Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD080219\
Data File : VD063351.D
Acq On : 3 Aug 2019 8:42
Operator : VA/AP
Sample : VSTDCCC050
Misc : 5.00g/5ml/MSVOA D/SOIL
ALS Vial : 50 Sample Multiplier: 1

Instrument : MSVOA_D
LabSampleId : VSTDCCC050

Quant Time: Aug 04 03:46:34 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	83	0.00
2	T	Dichlorodifluoromethane	50.000	49.529	0.9	91	0.00
3	P	Chloromethane	50.000	50.881	-1.8	93	0.00
4	C	Vinyl Chloride	50.000	51.526	-3.1#	89	0.00
5	T	Bromomethane	50.000	56.506	-13.0	94	0.00
6	T	Chloroethane	50.000	51.778	-3.6	89	0.00
7	T	Trichlorofluoromethane	50.000	54.562	-9.1	92	0.00
8	T	Diethyl Ether	50.000	52.528	-5.1	94	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	57.463	-14.9	107	0.00
10	T	Methyl Iodide	50.000	54.259	-8.5	86	0.01
11	T	Tert butyl alcohol	250.000	261.453	-4.6	100	0.01
12	CM	1,1-Dichloroethene	50.000	55.291	-10.6#	99	0.01
13	T	Acrolein	250.000	194.368	22.3#	74	0.00
14	T	Allyl chloride	50.000	53.739	-7.5	90	0.01
15	T	Acrylonitrile	250.000	286.484	-14.6	106	0.01
16	T	Acetone	250.000	247.358	1.1	84	0.00
17	T	Carbon Disulfide	50.000	49.102	1.8	84	0.00
18	T	Methyl Acetate	50.000	65.795	-31.6#	125	0.00
19	T	Methyl tert-butyl Ether	50.000	57.333	-14.7	101	0.00
20	T	Methylene Chloride	50.000	52.135	-4.3	93	0.01
21	T	trans-1,2-Dichloroethene	50.000	54.174	-8.3	96	0.00
22	T	Diisopropyl ether	50.000	56.659	-13.3	97	0.01
23	T	Vinyl Acetate	250.000	272.159	-8.9	92	0.00
24	P	1,1-Dichloroethane	50.000	59.327	-18.7	102	0.01
25	T	2-Butanone	250.000	281.815	-12.7	95	0.00
26	T	2,2-Dichloropropane	50.000	50.530	-1.1	84	0.00
27	T	cis-1,2-Dichloroethene	50.000	58.609	-17.2	97	0.01
28	T	Bromochloromethane	50.000	56.189	-12.4	96	0.00
29		Tetrahydrofuran	250.000	271.885	-8.8	96	0.01
30	C	Chloroform	50.000	60.349	-20.7#	105	0.00
31	T	Cyclohexane	50.000	49.334	1.3	87	0.00
32	T	1,1,1-Trichloroethane	50.000	60.095	-20.2#	103	0.00
33	S	1,2-Dichloroethane-d4	50.000	56.187	-12.4	89	0.01
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	83	0.00
35	S	Dibromofluoromethane	50.000	55.796	-11.6	92	0.01
36	T	1,1-Dichloropropene	50.000	55.281	-10.6	90	0.00
37	T	Ethyl Acetate	50.000	54.013	-8.0	103	0.01
38	T	Carbon Tetrachloride	50.000	60.650	-21.3#	96	0.01
39	T	Methylcyclohexane	50.000	53.702	-7.4	89	0.00
40	TM	Benzene	50.000	57.857	-15.7	93	0.01
41	T	Methacrylonitrile	50.000	60.706	-21.4#	104	0.00
42	TM	1,2-Dichloroethane	50.000	61.157	-22.3#	103	0.00
43	T	Isopropyl Acetate	50.000	58.389	-16.8	101	0.00
44	TM	Trichloroethene	50.000	56.098	-12.2	94	0.00
45	C	1,2-Dichloropropane	50.000	53.327	-6.7#	90	0.01

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Quant Time: Aug 04 03:46:34 2019
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Quant Title : SW846 8260
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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)
46	T	Dibromomethane	50.000	59.526	-19.1	101	0.00
47	T	Bromodichloromethane	50.000	59.653	-19.3	100	0.00
48	T	Methyl methacrylate	50.000	62.096	-24.2#	101	0.00
49	T	1,4-Dioxane	1000.000	1207.240	-20.7#	101	0.00
50	S	Toluene-d8	50.000	57.763	-15.5	90	0.00
51	T	4-Methyl-2-Pentanone	250.000	310.993	-24.4#	106	0.00
52	CM	Toluene	50.000	58.601	-17.2#	103	0.00
53	T	t-1,3-Dichloropropene	50.000	55.064	-10.1	90	0.00
54	T	cis-1,3-Dichloropropene	50.000	56.457	-12.9	92	0.00
55	T	1,1,2-Trichloroethane	50.000	62.099	-24.2#	107	0.00
56	T	Ethyl methacrylate	50.000	65.454	-30.9#	107	0.00
57	T	1,3-Dichloropropane	50.000	62.297	-24.6#	102	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	242.045	3.2	81	0.00
59	T	2-Hexanone	250.000	301.212	-20.5#	107	0.00
60	T	Dibromochloromethane	50.000	61.790	-23.6#	101	0.00
61	T	1,2-Dibromoethane	50.000	63.043	-26.1#	107	0.00
62	S	4-Bromofluorobenzene	50.000	53.496	-7.0	90	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	85	0.00
64	T	Tetrachloroethene	50.000	62.986	-26.0#	117	0.00
65	PM	Chlorobenzene	50.000	53.791	-7.6	92	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	60.304	-20.6#	106	0.00
67	C	Ethyl Benzene	50.000	57.851	-15.7#	103	0.00
68	T	m/p-Xylenes	100.000	106.957	-7.0	95	0.00
69	T	o-Xylene	50.000	60.604	-21.2#	113	0.00
70	T	Styrene	50.000	58.225	-16.5	101	0.00
71	P	Bromoform	50.000	60.880	-21.8#	107	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	93	0.00
73	T	Isopropylbenzene	50.000	55.294	-10.6	104	0.00
74	T	N-amyl acetate	50.000	50.866	-1.7	97	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	56.216	-12.4	107	0.00
76	T	1,2,3-Trichloropropane	50.000	55.011	-10.0	101	0.00
77	T	Bromobenzene	50.000	54.690	-9.4	107	0.00
78	T	n-propylbenzene	50.000	53.056	-6.1	99	0.00
79	T	2-Chlorotoluene	50.000	51.684	-3.4	100	0.00
80	T	1,3,5-Trimethylbenzene	50.000	51.741	-3.5	104	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	49.761	0.5	92	0.00
82	T	4-Chlorotoluene	50.000	54.243	-8.5	109	0.00
83	T	tert-Butylbenzene	50.000	48.487	3.0	94	0.00
84	T	1,2,4-Trimethylbenzene	50.000	51.500	-3.0	97	0.00
85	T	sec-Butylbenzene	50.000	52.620	-5.2	104	0.00
86	T	p-Isopropyltoluene	50.000	49.872	0.3	99	0.00
87	T	1,3-Dichlorobenzene	50.000	52.868	-5.7	105	0.00
88	T	1,4-Dichlorobenzene	50.000	52.720	-5.4	101	0.00
89	T	n-Butylbenzene	50.000	55.166	-10.3	104	0.00

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

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	51.380	-2.8	102	0.00
91 T	1,2-Dichlorobenzene	50.000	57.405	-14.8	107	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	56.043	-12.1	132	0.00
93 T	1,2,4-Trichlorobenzene	50.000	49.261	1.5	97	0.00
94 T	Hexachlorobutadiene	50.000	49.794	0.4	95	0.00
95 T	Naphthalene	50.000	54.264	-8.5	106	0.00
96 T	1,2,3-Trichlorobenzene	50.000	52.593	-5.2	105	0.00

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