Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD080219\
Data File : VD063331.D
Acq On : 2 Aug 2019 22:45
Operator : VA/AP
Sample : VSTDCCC050
Misc : 5.00g/5ml/MSVOA D/SOIL
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_D
LabSampleId : VSTDCCC050

Quant Time: Aug 02 23:30:44 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	97	0.00
2	T	Dichlorodifluoromethane	50.000	45.829	8.3	98	0.00
3	P	Chloromethane	50.000	50.517	-1.0	108	0.00
4	C	Vinyl Chloride	50.000	46.922	6.2#	94	0.00
5	T	Bromomethane	50.000	48.347	3.3	94	0.00
6	T	Chloroethane	50.000	51.169	-2.3	102	0.00
7	T	Trichlorofluoromethane	50.000	50.085	-0.2	98	0.00
8	T	Diethyl Ether	50.000	54.950	-9.9	114	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	50.718	-1.4	110	0.00
10	T	Methyl Iodide	50.000	52.417	-4.8	96	0.00
11	T	Tert butyl alcohol	250.000	287.588	-15.0	128	0.00
12	CM	1,1-Dichloroethene	50.000	49.562	0.9#	103	0.00
13	T	Acrolein	250.000	251.160	-0.5	110	0.00
14	T	Allyl chloride	50.000	51.948	-3.9	101	0.00
15	T	Acrylonitrile	250.000	288.753	-15.5	124	0.00
16	T	Acetone	250.000	266.794	-6.7	105	0.00
17	T	Carbon Disulfide	50.000	49.964	0.1	99	0.00
18	T	Methyl Acetate	50.000	64.530	-29.1#	143	0.00
19	T	Methyl tert-butyl Ether	50.000	57.705	-15.4	118	0.00
20	T	Methylene Chloride	50.000	54.063	-8.1	111	0.00
21	T	trans-1,2-Dichloroethene	50.000	53.824	-7.6	111	0.00
22	T	Diisopropyl ether	50.000	55.646	-11.3	111	0.00
23	T	Vinyl Acetate	250.000	273.051	-9.2	108	0.00
24	P	1,1-Dichloroethane	50.000	54.923	-9.8	110	0.00
25	T	2-Butanone	250.000	282.001	-12.8	111	0.00
26	T	2,2-Dichloropropane	50.000	49.877	0.2	96	0.00
27	T	cis-1,2-Dichloroethene	50.000	55.702	-11.4	107	0.00
28	T	Bromochloromethane	50.000	57.535	-15.1	114	0.00
29		Tetrahydrofuran	250.000	315.096	-26.0#	129	0.00
30	C	Chloroform	50.000	56.040	-12.1#	113	0.00
31	T	Cyclohexane	50.000	53.385	-6.8	110	0.00
32	T	1,1,1-Trichloroethane	50.000	51.459	-2.9	102	0.00
33	S	1,2-Dichloroethane-d4	50.000	48.833	2.3	90	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	101	0.00
35	S	Dibromofluoromethane	50.000	47.725	4.5	96	0.00
36	T	1,1-Dichloropropene	50.000	51.798	-3.6	103	0.00
37	T	Ethyl Acetate	50.000	54.072	-8.1	126	0.00
38	T	Carbon Tetrachloride	50.000	54.217	-8.4	104	0.00
39	T	Methylcyclohexane	50.000	47.409	5.2	96	0.00
40	TM	Benzene	50.000	51.946	-3.9	102	0.00
41	T	Methacrylonitrile	50.000	58.538	-17.1	122	0.00
42	TM	1,2-Dichloroethane	50.000	52.405	-4.8	107	0.00
43	T	Isopropyl Acetate	50.000	55.951	-11.9	118	0.00
44	TM	Trichloroethene	50.000	50.862	-1.7	104	0.00
45	C	1,2-Dichloropropane	50.000	51.160	-2.3#	106	0.00

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

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	T	Dibromomethane	50.000	53.156	-6.3	110	0.00
47	T	Bromodichloromethane	50.000	57.243	-14.5	117	0.00
48	T	Methyl methacrylate	50.000	56.407	-12.8	112	0.00
49	T	1,4-Dioxane	1000.000	1065.603	-6.6	109	0.00
50	S	Toluene-d8	50.000	46.764	6.5	89	0.00
51	T	4-Methyl-2-Pentanone	250.000	280.226	-12.1	116	0.00
52	CM	Toluene	50.000	53.409	-6.8#	114	0.00
53	T	t-1,3-Dichloropropene	50.000	53.233	-6.5	106	0.00
54	T	cis-1,3-Dichloropropene	50.000	56.367	-12.7	112	0.00
55	T	1,1,2-Trichloroethane	50.000	52.836	-5.7	111	0.00
56	T	Ethyl methacrylate	50.000	56.962	-13.9	114	0.00
57	T	1,3-Dichloropropane	50.000	52.945	-5.9	106	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	277.841	-11.1	113	0.00
59	T	2-Hexanone	250.000	289.395	-15.8	126	0.00
60	T	Dibromochloromethane	50.000	55.258	-10.5	110	0.00
61	T	1,2-Dibromoethane	50.000	54.435	-8.9	113	0.00
62	S	4-Bromofluorobenzene	50.000	45.139	9.7	93	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	93	0.00
64	T	Tetrachloroethene	50.000	54.738	-9.5	111	0.00
65	PM	Chlorobenzene	50.000	51.806	-3.6	97	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	58.620	-17.2	112	0.00
67	C	Ethyl Benzene	50.000	55.388	-10.8#	107	0.00
68	T	m/p-Xylenes	100.000	107.243	-7.2	104	0.00
69	T	o-Xylene	50.000	57.149	-14.3	116	0.00
70	T	Styrene	50.000	55.971	-11.9	106	0.00
71	P	Bromoform	50.000	57.206	-14.4	109	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	99	0.00
73	T	Isopropylbenzene	50.000	55.414	-10.8	111	0.00
74	T	N-amyl acetate	50.000	56.746	-13.5	114	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	57.745	-15.5	116	0.00
76	T	1,2,3-Trichloropropane	50.000	54.511	-9.0	106	0.00
77	T	Bromobenzene	50.000	54.406	-8.8	112	0.00
78	T	n-propylbenzene	50.000	49.892	0.2	98	0.00
79	T	2-Chlorotoluene	50.000	50.163	-0.3	103	0.00
80	T	1,3,5-Trimethylbenzene	50.000	50.709	-1.4	108	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	50.625	-1.3	99	0.00
82	T	4-Chlorotoluene	50.000	53.082	-6.2	113	0.00
83	T	tert-Butylbenzene	50.000	50.147	-0.3	103	0.00
84	T	1,2,4-Trimethylbenzene	50.000	49.822	0.4	100	0.00
85	T	sec-Butylbenzene	50.000	48.173	3.7	100	0.00
86	T	p-Isopropyltoluene	50.000	48.915	2.2	103	0.00
87	T	1,3-Dichlorobenzene	50.000	50.679	-1.4	106	0.00
88	T	1,4-Dichlorobenzene	50.000	51.674	-3.3	105	0.00
89	T	n-Butylbenzene	50.000	51.170	-2.3	102	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	50.721	-1.4	107	0.00
91 T	1,2-Dichlorobenzene	50.000	51.605	-3.2	102	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	55.637	-11.3	139	0.00
93 T	1,2,4-Trichlorobenzene	50.000	48.815	2.4	102	0.00
94 T	Hexachlorobutadiene	50.000	51.081	-2.2	103	0.00
95 T	Naphthalene	50.000	55.851	-11.7	115	0.00
96 T	1,2,3-Trichlorobenzene	50.000	49.339	1.3	105	0.00

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