

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD110918\
 Data File : VD060308.D
 Acq On : 9 Nov 2018 11:13
 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 12 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	112	-0.02
2 T	Dichlorodifluoromethane	50.000	55.759	-11.5	119	0.00
3 P	Chloromethane	50.000	45.985	8.0	113	0.00
4 C	Vinyl Chloride	50.000	48.451	3.1#	114	0.00
5 T	Bromomethane	50.000	61.126	-22.3#	120	0.00
6 T	Chloroethane	50.000	53.322	-6.6	113	0.00
7 T	Trichlorofluoromethane	50.000	55.172	-10.3	123	0.00
8 T	Diethyl Ether	50.000	49.113	1.8	108	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	51.957	-3.9	114	0.00
10 T	Methyl Iodide	50.000	47.106	5.8	104	-0.01
11 T	Tert butyl alcohol	250.000	251.010	-0.4	100	-0.02
12 CM	1,1-Dichloroethene	50.000	51.103	-2.2#	112	-0.01
13 T	Acrolein	250.000	244.408	2.2	111	0.00
14 T	Allyl chloride	50.000	49.582	0.8	109	-0.01
15 T	Acrylonitrile	250.000	238.773	4.5	104	-0.01
16 T	Acetone	250.000	250.042	-0.0	114	-0.01
17 T	Carbon Disulfide	50.000	49.866	0.3	113	0.00
18 T	Methyl Acetate	50.000	46.807	6.4	112	0.00
19 T	Methyl tert-butyl Ether	50.000	49.571	0.9	107	-0.02
20 T	Methylene Chloride	50.000	49.149	1.7	116	-0.01
21 T	trans-1,2-Dichloroethene	50.000	52.082	-4.2	114	-0.01
22 T	Diisopropyl ether	50.000	51.945	-3.9	113	-0.02
23 T	Vinyl Acetate	250.000	247.145	1.1	107	-0.02
24 P	1,1-Dichloroethane	50.000	52.870	-5.7	116	-0.02
25 T	2-Butanone	250.000	248.367	0.7	108	-0.02
26 T	2,2-Dichloropropane	50.000	54.881	-9.8	121	-0.01
27 T	cis-1,2-Dichloroethene	50.000	51.666	-3.3	113	-0.02
28 T	Bromochloromethane	50.000	48.841	2.3	110	-0.02
29	Tetrahydrofuran	250.000	232.138	7.1	102	-0.01
30 C	Chloroform	50.000	52.934	-5.9#	115	-0.02
31 T	Cyclohexane	50.000	50.761	-1.5	117	-0.02
32 T	1,1,1-Trichloroethane	50.000	53.596	-7.2	116	-0.02
33 S	1,2-Dichloroethane-d4	50.000	48.461	3.1	105	-0.02
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	112	-0.02
35 S	Dibromofluoromethane	50.000	51.054	-2.1	107	-0.02
36 T	1,1-Dichloropropene	50.000	52.759	-5.5	118	-0.02
37 T	Ethyl Acetate	50.000	46.905	6.2	100	-0.01
38 T	Carbon Tetrachloride	50.000	52.468	-4.9	116	-0.02
39 T	Methylcyclohexane	50.000	53.219	-6.4	118	-0.01
40 TM	Benzene	50.000	52.947	-5.9	115	-0.02
41 T	Methacrylonitrile	50.000	47.781	4.4	104	-0.03
42 TM	1,2-Dichloroethane	50.000	50.732	-1.5	109	-0.02
43 T	Isopropyl Acetate	50.000	49.717	0.6	105	-0.02
44 TM	Trichloroethene	50.000	54.933	-9.9	118	-0.02
45 C	1,2-Dichloropropane	50.000	52.774	-5.5#	113	-0.02

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

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	50.628	-1.3	109	-0.01
47 T	Bromodichloromethane	50.000	53.189	-6.4	112	-0.02
48 T	Methyl methacrylate	50.000	49.618	0.8	107	-0.01
49 T	1,4-Dioxane	1000.000	988.963	1.1	105	-0.02
50 S	Toluene-d8	50.000	51.328	-2.7	109	-0.02
51 T	4-Methyl-2-Pentanone	250.000	236.297	5.5	104	-0.02
52 CM	Toluene	50.000	51.995	-4.0#	114	-0.02
53 T	t-1,3-Dichloropropene	50.000	52.899	-5.8	111	-0.02
54 T	cis-1,3-Dichloropropene	50.000	54.000	-8.0	116	-0.01
55 T	1,1,2-Trichloroethane	50.000	48.570	2.9	111	-0.02
56 T	Ethyl methacrylate	50.000	50.899	-1.8	104	-0.02
57 T	1,3-Dichloropropane	50.000	50.269	-0.5	109	-0.01
58 T	2-Chloroethyl Vinyl ether	250.000	235.569	5.8	102	-0.02
59 T	2-Hexanone	250.000	250.993	-0.4	106	-0.02
60 T	Dibromochloromethane	50.000	52.948	-5.9	109	-0.01
61 T	1,2-Dibromoethane	50.000	50.611	-1.2	107	-0.01
62 S	4-Bromofluorobenzene	50.000	49.637	0.7	108	-0.02
63 I	Chlorobenzene-d5	50.000	50.000	0.0	112	-0.02
64 T	Tetrachloroethene	50.000	52.656	-5.3	115	-0.02
65 PM	Chlorobenzene	50.000	51.116	-2.2	112	-0.02
66 T	1,1,1,2-Tetrachloroethane	50.000	52.782	-5.6	116	-0.01
67 C	Ethyl Benzene	50.000	51.765	-3.5#	118	-0.01
68 T	m/p-Xylenes	100.000	103.422	-3.4	113	-0.01
69 T	o-Xylene	50.000	50.409	-0.8	109	-0.01
70 T	Styrene	50.000	51.454	-2.9	115	-0.01
71 P	Bromoform	50.000	52.783	-5.6	110	-0.01
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	109	-0.01
73 T	Isopropylbenzene	50.000	52.458	-4.9	119	-0.01
74 T	N-amyl acetate	50.000	48.768	2.5	103	-0.01
75 P	1,1,2,2-Tetrachloroethane	50.000	49.820	0.4	108	-0.01
76 T	1,2,3-Trichloropropane	50.000	49.648	0.7	106	-0.01
77 T	Bromobenzene	50.000	52.942	-5.9	116	-0.01
78 T	n-propylbenzene	50.000	52.968	-5.9	115	-0.01
79 T	2-Chlorotoluene	50.000	51.740	-3.5	116	-0.01
80 T	1,3,5-Trimethylbenzene	50.000	51.525	-3.0	114	-0.01
81 T	trans-1,4-Dichloro-2-butene	50.000	51.667	-3.3	108	-0.01
82 T	4-Chlorotoluene	50.000	51.045	-2.1	115	-0.01
83 T	tert-Butylbenzene	50.000	52.419	-4.8	113	-0.01
84 T	1,2,4-Trimethylbenzene	50.000	49.885	0.2	107	-0.01
85 T	sec-Butylbenzene	50.000	51.806	-3.6	112	-0.01
86 T	p-Isopropyltoluene	50.000	51.629	-3.3	111	-0.01
87 T	1,3-Dichlorobenzene	50.000	52.288	-4.6	112	-0.01
88 T	1,4-Dichlorobenzene	50.000	51.750	-3.5	111	-0.01
89 T	n-Butylbenzene	50.000	52.590	-5.2	110	-0.01

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	55.860	-11.7	120	-0.01
91 T	1,2-Dichlorobenzene	50.000	48.889	2.2	107	-0.01
92 T	1,2-Dibromo-3-Chloropropane	50.000	52.825	-5.7	108	0.00
93 T	1,2,4-Trichlorobenzene	50.000	49.596	0.8	105	-0.01
94 T	Hexachlorobutadiene	50.000	52.587	-5.2	112	-0.01
95 T	Naphthalene	50.000	49.331	1.3	104	-0.01
96 T	1,2,3-Trichlorobenzene	50.000	48.966	2.1	105	-0.01

(#) = Out of Range

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