Evaluate Continuing Calibration Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081219\
Data File : VD063478.D
Acq On : 12 Aug 2019 10:43
Operator : JC/SY
Sample : VSTDCCC050
Misc : 5.00g/5ml/MSVOA D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_D
LabSampleId : VSTDCCC050

Quant Time: Aug 12 12:11:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 10 06:42:47 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	114	-0.03
2	T	Dichlorodifluoromethane	50.000	45.891	8.2	106	-0.01
3	P	Chloromethane	50.000	45.670	8.7	111	0.00
4	C	Vinyl Chloride	50.000	48.374	3.3#	108	-0.01
5	T	Bromomethane	50.000	48.335	3.3	103	-0.01
6	T	Chloroethane	50.000	54.774	-9.5	121	-0.01
7	T	Trichlorofluoromethane	50.000	50.123	-0.2	110	-0.01
8	T	Diethyl Ether	50.000	48.259	3.5	110	-0.01
9	T	1,1,2-Trichlorotrifluoroeth	50.000	49.321	1.4	112	-0.02
10	T	Methyl Iodide	50.000	49.339	1.3	107	-0.02
11	T	Tert butyl alcohol	250.000	278.780	-11.5	124	-0.02
12	CM	1,1-Dichloroethene	50.000	48.779	2.4#	104	-0.01
13	T	Acrolein	250.000	306.480	-22.6#	152	-0.02
14	T	Allyl chloride	50.000	49.940	0.1	114	-0.02
15	T	Acrylonitrile	250.000	250.455	-0.2	111	-0.02
16	T	Acetone	250.000	301.690	-20.7#	123	-0.02
17	T	Carbon Disulfide	50.000	48.286	3.4	111	-0.02
18	T	Methyl Acetate	50.000	44.573	10.9	110	-0.01
19	T	Methyl tert-butyl Ether	50.000	54.784	-9.6	122	-0.02
20	T	Methylene Chloride	50.000	41.472	17.1	100	-0.02
21	T	trans-1,2-Dichloroethene	50.000	52.376	-4.8	113	-0.02
22	T	Diisopropyl ether	50.000	47.111	5.8	106	-0.02
23	T	Vinyl Acetate	250.000	251.283	-0.5	113	-0.03
24	P	1,1-Dichloroethane	50.000	47.278	5.4	107	-0.03
25	T	2-Butanone	250.000	266.957	-6.8	118	-0.03
26	T	2,2-Dichloropropane	50.000	53.335	-6.7	120	-0.03
27	T	cis-1,2-Dichloroethene	50.000	47.971	4.1	107	-0.02
28	T	Bromochloromethane	50.000	46.582	6.8	103	-0.02
29		Tetrahydrofuran	250.000	235.591	5.8	105	-0.02
30	C	Chloroform	50.000	47.898	4.2#	109	-0.02
31	T	Cyclohexane	50.000	51.185	-2.4	111	-0.02
32	T	1,1,1-Trichloroethane	50.000	49.387	1.2	110	-0.02
33	S	1,2-Dichloroethane-d4	50.000	49.094	1.8	98	-0.02
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	111	-0.02
35	S	Dibromofluoromethane	50.000	52.447	-4.9	98	-0.02
36	T	1,1-Dichloropropene	50.000	53.885	-7.8	113	-0.02
37	T	Ethyl Acetate	50.000	51.724	-3.4	110	-0.03
38	T	Carbon Tetrachloride	50.000	56.932	-13.9	111	-0.02
39	T	Methylcyclohexane	50.000	55.620	-11.2	111	-0.02
40	TM	Benzene	50.000	49.956	0.1	103	-0.02
41	T	Methacrylonitrile	50.000	52.930	-5.9	110	-0.02
42	TM	1,2-Dichloroethane	50.000	52.857	-5.7	110	-0.02
43	T	Isopropyl Acetate	50.000	55.326	-10.7	117	-0.02
44	TM	Trichloroethene	50.000	52.740	-5.5	117	-0.02
45	C	1,2-Dichloropropane	50.000	53.942	-7.9#	116	-0.02

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

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	T	Dibromomethane	50.000	49.632	0.7	102	-0.01
47	T	Bromodichloromethane	50.000	52.535	-5.1	113	-0.02
48	T	Methyl methacrylate	50.000	49.541	0.9	105	-0.01
49	T	1,4-Dioxane	1000.000	982.444	1.8	105	-0.03
50	S	Toluene-d8	50.000	50.854	-1.7	92	-0.01
51	T	4-Methyl-2-Pentanone	250.000	266.881	-6.8	118	-0.02
52	CM	Toluene	50.000	50.568	-1.1#	112	-0.02
53	T	t-1,3-Dichloropropene	50.000	54.410	-8.8	113	-0.01
54	T	cis-1,3-Dichloropropene	50.000	51.921	-3.8	107	-0.02
55	T	1,1,2-Trichloroethane	50.000	51.501	-3.0	111	-0.02
56	T	Ethyl methacrylate	50.000	52.735	-5.5	108	-0.02
57	T	1,3-Dichloropropane	50.000	52.799	-5.6	112	-0.02
58	T	2-Chloroethyl Vinyl ether	250.000	276.732	-10.7	106	-0.02
59	T	2-Hexanone	250.000	292.938	-17.2	116	-0.01
60	T	Dibromochloromethane	50.000	54.284	-8.6	114	-0.02
61	T	1,2-Dibromoethane	50.000	50.589	-1.2	109	-0.02
62	S	4-Bromofluorobenzene	50.000	53.908	-7.8	110	-0.01
63	I	Chlorobenzene-d5	50.000	50.000	0.0	105	-0.01
64	T	Tetrachloroethene	50.000	53.862	-7.7	111	-0.02
65	PM	Chlorobenzene	50.000	50.688	-1.4	105	-0.01
66	T	1,1,1,2-Tetrachloroethane	50.000	51.663	-3.3	107	-0.01
67	C	Ethyl Benzene	50.000	50.545	-1.1#	104	-0.02
68	T	m/p-Xylenes	100.000	102.400	-2.4	108	-0.02
69	T	o-Xylene	50.000	51.088	-2.2	105	-0.01
70	T	Styrene	50.000	49.750	0.5	105	-0.01
71	P	Bromoform	50.000	54.669	-9.3	110	-0.01
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	104	-0.01
73	T	Isopropylbenzene	50.000	53.454	-6.9	105	-0.01
74	T	N-amyl acetate	50.000	54.633	-9.3	108	-0.01
75	P	1,1,2,2-Tetrachloroethane	50.000	54.917	-9.8	110	-0.01
76	T	1,2,3-Trichloropropane	50.000	56.595	-13.2	113	-0.01
77	T	Bromobenzene	50.000	54.067	-8.1	111	-0.01
78	T	n-propylbenzene	50.000	48.962	2.1	101	-0.01
79	T	2-Chlorotoluene	50.000	50.556	-1.1	105	-0.01
80	T	1,3,5-Trimethylbenzene	50.000	53.021	-6.0	107	-0.01
81	T	trans-1,4-Dichloro-2-butene	50.000	56.430	-12.9	113	-0.01
82	T	4-Chlorotoluene	50.000	51.163	-2.3	104	-0.01
83	T	tert-Butylbenzene	50.000	55.137	-10.3	112	-0.01
84	T	1,2,4-Trimethylbenzene	50.000	54.848	-9.7	109	-0.01
85	T	sec-Butylbenzene	50.000	53.356	-6.7	114	-0.01
86	T	p-Isopropyltoluene	50.000	55.271	-10.5	109	-0.01
87	T	1,3-Dichlorobenzene	50.000	53.720	-7.4	111	-0.01
88	T	1,4-Dichlorobenzene	50.000	50.336	-0.7	103	-0.01
89	T	n-Butylbenzene	50.000	55.335	-10.7	117	-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	54.556	-9.1	112	-0.01
91 T	1,2-Dichlorobenzene	50.000	54.536	-9.1	113	-0.01
92 T	1,2-Dibromo-3-Chloropropane	50.000	51.017	-2.0	106	-0.01
93 T	1,2,4-Trichlorobenzene	50.000	54.364	-8.7	106	-0.01
94 T	Hexachlorobutadiene	50.000	49.744	0.5	99	0.00
95 T	Naphthalene	50.000	51.948	-3.9	107	-0.01
96 T	1,2,3-Trichlorobenzene	50.000	54.250	-8.5	112	-0.01

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