Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD121718\
Data File : VD060591.D
Acq On : 17 Dec 2018 10:58
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: Dec 18 13:01:22 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D120518S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 06 01:49:20 2018
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	101	0.01
2	T	Dichlorodifluoromethane	50.000	52.186	-4.4	102	0.02
3	P	Chloromethane	50.000	49.058	1.9	110	0.01
4	C	Vinyl Chloride	50.000	52.182	-4.4#	111	0.02
5	T	Bromomethane	50.000	53.287	-6.6	93	0.01
6	T	Chloroethane	50.000	52.986	-6.0	104	0.01
7	T	Trichlorofluoromethane	50.000	55.243	-10.5	108	0.02
8	T	Diethyl Ether	50.000	54.433	-8.9	105	0.02
9	T	1,1,2-Trichlorotrifluoroeth	50.000	53.895	-7.8	111	0.02
10	T	Methyl Iodide	50.000	52.568	-5.1	102	0.02
11	T	Tert butyl alcohol	250.000	253.959	-1.6	92	0.02
12	CM	1,1-Dichloroethene	50.000	53.631	-7.3#	110	0.02
13	T	Acrolein	250.000	231.100	7.6	96	0.02
14	T	Allyl chloride	50.000	52.548	-5.1	104	0.02
15	T	Acrylonitrile	250.000	265.175	-6.1	102	0.02
16	T	Acetone	250.000	291.384	-16.6	113	0.02
17	T	Carbon Disulfide	50.000	51.503	-3.0	106	0.02
18	T	Methyl Acetate	50.000	51.579	-3.2	106	0.01
19	T	Methyl tert-butyl Ether	50.000	54.165	-8.3	103	0.02
20	T	Methylene Chloride	50.000	54.043	-8.1	103	0.02
21	T	trans-1,2-Dichloroethene	50.000	54.156	-8.3	106	0.02
22	T	Diisopropyl ether	50.000	53.161	-6.3	103	0.02
23	T	Vinyl Acetate	250.000	269.203	-7.7	102	0.02
24	P	1,1-Dichloroethane	50.000	53.818	-7.6	105	0.02
25	T	2-Butanone	250.000	287.043	-14.8	107	0.02
26	T	2,2-Dichloropropane	50.000	57.710	-15.4	116	0.03
27	T	cis-1,2-Dichloroethene	50.000	55.311	-10.6	108	0.02
28	T	Bromochloromethane	50.000	48.368	3.3	97	0.02
29		Tetrahydrofuran	250.000	268.093	-7.2	102	0.02
30	C	Chloroform	50.000	55.504	-11.0#	108	0.02
31	T	Cyclohexane	50.000	57.679	-15.4	108	0.03
32	T	1,1,1-Trichloroethane	50.000	55.679	-11.4	107	0.02
33	S	1,2-Dichloroethane-d4	50.000	48.445	3.1	95	0.02
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	101	0.01
35	S	Dibromofluoromethane	50.000	49.522	1.0	97	0.02
36	T	1,1-Dichloropropene	50.000	54.067	-8.1	107	0.02
37	T	Ethyl Acetate	50.000	54.433	-8.9	100	0.03
38	T	Carbon Tetrachloride	50.000	54.834	-9.7	107	0.02
39	T	Methylcyclohexane	50.000	54.557	-9.1	107	0.02
40	TM	Benzene	50.000	55.926	-11.9	109	0.02
41	T	Methacrylonitrile	50.000	62.448	-24.9#	130	0.03
42	TM	1,2-Dichloroethane	50.000	54.363	-8.7	106	0.02
43	T	Isopropyl Acetate	50.000	54.936	-9.9	103	0.02
44	TM	Trichloroethene	50.000	56.597	-13.2	108	0.02
45	C	1,2-Dichloropropane	50.000	55.133	-10.3#	106	0.01

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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	54.349	-8.7	102	0.02
47	T	Bromodichloromethane	50.000	56.712	-13.4	107	0.02
48	T	Methyl methacrylate	50.000	54.956	-9.9	99	0.02
49	T	1,4-Dioxane	1000.000	1099.386	-9.9	97	0.02
50	S	Toluene-d8	50.000	49.148	1.7	94	0.02
51	T	4-Methyl-2-Pentanone	250.000	280.823	-12.3	104	0.02
52	CM	Toluene	50.000	54.859	-9.7#	106	0.02
53	T	t-1,3-Dichloropropene	50.000	57.787	-15.6	109	0.02
54	T	cis-1,3-Dichloropropene	50.000	56.619	-13.2	107	0.02
55	T	1,1,2-Trichloroethane	50.000	52.018	-4.0	102	0.01
56	T	Ethyl methacrylate	50.000	57.799	-15.6	103	0.02
57	T	1,3-Dichloropropane	50.000	54.956	-9.9	106	0.01
58	T	2-Chloroethyl Vinyl ether	250.000	262.587	-5.0	102	0.02
59	T	2-Hexanone	250.000	298.269	-19.3	107	0.01
60	T	Dibromochloromethane	50.000	57.818	-15.6	106	0.01
61	T	1,2-Dibromoethane	50.000	54.154	-8.3	100	0.01
62	S	4-Bromofluorobenzene	50.000	47.943	4.1	94	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	103	0.02
64	T	Tetrachloroethene	50.000	54.671	-9.3	107	0.01
65	PM	Chlorobenzene	50.000	54.905	-9.8	110	0.02
66	T	1,1,1,2-Tetrachloroethane	50.000	55.139	-10.3	109	0.01
67	C	Ethyl Benzene	50.000	53.298	-6.6#	108	0.01
68	T	m/p-Xylenes	100.000	105.279	-5.3	104	0.01
69	T	o-Xylene	50.000	53.158	-6.3	104	0.01
70	T	Styrene	50.000	53.312	-6.6	103	0.01
71	P	Bromoform	50.000	56.513	-13.0	103	0.01
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	103	0.00
73	T	Isopropylbenzene	50.000	51.355	-2.7	104	0.01
74	T	N-amyl acetate	50.000	54.190	-8.4	99	0.01
75	P	1,1,2,2-Tetrachloroethane	50.000	53.820	-7.6	108	0.01
76	T	1,2,3-Trichloropropane	50.000	53.536	-7.1	104	0.01
77	T	Bromobenzene	50.000	54.490	-9.0	108	0.01
78	T	n-propylbenzene	50.000	52.328	-4.7	107	0.01
79	T	2-Chlorotoluene	50.000	53.020	-6.0	107	0.01
80	T	1,3,5-Trimethylbenzene	50.000	52.105	-4.2	106	0.01
81	T	trans-1,4-Dichloro-2-butene	50.000	56.004	-12.0	103	0.01
82	T	4-Chlorotoluene	50.000	51.208	-2.4	106	0.00
83	T	tert-Butylbenzene	50.000	55.237	-10.5	109	0.00
84	T	1,2,4-Trimethylbenzene	50.000	52.479	-5.0	106	0.01
85	T	sec-Butylbenzene	50.000	53.997	-8.0	112	0.01
86	T	p-Isopropyltoluene	50.000	53.604	-7.2	109	0.00
87	T	1,3-Dichlorobenzene	50.000	51.327	-2.7	102	0.00
88	T	1,4-Dichlorobenzene	50.000	52.182	-4.4	106	0.00
89	T	n-Butylbenzene	50.000	57.904	-15.8	112	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	55.939	-11.9	111	0.01
91 T	1,2-Dichlorobenzene	50.000	52.911	-5.8	108	0.01
92 T	1,2-Dibromo-3-Chloropropane	50.000	55.640	-11.3	108	0.01
93 T	1,2,4-Trichlorobenzene	50.000	55.044	-10.1	109	0.00
94 T	Hexachlorobutadiene	50.000	56.723	-13.4	113	0.00
95 T	Naphthalene	50.000	55.634	-11.3	103	0.00
96 T	1,2,3-Trichlorobenzene	50.000	53.988	-8.0	108	0.00

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