

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD111218\
 Data File : VD060329.D
 Acq On : 12 Nov 2018 10:18
 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: Nov 13 00:38:00 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	115	-0.02
2 T	Dichlorodifluoromethane	50.000	56.219	-12.4	124	0.02
3 P	Chloromethane	50.000	49.075	1.8	124	0.02
4 C	Vinyl Chloride	50.000	52.934	-5.9#	128	0.02
5 T	Bromomethane	50.000	61.384	-22.8#	124	0.00
6 T	Chloroethane	50.000	52.237	-4.5	114	0.00
7 T	Trichlorofluoromethane	50.000	57.365	-14.7	132	0.00
8 T	Diethyl Ether	50.000	50.442	-0.9	114	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	55.695	-11.4	126	0.00
10 T	Methyl Iodide	50.000	51.965	-3.9	119	0.00
11 T	Tert butyl alcohol	250.000	251.893	-0.8	104	-0.02
12 CM	1,1-Dichloroethene	50.000	56.240	-12.5#	127	0.00
13 T	Acrolein	250.000	242.304	3.1	114	0.00
14 T	Allyl chloride	50.000	54.180	-8.4	122	0.00
15 T	Acrylonitrile	250.000	254.339	-1.7	114	0.00
16 T	Acetone	250.000	298.673	-19.5	141	0.00
17 T	Carbon Disulfide	50.000	53.438	-6.9	125	0.00
18 T	Methyl Acetate	50.000	53.025	-6.0	131	0.00
19 T	Methyl tert-butyl Ether	50.000	50.902	-1.8	113	-0.01
20 T	Methylene Chloride	50.000	54.080	-8.2	132	0.00
21 T	trans-1,2-Dichloroethene	50.000	54.104	-8.2	122	0.00
22 T	Diisopropyl ether	50.000	53.105	-6.2	119	-0.01
23 T	Vinyl Acetate	250.000	261.016	-4.4	116	-0.01
24 P	1,1-Dichloroethane	50.000	53.823	-7.6	122	-0.01
25 T	2-Butanone	250.000	266.856	-6.7	119	-0.02
26 T	2,2-Dichloropropane	50.000	57.237	-14.5	130	-0.01
27 T	cis-1,2-Dichloroethene	50.000	53.051	-6.1	120	-0.01
28 T	Bromochloromethane	50.000	53.069	-6.1	123	-0.02
29	Tetrahydrofuran	250.000	243.624	2.6	110	-0.01
30 C	Chloroform	50.000	54.893	-9.8#	123	-0.02
31 T	Cyclohexane	50.000	51.328	-2.7	122	-0.02
32 T	1,1,1-Trichloroethane	50.000	54.839	-9.7	122	-0.02
33 S	1,2-Dichloroethane-d4	50.000	47.166	5.7	105	-0.02
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	116	-0.02
35 S	Dibromofluoromethane	50.000	49.107	1.8	106	-0.02
36 T	1,1-Dichloropropene	50.000	55.665	-11.3	128	-0.02
37 T	Ethyl Acetate	50.000	49.481	1.0	109	-0.01
38 T	Carbon Tetrachloride	50.000	54.454	-8.9	124	-0.02
39 T	Methylcyclohexane	50.000	53.205	-6.4	121	-0.02
40 TM	Benzene	50.000	54.298	-8.6	121	-0.02
41 T	Methacrylonitrile	50.000	49.932	0.1	112	-0.02
42 TM	1,2-Dichloroethane	50.000	52.525	-5.0	116	-0.02
43 T	Isopropyl Acetate	50.000	51.440	-2.9	112	-0.03
44 TM	Trichloroethene	50.000	55.570	-11.1	123	-0.02
45 C	1,2-Dichloropropane	50.000	54.661	-9.3#	121	-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	52.646	-5.3	116	-0.02
47 T	Bromodichloromethane	50.000	55.316	-10.6	120	-0.02
48 T	Methyl methacrylate	50.000	51.741	-3.5	114	-0.02
49 T	1,4-Dioxane	1000.000	1002.233	-0.2	109	-0.03
50 S	Toluene-d8	50.000	49.196	1.6	107	-0.02
51 T	4-Methyl-2-Pentanone	250.000	245.563	1.8	111	-0.03
52 CM	Toluene	50.000	54.154	-8.3#	122	-0.03
53 T	t-1,3-Dichloropropene	50.000	53.938	-7.9	116	-0.02
54 T	cis-1,3-Dichloropropene	50.000	55.544	-11.1	122	-0.02
55 T	1,1,2-Trichloroethane	50.000	49.238	1.5	116	-0.02
56 T	Ethyl methacrylate	50.000	53.907	-7.8	113	-0.03
57 T	1,3-Dichloropropane	50.000	53.777	-7.6	120	-0.02
58 T	2-Chloroethyl Vinyl ether	250.000	257.492	-3.0	115	-0.02
59 T	2-Hexanone	250.000	280.184	-12.1	121	-0.02
60 T	Dibromochloromethane	50.000	55.208	-10.4	117	-0.02
61 T	1,2-Dibromoethane	50.000	51.859	-3.7	112	-0.02
62 S	4-Bromofluorobenzene	50.000	48.297	3.4	108	-0.02
63 I	Chlorobenzene-d5	50.000	50.000	0.0	115	-0.02
64 T	Tetrachloroethene	50.000	54.062	-8.1	121	-0.02
65 PM	Chlorobenzene	50.000	53.262	-6.5	119	-0.02
66 T	1,1,1,2-Tetrachloroethane	50.000	53.458	-6.9	120	-0.02
67 C	Ethyl Benzene	50.000	52.117	-4.2#	121	-0.02
68 T	m/p-Xylenes	100.000	104.021	-4.0	116	-0.02
69 T	o-Xylene	50.000	52.572	-5.1	116	-0.02
70 T	Styrene	50.000	53.292	-6.6	121	-0.02
71 P	Bromoform	50.000	53.716	-7.4	114	-0.02
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	113	-0.02
73 T	Isopropylbenzene	50.000	52.965	-5.9	124	-0.01
74 T	N-amyl acetate	50.000	51.463	-2.9	112	-0.02
75 P	1,1,2,2-Tetrachloroethane	50.000	51.964	-3.9	116	-0.01
76 T	1,2,3-Trichloropropane	50.000	51.580	-3.2	114	-0.02
77 T	Bromobenzene	50.000	52.890	-5.8	120	-0.01
78 T	n-propylbenzene	50.000	51.358	-2.7	116	-0.02
79 T	2-Chlorotoluene	50.000	53.127	-6.3	123	-0.02
80 T	1,3,5-Trimethylbenzene	50.000	51.362	-2.7	118	-0.02
81 T	trans-1,4-Dichloro-2-butene	50.000	55.544	-11.1	120	-0.02
82 T	4-Chlorotoluene	50.000	52.142	-4.3	121	-0.02
83 T	tert-Butylbenzene	50.000	53.042	-6.1	118	-0.02
84 T	1,2,4-Trimethylbenzene	50.000	52.911	-5.8	118	-0.01
85 T	sec-Butylbenzene	50.000	53.189	-6.4	119	-0.01
86 T	p-Isopropyltoluene	50.000	50.787	-1.6	113	-0.02
87 T	1,3-Dichlorobenzene	50.000	50.627	-1.3	112	-0.02
88 T	1,4-Dichlorobenzene	50.000	52.498	-5.0	116	-0.02
89 T	n-Butylbenzene	50.000	54.998	-10.0	117	-0.02

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	56.925	-13.8	126	-0.02
91 T	1,2-Dichlorobenzene	50.000	50.466	-0.9	114	-0.02
92 T	1,2-Dibromo-3-Chloropropane	50.000	55.583	-11.2	118	-0.01
93 T	1,2,4-Trichlorobenzene	50.000	52.411	-4.8	115	-0.02
94 T	Hexachlorobutadiene	50.000	51.543	-3.1	113	-0.02
95 T	Naphthalene	50.000	48.602	2.8	106	-0.02
96 T	1,2,3-Trichlorobenzene	50.000	48.178	3.6	106	-0.02

(#) = Out of Range

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