Evaluate Continuing Calibration Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD073019\
Data File : VD063231.D
Acq On : 30 Jul 2019 10:09
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: Jul 31 04:52:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072919S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:04:50 2019
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	102	0.01
2	T	Dichlorodifluoromethane	50.000	51.138	-2.3	116	0.01
3	P	Chloromethane	50.000	50.241	-0.5	114	0.01
4	C	Vinyl Chloride	50.000	51.246	-2.5#	109	0.01
5	T	Bromomethane	50.000	52.207	-4.4	107	0.01
6	T	Chloroethane	50.000	52.816	-5.6	112	0.01
7	T	Trichlorofluoromethane	50.000	54.740	-9.5	114	0.01
8	T	Diethyl Ether	50.000	52.475	-5.0	116	0.01
9	T	1,1,2-Trichlorotrifluoroeth	50.000	53.896	-7.8	124	0.00
10	T	Methyl Iodide	50.000	53.029	-6.1	104	0.01
11	T	Tert butyl alcohol	250.000	208.252	16.7	98	0.02
12	CM	1,1-Dichloroethene	50.000	58.442	-16.9#	129	0.02
13	T	Acrolein	250.000	232.915	6.8	109	0.00
14	T	Allyl chloride	50.000	52.855	-5.7	109	0.02
15	T	Acrylonitrile	250.000	249.168	0.3	113	0.01
16	T	Acetone	250.000	292.813	-17.1	123	0.01
17	T	Carbon Disulfide	50.000	52.193	-4.4	110	0.01
18	T	Methyl Acetate	50.000	46.713	6.6	110	0.01
19	T	Methyl tert-butyl Ether	50.000	51.637	-3.3	112	0.01
20	T	Methylene Chloride	50.000	49.739	0.5	109	0.01
21	T	trans-1,2-Dichloroethene	50.000	52.679	-5.4	115	0.02
22	T	Diisopropyl ether	50.000	52.077	-4.2	110	0.02
23	T	Vinyl Acetate	250.000	264.969	-6.0	111	0.01
24	P	1,1-Dichloroethane	50.000	50.375	-0.8	107	0.01
25	T	2-Butanone	250.000	272.114	-8.8	113	0.01
26	T	2,2-Dichloropropane	50.000	54.827	-9.7	112	0.01
27	T	cis-1,2-Dichloroethene	50.000	51.428	-2.9	105	0.01
28	T	Bromochloromethane	50.000	47.856	4.3	100	0.01
29		Tetrahydrofuran	250.000	235.421	5.8	102	0.01
30	C	Chloroform	50.000	50.329	-0.7#	108	0.01
31	T	Cyclohexane	50.000	53.132	-6.3	116	0.01
32	T	1,1,1-Trichloroethane	50.000	53.889	-7.8	114	0.01
33	S	1,2-Dichloroethane-d4	50.000	53.739	-7.5	105	0.01
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	102	0.01
35	S	Dibromofluoromethane	50.000	57.818	-15.6	117	0.01
36	T	1,1-Dichloropropene	50.000	53.362	-6.7	107	0.01
37	T	Ethyl Acetate	50.000	50.556	-1.1	118	0.01
38	T	Carbon Tetrachloride	50.000	58.009	-16.0	112	0.01
39	T	Methylcyclohexane	50.000	51.488	-3.0	105	0.01
40	TM	Benzene	50.000	52.387	-4.8	103	0.01
41	T	Methacrylonitrile	50.000	48.419	3.2	101	0.00
42	TM	1,2-Dichloroethane	50.000	53.154	-6.3	109	0.01
43	T	Isopropyl Acetate	50.000	52.334	-4.7	110	0.01
44	TM	Trichloroethene	50.000	51.510	-3.0	106	0.01
45	C	1,2-Dichloropropane	50.000	50.953	-1.9#	105	0.01

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

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	T	Dibromomethane	50.000	53.750	-7.5	112	0.01
47	T	Bromodichloromethane	50.000	53.558	-7.1	110	0.00
48	T	Methyl methacrylate	50.000	54.360	-8.7	108	0.01
49	T	1,4-Dioxane	1000.000	990.586	0.9	102	0.00
50	S	Toluene-d8	50.000	58.217	-16.4	111	0.01
51	T	4-Methyl-2-Pentanone	250.000	252.791	-1.1	105	0.00
52	CM	Toluene	50.000	53.198	-6.4#	114	0.01
53	T	t-1,3-Dichloropropene	50.000	54.396	-8.8	109	0.01
54	T	cis-1,3-Dichloropropene	50.000	54.884	-9.8	110	0.01
55	T	1,1,2-Trichloroethane	50.000	53.617	-7.2	113	0.01
56	T	Ethyl methacrylate	50.000	52.727	-5.5	106	0.01
57	T	1,3-Dichloropropane	50.000	53.660	-7.3	108	0.01
58	T	2-Chloroethyl Vinyl ether	250.000	266.932	-6.8	109	0.00
59	T	2-Hexanone	250.000	276.184	-10.5	121	0.00
60	T	Dibromochloromethane	50.000	53.689	-7.4	107	0.00
61	T	1,2-Dibromoethane	50.000	53.520	-7.0	112	0.00
62	S	4-Bromofluorobenzene	50.000	55.078	-10.2	114	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	98	0.00
64	T	Tetrachloroethene	50.000	51.055	-2.1	110	0.00
65	PM	Chlorobenzene	50.000	52.433	-4.9	104	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	55.458	-10.9	112	0.00
67	C	Ethyl Benzene	50.000	55.717	-11.4#	114	0.00
68	T	m/p-Xylenes	100.000	106.747	-6.7	110	0.01
69	T	o-Xylene	50.000	51.315	-2.6	110	0.01
70	T	Styrene	50.000	49.862	0.3	100	0.00
71	P	Bromoform	50.000	55.788	-11.6	113	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	101	0.00
73	T	Isopropylbenzene	50.000	56.191	-12.4	114	0.01
74	T	N-amyl acetate	50.000	53.396	-6.8	109	0.01
75	P	1,1,2,2-Tetrachloroethane	50.000	55.122	-10.2	113	0.01
76	T	1,2,3-Trichloropropane	50.000	52.050	-4.1	103	0.00
77	T	Bromobenzene	50.000	50.009	-0.0	105	0.01
78	T	n-propylbenzene	50.000	54.007	-8.0	108	0.00
79	T	2-Chlorotoluene	50.000	53.090	-6.2	111	0.00
80	T	1,3,5-Trimethylbenzene	50.000	52.201	-4.4	114	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	49.460	1.1	99	0.01
82	T	4-Chlorotoluene	50.000	52.719	-5.4	114	0.00
83	T	tert-Butylbenzene	50.000	53.055	-6.1	111	0.00
84	T	1,2,4-Trimethylbenzene	50.000	54.270	-8.5	110	0.00
85	T	sec-Butylbenzene	50.000	54.740	-9.5	116	0.00
86	T	p-Isopropyltoluene	50.000	45.728	8.5	98	0.00
87	T	1,3-Dichlorobenzene	50.000	53.679	-7.4	114	0.00
88	T	1,4-Dichlorobenzene	50.000	48.799	2.4	101	0.00
89	T	n-Butylbenzene	50.000	52.410	-4.8	107	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	53.327	-6.7	114	0.00
91 T	1,2-Dichlorobenzene	50.000	50.948	-1.9	103	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	51.727	-3.5	132	0.00
93 T	1,2,4-Trichlorobenzene	50.000	50.337	-0.7	107	0.00
94 T	Hexachlorobutadiene	50.000	53.219	-6.4	109	0.00
95 T	Naphthalene	50.000	51.082	-2.2	107	0.00
96 T	1,2,3-Trichlorobenzene	50.000	52.177	-4.4	113	0.00

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