetate	50.000	48.744	2.5	96	0.02
38 T	Carbon Tetrachloride	50.000	53.471	-6.9	109	0.02
39 T	Methylcyclohexane	50.000	51.564	-3.1	105	0.02
40 TM	Benzene	50.000	53.479	-7.0	107	0.02
41 T	Methacrylonitrile	50.000	47.569	4.9	96	-0.01
42 TM	1,2-Dichloroethane	50.000	51.554	-3.1	102	0.02
43 T	Isopropyl Acetate	50.000	48.456	3.1	95	0.00
44 TM	Trichloroethene	50.000	55.437	-10.9	110	0.00
45 C	1,2-Dichloropropane	50.000	53.139	-6.3#	105	0.00

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

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	50.607	-1.2	100	0.02
47 T	Bromodichloromethane	50.000	54.810	-9.6	106	0.02
48 T	Methyl methacrylate	50.000	50.116	-0.2	99	0.02
49 T	1,4-Dioxane	1000.000	1025.161	-2.5	100	0.00
50 S	Toluene-d8	50.000	48.514	3.0	95	0.00
51 T	4-Methyl-2-Pentanone	250.000	239.609	4.2	97	0.00
52 CM	Toluene	50.000	51.720	-3.4#	104	0.00
53 T	t-1,3-Dichloropropene	50.000	52.118	-4.2	101	0.00
54 T	cis-1,3-Dichloropropene	50.000	54.126	-8.3	107	0.02
55 T	1,1,2-Trichloroethane	50.000	48.807	2.4	103	0.00
56 T	Ethyl methacrylate	50.000	51.539	-3.1	97	0.00
57 T	1,3-Dichloropropane	50.000	50.560	-1.1	101	0.02
58 T	2-Chloroethyl Vinyl ether	250.000	234.511	6.2	94	0.02
59 T	2-Hexanone	250.000	251.511	-0.6	98	0.00
60 T	Dibromochloromethane	50.000	54.355	-8.7	103	0.00
61 T	1,2-Dibromoethane	50.000	52.304	-4.6	102	0.02
62 S	4-Bromofluorobenzene	50.000	48.954	2.1	98	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	103	0.00
64 T	Tetrachloroethene	50.000	54.347	-8.7	109	0.00
65 PM	Chlorobenzene	50.000	54.339	-8.7	109	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	55.059	-10.1	111	0.00
67 C	Ethyl Benzene	50.000	53.785	-7.6#	112	0.00
68 T	m/p-Xylenes	100.000	108.990	-9.0	110	0.00
69 T	o-Xylene	50.000	54.053	-8.1	108	0.00
70 T	Styrene	50.000	53.443	-6.9	109	0.00
71 P	Bromoform	50.000	54.828	-9.7	105	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	105	0.00
73 T	Isopropylbenzene	50.000	51.066	-2.1	111	0.00
74 T	N-amyl acetate	50.000	47.969	4.1	97	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	47.217	5.6	98	0.00
76 T	1,2,3-Trichloropropane	50.000	48.015	4.0	98	0.00
77 T	Bromobenzene	50.000	52.176	-4.4	109	0.00
78 T	n-propylbenzene	50.000	52.396	-4.8	109	0.00
79 T	2-Chlorotoluene	50.000	52.664	-5.3	113	0.00
80 T	1,3,5-Trimethylbenzene	50.000	51.695	-3.4	110	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	49.048	1.9	98	0.00
82 T	4-Chlorotoluene	50.000	51.325	-2.7	110	0.00
83 T	tert-Butylbenzene	50.000	53.144	-6.3	109	0.00
84 T	1,2,4-Trimethylbenzene	50.000	50.949	-1.9	105	0.00
85 T	sec-Butylbenzene	50.000	52.581	-5.2	109	0.00
86 T	p-Isopropyltoluene	50.000	53.131	-6.3	109	0.00
87 T	1,3-Dichlorobenzene	50.000	51.983	-4.0	106	0.00
88 T	1,4-Dichlorobenzene	50.000	51.482	-3.0	106	0.00
89 T	n-Butylbenzene	50.000	55.962	-11.9	110	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	56.370	-12.7	115	0.00
91 T	1,2-Dichlorobenzene	50.000	50.534	-1.1	105	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	49.783	0.4	98	0.00
93 T	1,2,4-Trichlorobenzene	50.000	52.135	-4.3	106	0.00
94 T	Hexachlorobutadiene	50.000	54.206	-8.4	110	0.00
95 T	Naphthalene	50.000	49.295	1.4	100	0.00
96 T	1,2,3-Trichlorobenzene	50.000	51.618	-3.2	105	0.00

(#) = Out of Range

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