Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF071818\
Data File : VF059519.D
Acq On : 18 Jul 2018 18:04
Operator : VA/AP
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA F/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_F
LabSampleId : VSTDCCC050

Quant Time: Jul 19 05:08:41 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F071718S.M
Quant Title : SW846 8260
QLast Update : Wed Jul 18 04:09:10 2018
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	50.000	50.000	0.0	107	-0.03
2	T	Dichlorodifluoromethane	50.000	46.455	7.1	114	0.00
3	P	Chloromethane	50.000	42.247	15.5	109	0.00
4	C	Vinyl Chloride	50.000	48.444	3.1#	115	0.00
5	T	Bromomethane	50.000	50.174	-0.3	126	0.00
6	T	Chloroethane	50.000	54.476	-9.0	130	-0.02
7	T	Trichlorofluoromethane	50.000	49.473	1.1	115	-0.06
8	T	Diethyl Ether	50.000	50.372	-0.7	110	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	53.053	-6.1	135	-0.03
10	T	Methyl Iodide	50.000	59.277	-18.6	143	-0.03
11	T	Tert butyl alcohol	250.000	310.922	-24.4	122	-0.02
12	CM	1,1-Dichloroethene	50.000	47.785	4.4#	122	-0.02
13	T	Acrolein	250.000	299.720	-19.9	113	-0.02
14	T	Allyl chloride	50.000	63.987	-28.0#	155	-0.02
15	T	Acrylonitrile	250.000	274.796	-9.9	118	-0.02
16	T	Acetone	250.000	391.624	-56.6#	140	-0.02
17	T	Carbon Disulfide	50.000	45.242	9.5	111	0.00
18	T	Methyl Acetate	50.000	48.448	3.1	94	-0.02
19	T	Methyl tert-butyl Ether	50.000	49.519	1.0	104	-0.02
20	T	Methylene Chloride	50.000	53.086	-6.2	116	-0.04
21	T	trans-1,2-Dichloroethene	50.000	49.461	1.1	116	0.00
22	T	Diisopropyl ether	50.000	48.515	3.0	104	-0.03
23	T	Vinyl Acetate	250.000	251.995	-0.8	109	-0.04
24	P	1,1-Dichloroethane	50.000	51.910	-3.8	118	-0.03
25	T	2-Butanone	250.000	256.031	-2.4	107	-0.05
26	T	2,2-Dichloropropane	50.000	53.925	-7.8	118	-0.03
27	T	cis-1,2-Dichloroethene	50.000	55.259	-10.5	118	-0.03
28	T	Bromochloromethane	50.000	46.678	6.6	95	-0.03
29		Tetrahydrofuran	250.000	280.598	-12.2	110	-0.05
30	C	Chloroform	50.000	49.650	0.7#	109	-0.03
31	T	Cyclohexane	50.000	56.774	-13.5	137	-0.03
32	T	1,1,1-Trichloroethane	50.000	59.110	-18.2	132	-0.03
33	S	1,2-Dichloroethane-d4	50.000	48.294	3.4	103	-0.03
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	103	-0.04
35	S	Dibromofluoromethane	50.000	49.849	0.3	100	-0.03
36	T	1,1-Dichloropropene	50.000	50.664	-1.3	111	-0.03
37	T	Ethyl Acetate	50.000	54.220	-8.4	100	-0.05
38	T	Carbon Tetrachloride	50.000	59.675	-19.3	136	-0.02
39	T	Methylcyclohexane	50.000	56.776	-13.6	129	-0.03
40	TM	Benzene	50.000	51.525	-3.0	112	-0.03
41	T	Methacrylonitrile	50.000	49.862	0.3	107	-0.05
42	TM	1,2-Dichloroethane	50.000	53.795	-7.6	114	-0.03
43	T	Isopropyl Acetate	50.000	51.982	-4.0	109	-0.03
44	TM	Trichloroethene	50.000	49.801	0.4	110	-0.03
45	C	1,2-Dichloropropane	50.000	49.090	1.8#	103	-0.03

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Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	T	Dibromomethane	50.000	50.880	-1.8	107	-0.03
47	T	Bromodichloromethane	50.000	52.003	-4.0	108	-0.03
48	T	Methyl methacrylate	50.000	52.264	-4.5	108	-0.03
49	T	1,4-Dioxane	1000.000	1491.307	-49.1#	142	-0.06
50	S	Toluene-d8	50.000	48.529	2.9	97	-0.03
51	T	4-Methyl-2-Pentanone	250.000	249.740	0.1	102	-0.04
52	CM	Toluene	50.000	48.144	3.7#	108	-0.03
53	T	t-1,3-Dichloropropene	50.000	49.402	1.2	104	-0.03
54	T	cis-1,3-Dichloropropene	50.000	52.111	-4.2	107	-0.03
55	T	1,1,2-Trichloroethane	50.000	54.339	-8.7	111	-0.03
56	T	Ethyl methacrylate	50.000	53.893	-7.8	110	-0.02
57	T	1,3-Dichloropropane	50.000	49.310	1.4	107	-0.03
58	T	2-Chloroethyl Vinyl ether	250.000	237.997	4.8	103	-0.03
59	T	2-Hexanone	250.000	269.686	-7.9	106	-0.03
60	T	Dibromochloromethane	50.000	55.182	-10.4	113	-0.03
61	T	1,2-Dibromoethane	50.000	52.148	-4.3	112	-0.04
62	S	4-Bromofluorobenzene	50.000	52.351	-4.7	108	-0.02
63	I	Chlorobenzene-d5	50.000	50.000	0.0	105	-0.03
64	T	Tetrachloroethene	50.000	48.535	2.9	111	-0.03
65	PM	Chlorobenzene	50.000	51.264	-2.5	115	-0.03
66	T	1,1,1,2-Tetrachloroethane	50.000	48.266	3.5	108	-0.02
67	C	Ethyl Benzene	50.000	49.448	1.1#	113	-0.03
68	T	m/p-Xylenes	100.000	98.941	1.1	113	-0.02
69	T	o-Xylene	50.000	49.900	0.2	113	-0.02
70	T	Styrene	50.000	48.826	2.3	111	-0.02
71	P	Bromoform	50.000	52.315	-4.6	110	-0.02
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	107	-0.02
73	T	Isopropylbenzene	50.000	50.592	-1.2	114	-0.02
74	T	N-amyl acetate	50.000	47.822	4.4	105	-0.02
75	P	1,1,2,2-Tetrachloroethane	50.000	47.308	5.4	104	-0.02
76	T	1,2,3-Trichloropropane	50.000	50.137	-0.3	113	-0.02
77	T	Bromobenzene	50.000	47.997	4.0	108	-0.02
78	T	n-propylbenzene	50.000	51.230	-2.5	118	-0.02
79	T	2-Chlorotoluene	50.000	49.559	0.9	115	-0.02
80	T	1,3,5-Trimethylbenzene	50.000	51.431	-2.9	117	-0.02
81	T	trans-1,4-Dichloro-2-butene	50.000	47.243	5.5	109	-0.02
82	T	4-Chlorotoluene	50.000	49.511	1.0	112	0.00
83	T	tert-Butylbenzene	50.000	51.935	-3.9	115	-0.02
84	T	1,2,4-Trimethylbenzene	50.000	50.769	-1.5	116	-0.02
85	T	sec-Butylbenzene	50.000	52.626	-5.3	118	-0.02
86	T	p-Isopropyltoluene	50.000	52.914	-5.8	120	-0.02
87	T	1,3-Dichlorobenzene	50.000	50.251	-0.5	114	-0.02
88	T	1,4-Dichlorobenzene	50.000	50.147	-0.3	115	-0.02
89	T	n-Butylbenzene	50.000	55.631	-11.3	124	-0.02

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	55.875	-11.8	132	0.00
91 T	1,2-Dichlorobenzene	50.000	48.853	2.3	112	-0.02
92 T	1,2-Dibromo-3-Chloropropane	50.000	51.382	-2.8	113	0.00
93 T	1,2,4-Trichlorobenzene	50.000	60.024	-20.0	135	0.00
94 T	Hexachlorobutadiene	50.000	69.920	-39.8#	164	0.00
95 T	Naphthalene	50.000	57.036	-14.1	125	0.00
96 T	1,2,3-Trichlorobenzene	50.000	59.961	-19.9	139	0.00

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