

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD090418\
 Data File : VD059943.D
 Acq On : 4 Sep 2018 14:14
 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: Sep 05 04:00:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 03:03:08 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	42.641	14.7	93	-0.01
3 P	Chloromethane	50.000	39.952	20.1#	91	-0.01
4 C	Vinyl Chloride	50.000	45.494	9.0#	97	-0.02
5 T	Bromomethane	50.000	39.791	20.4#	97	-0.01
6 T	Chloroethane	50.000	40.544	18.9	92	-0.02
7 T	Trichlorofluoromethane	50.000	46.906	6.2	99	-0.03
8 T	Diethyl Ether	50.000	47.619	4.8	99	-0.02
9 T	1,1,2-Trichlorotrifluoroeth	50.000	51.177	-2.4	112	-0.03
10 T	Methyl Iodide	50.000	45.348	9.3	90	-0.03
11 T	Tert butyl alcohol	250.000	265.735	-6.3	103	-0.02
12 CM	1,1-Dichloroethene	50.000	49.050	1.9#	106	-0.03
13 T	Acrolein	250.000	226.731	9.3	86	-0.02
14 T	Allyl chloride	50.000	51.065	-2.1	105	-0.03
15 T	Acrylonitrile	250.000	257.342	-2.9	102	-0.04
16 T	Acetone	250.000	288.917	-15.6	113	-0.02
17 T	Carbon Disulfide	50.000	44.864	10.3	93	-0.03
18 T	Methyl Acetate	50.000	57.004	-14.0	117	-0.03
19 T	Methyl tert-butyl Ether	50.000	48.847	2.3	98	-0.03
20 T	Methylene Chloride	50.000	58.642	-17.3	121	-0.03
21 T	trans-1,2-Dichloroethene	50.000	49.134	1.7	102	-0.04
22 T	Diisopropyl ether	50.000	49.097	1.8	100	-0.03
23 T	Vinyl Acetate	250.000	253.830	-1.5	101	-0.03
24 P	1,1-Dichloroethane	50.000	49.508	1.0	103	-0.04
25 T	2-Butanone	250.000	269.309	-7.7	102	-0.03
26 T	2,2-Dichloropropane	50.000	46.997	6.0	103	-0.04
27 T	cis-1,2-Dichloroethene	50.000	49.735	0.5	102	-0.03
28 T	Bromochloromethane	50.000	48.619	2.8	98	-0.03
29	Tetrahydrofuran	250.000	262.096	-4.8	104	-0.03
30 C	Chloroform	50.000	49.794	0.4#	104	-0.03
31 T	Cyclohexane	50.000	43.513	13.0	96	-0.03
32 T	1,1,1-Trichloroethane	50.000	49.150	1.7	103	-0.03
33 S	1,2-Dichloroethane-d4	50.000	48.225	3.5	99	-0.03
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	102	-0.02
35 S	Dibromofluoromethane	50.000	50.722	-1.4	101	-0.03
36 T	1,1-Dichloropropene	50.000	50.902	-1.8	103	-0.03
37 T	Ethyl Acetate	50.000	50.033	-0.1	101	-0.03
38 T	Carbon Tetrachloride	50.000	49.482	1.0	103	-0.03
39 T	Methylcyclohexane	50.000	49.322	1.4	98	-0.03
40 TM	Benzene	50.000	51.081	-2.2	104	-0.04
41 T	Methacrylonitrile	50.000	54.454	-8.9	103	-0.03
42 TM	1,2-Dichloroethane	50.000	49.185	1.6	96	-0.03
43 T	Isopropyl Acetate	50.000	52.934	-5.9	101	-0.03
44 TM	Trichloroethene	50.000	52.711	-5.4	106	-0.03
45 C	1,2-Dichloropropane	50.000	51.350	-2.7#	102	-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	52.683	-5.4	103	-0.03
47 T	Bromodichloromethane	50.000	51.123	-2.2	102	-0.03
48 T	Methyl methacrylate	50.000	50.648	-1.3	100	-0.02
49 T	1,4-Dioxane	1000.000	1140.588	-14.1	110	-0.03
50 S	Toluene-d8	50.000	50.492	-1.0	99	-0.02
51 T	4-Methyl-2-Pentanone	250.000	282.684	-13.1	104	-0.02
52 CM	Toluene	50.000	51.419	-2.8#	104	-0.03
53 T	t-1,3-Dichloropropene	50.000	51.261	-2.5	101	-0.02
54 T	cis-1,3-Dichloropropene	50.000	50.924	-1.8	103	-0.02
55 T	1,1,2-Trichloroethane	50.000	49.406	1.2	104	-0.02
56 T	Ethyl methacrylate	50.000	51.919	-3.8	101	-0.02
57 T	1,3-Dichloropropane	50.000	52.292	-4.6	102	-0.02
58 T	2-Chloroethyl Vinyl ether	250.000	277.393	-11.0	115	-0.02
59 T	2-Hexanone	250.000	281.241	-12.5	103	-0.02
60 T	Dibromochloromethane	50.000	51.972	-3.9	102	-0.01
61 T	1,2-Dibromoethane	50.000	51.986	-4.0	102	-0.02
62 S	4-Bromofluorobenzene	50.000	50.133	-0.3	100	-0.01
63 I	Chlorobenzene-d5	50.000	50.000	0.0	101	-0.02
64 T	Tetrachloroethene	50.000	51.352	-2.7	103	-0.02
65 PM	Chlorobenzene	50.000	53.131	-6.3	105	-0.02
66 T	1,1,1,2-Tetrachloroethane	50.000	52.155	-4.3	102	-0.01
67 C	Ethyl Benzene	50.000	50.997	-2.0#	101	-0.01
68 T	m/p-Xylenes	100.000	103.395	-3.4	104	-0.01
69 T	o-Xylene	50.000	53.017	-6.0	106	-0.01
70 T	Styrene	50.000	52.633	-5.3	105	-0.01
71 P	Bromoform	50.000	53.272	-6.5	102	-0.01
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	107	-0.01
73 T	Isopropylbenzene	50.000	49.885	0.2	107	-0.01
74 T	N-amyl acetate	50.000	48.293	3.4	101	-0.01
75 P	1,1,2,2-Tetrachloroethane	50.000	51.635	-3.3	110	-0.01
76 T	1,2,3-Trichloropropane	50.000	51.027	-2.1	105	-0.01
77 T	Bromobenzene	50.000	52.802	-5.6	110	-0.01
78 T	n-propylbenzene	50.000	49.758	0.5	106	-0.01
79 T	2-Chlorotoluene	50.000	49.034	1.9	104	-0.01
80 T	1,3,5-Trimethylbenzene	50.000	48.632	2.7	104	-0.01
81 T	trans-1,4-Dichloro-2-butene	50.000	47.925	4.2	98	-0.01
82 T	4-Chlorotoluene	50.000	48.144	3.7	103	-0.01
83 T	tert-Butylbenzene	50.000	49.065	1.9	103	-0.01
84 T	1,2,4-Trimethylbenzene	50.000	48.212	3.6	103	0.00
85 T	sec-Butylbenzene	50.000	50.612	-1.2	105	0.00
86 T	p-Isopropyltoluene	50.000	49.529	0.9	105	-0.01
87 T	1,3-Dichlorobenzene	50.000	51.074	-2.1	108	-0.01
88 T	1,4-Dichlorobenzene	50.000	52.176	-4.4	111	-0.01
89 T	n-Butylbenzene	50.000	52.726	-5.5	109	-0.01

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	47.430	5.1	100	-0.01
91 T	1,2-Dichlorobenzene	50.000	52.892	-5.8	110	-0.01
92 T	1,2-Dibromo-3-Chloropropane	50.000	49.125	1.8	101	-0.01
93 T	1,2,4-Trichlorobenzene	50.000	51.609	-3.2	106	-0.01
94 T	Hexachlorobutadiene	50.000	53.016	-6.0	110	-0.01
95 T	Naphthalene	50.000	53.150	-6.3	108	-0.01
96 T	1,2,3-Trichlorobenzene	50.000	52.390	-4.8	107	-0.01

(#) = Out of Range

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