Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD092418\
Data File : VD060076.D
Acq On : 24 Sep 2018 11:54
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: Sep 24 15:35:02 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D091318S.M
Quant Title : SW846 8260
QLast Update : Thu Sep 13 16:17:40 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	50.424	-0.8	103	0.01
3	P	Chloromethane	50.000	54.000	-8.0	126	0.01
4	C	Vinyl Chloride	50.000	55.596	-11.2#	123	0.01
5	T	Bromomethane	50.000	72.765	-45.5#	114	0.01
6	T	Chloroethane	50.000	68.183	-36.4#	109	0.01
7	T	Trichlorofluoromethane	50.000	56.810	-13.6	113	0.01
8	T	Diethyl Ether	50.000	57.919	-15.8	118	0.01
9	T	1,1,2-Trichlorotrifluoroeth	50.000	59.505	-19.0	123	0.01
10	T	Methyl Iodide	50.000	59.487	-19.0	112	0.01
11	T	Tert butyl alcohol	250.000	229.910	8.0	97	0.00
12	CM	1,1-Dichloroethene	50.000	61.584	-23.2#	128	0.01
13	T	Acrolein	250.000	199.464	20.2#	93	0.01
14	T	Allyl chloride	50.000	59.238	-18.5	120	0.00
15	T	Acrylonitrile	250.000	263.414	-5.4	109	0.00
16	T	Acetone	250.000	273.211	-9.3	117	0.00
17	T	Carbon Disulfide	50.000	58.035	-16.1	118	0.01
18	T	Methyl Acetate	50.000	57.847	-15.7	122	0.00
19	T	Methyl tert-butyl Ether	50.000	52.937	-5.9	109	0.00
20	T	Methylene Chloride	50.000	56.191	-12.4	106	0.01
21	T	trans-1,2-Dichloroethene	50.000	53.304	-6.6	107	0.00
22	T	Diisopropyl ether	50.000	53.605	-7.2	108	0.00
23	T	Vinyl Acetate	250.000	263.941	-5.6	106	0.00
24	P	1,1-Dichloroethane	50.000	55.344	-10.7	112	0.00
25	T	2-Butanone	250.000	233.416	6.6	102	0.00
26	T	2,2-Dichloropropane	50.000	56.057	-12.1	116	0.00
27	T	cis-1,2-Dichloroethene	50.000	55.312	-10.6	112	0.00
28	T	Bromochloromethane	50.000	57.081	-14.2	126	0.00
29		Tetrahydrofuran	250.000	249.384	0.2	103	0.00
30	C	Chloroform	50.000	55.296	-10.6#	111	0.00
31	T	Cyclohexane	50.000	49.807	0.4	103	0.00
32	T	1,1,1-Trichloroethane	50.000	55.259	-10.5	111	0.00
33	S	1,2-Dichloroethane-d4	50.000	53.123	-6.2	116	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	116	0.00
35	S	Dibromofluoromethane	50.000	50.833	-1.7	117	0.00
36	T	1,1-Dichloropropene	50.000	50.609	-1.2	112	0.00
37	T	Ethyl Acetate	50.000	48.734	2.5	111	0.00
38	T	Carbon Tetrachloride	50.000	50.133	-0.3	108	0.00
39	T	Methylcyclohexane	50.000	51.664	-3.3	112	0.00
40	TM	Benzene	50.000	51.487	-3.0	110	0.00
41	T	Methacrylonitrile	50.000	55.905	-11.8	118	0.00
42	TM	1,2-Dichloroethane	50.000	48.691	2.6	106	0.00
43	T	Isopropyl Acetate	50.000	48.161	3.7	103	0.00
44	TM	Trichloroethene	50.000	51.559	-3.1	111	0.00
45	C	1,2-Dichloropropane	50.000	52.270	-4.5#	112	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	50.695	-1.4	108	0.00
47	T	Bromodichloromethane	50.000	51.986	-4.0	113	0.00
48	T	Methyl methacrylate	50.000	48.817	2.4	104	0.00
49	T	1,4-Dioxane	1000.000	969.162	3.1	103	0.00
50	S	Toluene-d8	50.000	51.022	-2.0	120	0.00
51	T	4-Methyl-2-Pentanone	250.000	219.722	12.1	105	0.00
52	CM	Toluene	50.000	53.192	-6.4#	115	0.00
53	T	t-1,3-Dichloropropene	50.000	51.586	-3.2	113	0.00
54	T	cis-1,3-Dichloropropene	50.000	51.841	-3.7	112	0.00
55	T	1,1,2-Trichloroethane	50.000	48.723	2.6	112	0.00
56	T	Ethyl methacrylate	50.000	49.848	0.3	106	0.00
57	T	1,3-Dichloropropane	50.000	50.746	-1.5	110	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	261.402	-4.6	121	0.00
59	T	2-Hexanone	250.000	231.559	7.4	107	0.00
60	T	Dibromochloromethane	50.000	50.958	-1.9	107	0.00
61	T	1,2-Dibromoethane	50.000	50.969	-1.9	112	0.00
62	S	4-Bromofluorobenzene	50.000	50.956	-1.9	117	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	111	0.00
64	T	Tetrachloroethene	50.000	52.360	-4.7	108	0.00
65	PM	Chlorobenzene	50.000	54.245	-8.5	110	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	53.924	-7.8	108	0.00
67	C	Ethyl Benzene	50.000	53.594	-7.2#	109	0.00
68	T	m/p-Xylenes	100.000	109.189	-9.2	108	0.00
69	T	o-Xylene	50.000	54.937	-9.9	111	0.00
70	T	Styrene	50.000	54.362	-8.7	111	0.00
71	P	Bromoform	50.000	53.653	-7.3	106	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	109	0.00
73	T	Isopropylbenzene	50.000	52.243	-4.5	106	0.00
74	T	N-amyl acetate	50.000	51.133	-2.3	105	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	51.383	-2.8	105	0.00
76	T	1,2,3-Trichloropropane	50.000	51.195	-2.4	105	0.00
77	T	Bromobenzene	50.000	53.365	-6.7	110	0.00
78	T	n-propylbenzene	50.000	53.419	-6.8	109	0.00
79	T	2-Chlorotoluene	50.000	51.283	-2.6	105	0.00
80	T	1,3,5-Trimethylbenzene	50.000	53.517	-7.0	107	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	51.742	-3.5	107	0.00
82	T	4-Chlorotoluene	50.000	52.666	-5.3	109	0.00
83	T	tert-Butylbenzene	50.000	54.067	-8.1	109	0.00
84	T	1,2,4-Trimethylbenzene	50.000	54.000	-8.0	112	0.00
85	T	sec-Butylbenzene	50.000	54.425	-8.8	112	0.00
86	T	p-Isopropyltoluene	50.000	54.545	-9.1	108	0.00
87	T	1,3-Dichlorobenzene	50.000	55.072	-10.1	112	0.00
88	T	1,4-Dichlorobenzene	50.000	52.386	-4.8	107	0.00
89	T	n-Butylbenzene	50.000	57.999	-16.0	112	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	54.973	-9.9	107	0.00
91 T	1,2-Dichlorobenzene	50.000	56.557	-13.1	111	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	46.953	6.1	108	0.00
93 T	1,2,4-Trichlorobenzene	50.000	53.229	-6.5	106	0.00
94 T	Hexachlorobutadiene	50.000	54.872	-9.7	110	0.00
95 T	Naphthalene	50.000	50.819	-1.6	104	0.00
96 T	1,2,3-Trichlorobenzene	50.000	51.003	-2.0	103	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6