Evaluate Continuing Calibration Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062518\
Data File : VD059413.D
Acq On : 26 Jun 2018 8:02
Operator : VA/AP
Sample : VSTDCCC050
Misc : 5.00g/5ml/MSVOA D/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_D
LabSampleId : VSTDCCC050

Quant Time: Jun 26 17:48:12 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D062518S.M
Quant Title : SW846 8260
QLast Update : Mon Jun 25 07:29:35 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	121	-0.01
2	T	Dichlorodifluoromethane	50.000	43.794	12.4	113	0.02
3	P	Chloromethane	50.000	42.602	14.8	113	0.03
4	C	Vinyl Chloride	50.000	46.815	6.4#	117	0.02
5	T	Bromomethane	50.000	60.021	-20.0#	128	0.02
6	T	Chloroethane	50.000	50.613	-1.2	115	0.02
7	T	Trichlorofluoromethane	50.000	51.627	-3.3	122	0.02
8	T	Diethyl Ether	50.000	51.981	-4.0	127	0.02
9	T	1,1,2-Trichlorotrifluoroeth	50.000	50.704	-1.4	122	0.00
10	T	Methyl Iodide	50.000	55.696	-11.4	123	0.00
11	T	Tert butyl alcohol	250.000	253.508	-1.4	111	0.00
12	CM	1,1-Dichloroethene	50.000	50.081	-0.2#	126	0.00
13	T	Acrolein	250.000	214.289	14.3	110	0.00
14	T	Allyl chloride	50.000	52.075	-4.2	131	0.00
15	T	Acrylonitrile	250.000	308.561	-23.4#	150	0.00
16	T	Acetone	250.000	223.541	10.6	113	0.00
17	T	Carbon Disulfide	50.000	49.943	0.1	125	0.00
18	T	Methyl Acetate	50.000	54.545	-9.1	122	0.02
19	T	Methyl tert-butyl Ether	50.000	50.124	-0.2	124	0.00
20	T	Methylene Chloride	50.000	57.685	-15.4	139	0.01
21	T	trans-1,2-Dichloroethene	50.000	59.800	-19.6	147	0.00
22	T	Diisopropyl ether	50.000	46.555	6.9	116	0.00
23	T	Vinyl Acetate	250.000	237.376	5.0	113	0.00
24	P	1,1-Dichloroethane	50.000	47.013	6.0	121	0.00
25	T	2-Butanone	250.000	213.536	14.6	108	0.00
26	T	2,2-Dichloropropane	50.000	46.491	7.0	117	0.00
27	T	cis-1,2-Dichloroethene	50.000	44.635	10.7	119	0.00
28	T	Bromochloromethane	50.000	48.825	2.3	116	0.00
29		Tetrahydrofuran	250.000	221.220	11.5	109	0.00
30	C	Chloroform	50.000	49.792	0.4#	126	0.00
31	T	Cyclohexane	50.000	47.254	5.5	111	0.00
32	T	1,1,1-Trichloroethane	50.000	54.248	-8.5	132	-0.01
33	S	1,2-Dichloroethane-d4	50.000	46.585	6.8	107	-0.01
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	120	-0.01
35	S	Dibromofluoromethane	50.000	46.694	6.6	108	0.00
36	T	1,1-Dichloropropene	50.000	46.239	7.5	117	0.00
37	T	Ethyl Acetate	50.000	43.715	12.6	110	-0.01
38	T	Carbon Tetrachloride	50.000	54.550	-9.1	135	0.00
39	T	Methylcyclohexane	50.000	43.674	12.7	111	-0.01
40	TM	Benzene	50.000	45.899	8.2	115	-0.01
41	T	Methacrylonitrile	50.000	46.139	7.7	108	0.00
42	TM	1,2-Dichloroethane	50.000	50.996	-2.0	126	-0.01
43	T	Isopropyl Acetate	50.000	46.226	7.5	114	-0.01
44	TM	Trichloroethene	50.000	46.600	6.8	121	-0.01
45	C	1,2-Dichloropropane	50.000	47.385	5.2#	122	-0.01

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Instrument : MSVOA_D
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Quant Time: Jun 26 17:48:12 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D062518S.M
Quant Title : SW846 8260
QLast Update : Mon Jun 25 07:29:35 2018
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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)
46	T	Dibromomethane	50.000	50.042	-0.1	123	0.00
47	T	Bromodichloromethane	50.000	50.436	-0.9	117	-0.01
48	T	Methyl methacrylate	50.000	48.470	3.1	123	-0.01
49	T	1,4-Dioxane	1000.000	889.110	11.1	111	-0.01
50	S	Toluene-d8	50.000	42.884	14.2	98	-0.01
51	T	4-Methyl-2-Pentanone	250.000	224.176	10.3	111	-0.02
52	CM	Toluene	50.000	46.035	7.9#	118	-0.02
53	T	t-1,3-Dichloropropene	50.000	49.593	0.8	119	-0.01
54	T	cis-1,3-Dichloropropene	50.000	49.072	1.9	120	-0.01
55	T	1,1,2-Trichloroethane	50.000	47.939	4.1	119	-0.01
56	T	Ethyl methacrylate	50.000	48.084	3.8	116	-0.02
57	T	1,3-Dichloropropane	50.000	47.195	5.6	115	-0.01
58	T	2-Chloroethyl Vinyl ether	250.000	237.140	5.1	118	-0.02
59	T	2-Hexanone	250.000	225.379	9.8	109	-0.02
60	T	Dibromochloromethane	50.000	52.320	-4.6	125	-0.01
61	T	1,2-Dibromoethane	50.000	49.989	0.0	125	-0.01
62	S	4-Bromofluorobenzene	50.000	43.926	12.1	103	-0.01
63	I	Chlorobenzene-d5	50.000	50.000	0.0	121	-0.01
64	T	Tetrachloroethene	50.000	49.382	1.2	128	-0.02
65	PM	Chlorobenzene	50.000	46.847	6.3	121	-0.02
66	T	1,1,1,2-Tetrachloroethane	50.000	51.275	-2.5	118	-0.01
67	C	Ethyl Benzene	50.000	47.821	4.4#	118	-0.01
68	T	m/p-Xylenes	100.000	94.000	6.0	122	-0.01
69	T	o-Xylene	50.000	48.124	3.8	118	-0.01
70	T	Styrene	50.000	47.120	5.8	115	-0.01
71	P	Bromoform	50.000	54.019	-8.0	124	-0.02
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	115	-0.01
73	T	Isopropylbenzene	50.000	50.002	-0.0	118	-0.01
74	T	N-amyl acetate	50.000	49.028	1.9	114	-0.01
75	P	1,1,2,2-Tetrachloroethane	50.000	49.477	1.0	116	-0.01
76	T	1,2,3-Trichloropropane	50.000	48.253	3.5	112	-0.01
77	T	Bromobenzene	50.000	49.707	0.6	116	-0.01
78	T	n-propylbenzene	50.000	47.628	4.7	114	-0.01
79	T	2-Chlorotoluene	50.000	49.221	1.6	116	-0.01
80	T	1,3,5-Trimethylbenzene	50.000	47.846	4.3	117	-0.01
81	T	trans-1,4-Dichloro-2-butene	50.000	47.988	4.0	103	-0.01
82	T	4-Chlorotoluene	50.000	47.745	4.5	120	-0.01
83	T	tert-Butylbenzene	50.000	51.956	-3.9	120	-0.01
84	T	1,2,4-Trimethylbenzene	50.000	48.963	2.1	115	-0.01
85	T	sec-Butylbenzene	50.000	49.337	1.3	114	-0.01
86	T	p-Isopropyltoluene	50.000	50.143	-0.3	118	-0.01
87	T	1,3-Dichlorobenzene	50.000	50.490	-1.0	120	-0.01
88	T	1,4-Dichlorobenzene	50.000	49.144	1.7	118	-0.01
89	T	n-Butylbenzene	50.000	45.773	8.5	113	-0.01

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

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90	T	Hexachloroethane	50.000	60.067	-20.1#	131	-0.01
91	T	1,2-Dichlorobenzene	50.000	48.482	3.0	122	-0.01
92	T	1,2-Dibromo-3-Chloropropane	50.000	53.774	-7.5	118	-0.01
93	T	1,2,4-Trichlorobenzene	50.000	50.717	-1.4	121	-0.01
94	T	Hexachlorobutadiene	50.000	51.856	-3.7	116	-0.01
95	T	Naphthalene	50.000	49.148	1.7	117	-0.01
96	T	1,2,3-Trichlorobenzene	50.000	49.650	0.7	115	-0.01

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