Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF031919\
Data File : VF062010.D
Acq On : 19 Mar 2019 11:04
Operator : VA/AP
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_F
LabSampleId : VSTDCCC050

Quant Time: Mar 20 05:33:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F031619S.M
Quant Title : SW846 8260
QLast Update : Mon Mar 18 07:28:40 2019
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	109	-0.03
2	T	Dichlorodifluoromethane	50.000	49.039	1.9	109	-0.01
3	P	Chloromethane	50.000	50.776	-1.6	117	0.00
4	C	Vinyl Chloride	50.000	49.122	1.8#	111	-0.01
5	T	Bromomethane	50.000	52.824	-5.6	110	0.00
6	T	Chloroethane	50.000	49.281	1.4	105	-0.01
7	T	Trichlorofluoromethane	50.000	50.130	-0.3	109	0.00
8	T	Diethyl Ether	50.000	51.012	-2.0	105	-0.01
9	T	1,1,2-Trichlorotrifluoroeth	50.000	48.411	3.2	111	-0.02
10	T	Methyl Iodide	50.000	50.639	-1.3	109	-0.02
11	T	Tert butyl alcohol	250.000	264.372	-5.7	104	-0.03
12	CM	1,1-Dichloroethene	50.000	48.377	3.2#	109	-0.02
13	T	Acrolein	250.000	199.258	20.3	96	0.00
14	T	Allyl chloride	50.000	51.969	-3.9	115	-0.02
15	T	Acrylonitrile	250.000	256.444	-2.6	110	-0.02
16	T	Acetone	250.000	297.067	-18.8	128	-0.01
17	T	Carbon Disulfide	50.000	48.718	2.6	107	-0.02
18	T	Methyl Acetate	50.000	52.212	-4.4	105	-0.02
19	T	Methyl tert-butyl Ether	50.000	47.850	4.3	101	-0.02
20	T	Methylene Chloride	50.000	49.407	1.2	114	-0.01
21	T	trans-1,2-Dichloroethene	50.000	47.458	5.1	103	-0.01
22	T	Diisopropyl ether	50.000	49.453	1.1	104	-0.02
23	T	Vinyl Acetate	250.000	249.861	0.1	105	-0.03
24	P	1,1-Dichloroethane	50.000	51.083	-2.2	109	-0.02
25	T	2-Butanone	250.000	245.675	1.7	108	-0.03
26	T	2,2-Dichloropropane	50.000	50.023	-0.0	108	-0.03
27	T	cis-1,2-Dichloroethene	50.000	49.175	1.7	105	-0.02
28	T	Bromochloromethane	50.000	48.668	2.7	103	-0.02
29		Tetrahydrofuran	250.000	238.545	4.6	101	-0.03
30	C	Chloroform	50.000	48.715	2.6#	108	-0.03
31	T	Cyclohexane	50.000	46.859	6.3	104	-0.02
32	T	1,1,1-Trichloroethane	50.000	51.325	-2.7	111	-0.03
33	S	1,2-Dichloroethane-d4	50.000	47.787	4.4	107	-0.03
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	101	-0.03
35	S	Dibromofluoromethane	50.000	49.086	1.8	104	-0.03
36	T	1,1-Dichloropropene	50.000	52.210	-4.4	103	-0.03
37	T	Ethyl Acetate	50.000	48.935	2.1	97	-0.03
38	T	Carbon Tetrachloride	50.000	55.494	-11.0	110	-0.02
39	T	Methylcyclohexane	50.000	53.249	-6.5	103	-0.03
40	TM	Benzene	50.000	52.238	-4.5	106	-0.03
41	T	Methacrylonitrile	50.000	50.564	-1.1	103	-0.03
42	TM	1,2-Dichloroethane	50.000	52.905	-5.8	106	-0.03
43	T	Isopropyl Acetate	50.000	49.752	0.5	97	-0.03
44	TM	Trichloroethene	50.000	53.090	-6.2	107	-0.03
45	C	1,2-Dichloropropane	50.000	52.781	-5.6#	102	-0.02

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

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	T	Dibromomethane	50.000	57.913	-15.8	109	-0.03
47	T	Bromodichloromethane	50.000	55.035	-10.1	109	-0.03
48	T	Methyl methacrylate	50.000	52.431	-4.9	105	-0.03
49	T	1,4-Dioxane	1000.000	1167.824	-16.8	106	-0.02
50	S	Toluene-d8	50.000	48.613	2.8	100	-0.03
51	T	4-Methyl-2-Pentanone	250.000	267.922	-7.2	103	-0.03
52	CM	Toluene	50.000	47.535	4.9#	97	-0.03
53	T	t-1,3-Dichloropropene	50.000	52.728	-5.5	102	-0.03
54	T	cis-1,3-Dichloropropene	50.000	53.844	-7.7	105	-0.03
55	T	1,1,2-Trichloroethane	50.000	53.314	-6.6	105	-0.02
56	T	Ethyl methacrylate	50.000	54.844	-9.7	107	-0.02
57	T	1,3-Dichloropropane	50.000	51.673	-3.3	97	-0.03
58	T	2-Chloroethyl Vinyl ether	250.000	209.968	16.0	82	-0.03
59	T	2-Hexanone	250.000	271.354	-8.5	107	-0.03
60	T	Dibromochloromethane	50.000	55.670	-11.3	106	-0.03
61	T	1,2-Dibromoethane	50.000	55.305	-10.6	108	-0.04
62	S	4-Bromofluorobenzene	50.000	48.404	3.2	107	-0.02
63	I	Chlorobenzene-d5	50.000	50.000	0.0	101	-0.02
64	T	Tetrachloroethene	50.000	53.695	-7.4	105	-0.03
65	PM	Chlorobenzene	50.000	51.362	-2.7	103	-0.03
66	T	1,1,1,2-Tetrachloroethane	50.000	55.174	-10.3	108	-0.03
67	C	Ethyl Benzene	50.000	52.386	-4.8#	107	-0.03
68	T	m/p-Xylenes	100.000	106.530	-6.5	109	-0.03
69	T	o-Xylene	50.000	52.707	-5.4	103	-0.03
70	T	Styrene	50.000	54.548	-9.1	110	-0.02
71	P	Bromoform	50.000	58.909	-17.8	110	-0.03
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	104	-0.02
73	T	Isopropylbenzene	50.000	53.067	-6.1	104	-0.02
74	T	N-amyl acetate	50.000	53.699	-7.4	107	-0.02
75	P	1,1,2,2-Tetrachloroethane	50.000	53.643	-7.3	107	-0.02
76	T	1,2,3-Trichloropropane	50.000	53.805	-7.6	107	-0.02
77	T	Bromobenzene	50.000	53.873	-7.7	109	-0.02
78	T	n-propylbenzene	50.000	50.534	-1.1	109	-0.02
79	T	2-Chlorotoluene	50.000	50.698	-1.4	106	-0.03
80	T	1,3,5-Trimethylbenzene	50.000	50.946	-1.9	105	-0.02
81	T	trans-1,4-Dichloro-2-butene	50.000	60.280	-20.6	110	-0.02
82	T	4-Chlorotoluene	50.000	50.887	-1.8	103	-0.02
83	T	tert-Butylbenzene	50.000	51.940	-3.9	105	-0.02
84	T	1,2,4-Trimethylbenzene	50.000	51.786	-3.6	107	-0.02
85	T	sec-Butylbenzene	50.000	51.621	-3.2	109	-0.02
86	T	p-Isopropyltoluene	50.000	50.639	-1.3	103	-0.02
87	T	1,3-Dichlorobenzene	50.000	50.450	-0.9	105	-0.02
88	T	1,4-Dichlorobenzene	50.000	51.729	-3.5	106	-0.02
89	T	n-Butylbenzene	50.000	53.497	-7.0	108	-0.02

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

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	56.195	-12.4	109	-0.02
91 T	1,2-Dichlorobenzene	50.000	52.348	-4.7	109	-0.02
92 T	1,2-Dibromo-3-Chloropropane	50.000	53.824	-7.6	103	-0.02
93 T	1,2,4-Trichlorobenzene	50.000	53.966	-7.9	110	-0.02
94 T	Hexachlorobutadiene	50.000	52.452	-4.9	104	-0.02
95 T	Naphthalene	50.000	55.085	-10.2	107	-0.02
96 T	1,2,3-Trichlorobenzene	50.000	55.275	-10.5	108	-0.02

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