Evaluate Continuing Calibration Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD122619\
Data File : VD064611.D
Acq On : 26 Dec 2019 20:53
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_D
LabSampleId : VSTDCCC050

Quant Time: Dec 27 04:56:41 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 24 13:19:06 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	96	0.00
2	T	Dichlorodifluoromethane	50.000	49.477	1.0	94	0.00
3	P	Chloromethane	50.000	52.961	-5.9	102	0.00
4	C	Vinyl Chloride	50.000	50.909	-1.8#	99	0.00
5	T	Bromomethane	50.000	52.201	-4.4	104	0.00
6	T	Chloroethane	50.000	53.510	-7.0	100	0.00
7	T	Trichlorofluoromethane	50.000	50.901	-1.8	97	0.00
8	T	Diethyl Ether	50.000	55.164	-10.3	106	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	50.029	-0.1	94	0.00
10	T	Methyl Iodide	50.000	56.049	-12.1	97	0.00
11	T	Tert butyl alcohol	250.000	286.647	-14.7	101	0.00
12	CM	1,1-Dichloroethene	50.000	51.589	-3.2#	98	0.00
13	T	Acrolein	250.000	262.174	-4.9	96	0.00
14	T	Allyl chloride	50.000	54.306	-8.6	103	0.00
15	T	Acrylonitrile	250.000	288.776	-15.5	107	0.00
16	T	Acetone	250.000	222.150	11.1	87	0.00
17	T	Carbon Disulfide	50.000	51.345	-2.7	99	0.00
18	T	Methyl Acetate	50.000	54.527	-9.1	105	0.00
19	T	Methyl tert-butyl Ether	50.000	57.861	-15.7	107	0.00
20	T	Methylene Chloride	50.000	61.812	-23.6#	109	0.00
21	T	trans-1,2-Dichloroethene	50.000	53.978	-8.0	104	0.00
22	T	Diisopropyl ether	50.000	57.942	-15.9	108	0.00
23	T	Vinyl Acetate	250.000	298.442	-19.4	107	0.00
24	P	1,1-Dichloroethane	50.000	56.109	-12.2	106	0.00
25	T	2-Butanone	250.000	273.760	-9.5	101	0.00
26	T	2,2-Dichloropropane	50.000	48.931	2.1	93	0.00
27	T	cis-1,2-Dichloroethene	50.000	56.342	-12.7	106	0.00
28	T	Bromochloromethane	50.000	54.139	-8.3	95	0.00
29	T	Tetrahydrofuran	250.000	283.715	-13.5	104	0.00
30	C	Chloroform	50.000	56.213	-12.4#	107	0.00
31	T	Cyclohexane	50.000	47.818	4.4	95	0.00
32	T	1,1,1-Trichloroethane	50.000	52.570	-5.1	100	0.00
33	S	1,2-Dichloroethane-d4	50.000	56.136	-12.3	105	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	99	0.00
35	S	Dibromofluoromethane	50.000	53.323	-6.6	102	0.00
36	T	1,1-Dichloropropene	50.000	49.561	0.9	98	0.00
37	T	Ethyl Acetate	50.000	54.563	-9.1	103	0.00
38	T	Carbon Tetrachloride	50.000	50.755	-1.5	98	0.00
39	T	Methylcyclohexane	50.000	49.068	1.9	95	0.00
40	TM	Benzene	50.000	53.073	-6.1	105	0.00
41	T	Methacrylonitrile	50.000	53.772	-7.5	97	-0.01
42	TM	1,2-Dichloroethane	50.000	54.355	-8.7	107	0.00
43	T	Isopropyl Acetate	50.000	54.313	-8.6	104	0.00
44	TM	Trichloroethene	50.000	51.479	-3.0	102	0.00
45	C	1,2-Dichloropropane	50.000	54.870	-9.7#	108	0.00

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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	54.860	-9.7	106	0.00
47	T	Bromodichloromethane	50.000	55.413	-10.8	108	0.00
48	T	Methyl methacrylate	50.000	53.224	-6.4	98	0.00
49	T	1,4-Dioxane	1000.000	1126.173	-12.6	112	0.00
50	S	Toluene-d8	50.000	52.891	-5.8	102	0.00
51	T	4-Methyl-2-Pentanone	250.000	276.710	-10.7	107	0.00
52	CM	Toluene	50.000	53.374	-6.7#	105	0.00
53	T	t-1,3-Dichloropropene	50.000	54.774	-9.5	105	0.00
54	T	cis-1,3-Dichloropropene	50.000	54.388	-8.8	104	0.00
55	T	1,1,2-Trichloroethane	50.000	53.790	-7.6	106	0.00
56	T	Ethyl methacrylate	50.000	56.780	-13.6	108	0.00
57	T	1,3-Dichloropropane	50.000	55.559	-11.1	108	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	245.366	1.9	101	0.00
59	T	2-Hexanone	250.000	270.296	-8.1	101	0.00
60	T	Dibromochloromethane	50.000	55.721	-11.4	108	0.00
61	T	1,2-Dibromoethane	50.000	55.282	-10.6	107	0.00
62	S	4-Bromofluorobenzene	50.000	53.993	-8.0	103	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	104	0.00
64	T	Tetrachloroethene	50.000	48.659	2.7	101	0.00
65	PM	Chlorobenzene	50.000	52.014	-4.0	105	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	53.867	-7.7	110	0.00
67	C	Ethyl Benzene	50.000	51.199	-2.4#	104	0.00
68	T	m/p-Xylenes	100.000	102.300	-2.3	103	0.00
69	T	o-Xylene	50.000	52.479	-5.0	106	0.00
70	T	Styrene	50.000	53.652	-7.3	108	0.00
71	P	Bromoform	50.000	54.510	-9.0	110	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	105	0.00
73	T	Isopropylbenzene	50.000	50.289	-0.6	101	0.00
74	T	N-amyl acetate	50.000	54.084	-8.2	107	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	52.968	-5.9	108	0.00
76	T	1,2,3-Trichloropropane	50.000	54.070	-8.1	129	0.00
77	T	Bromobenzene	50.000	52.583	-5.2	107	0.00
78	T	n-propylbenzene	50.000	50.382	-0.8	102	0.00
79	T	2-Chlorotoluene	50.000	51.572	-3.1	106	0.00
80	T	1,3,5-Trimethylbenzene	50.000	51.198	-2.4	103	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	51.517	-3.0	105	0.00
82	T	4-Chlorotoluene	50.000	51.602	-3.2	106	0.00
83	T	tert-Butylbenzene	50.000	51.565	-3.1	104	0.00
84	T	1,2,4-Trimethylbenzene	50.000	51.955	-3.9	105	0.00
85	T	sec-Butylbenzene	50.000	50.156	-0.3	101	0.00
86	T	p-Isopropyltoluene	50.000	50.381	-0.8	101	0.00
87	T	1,3-Dichlorobenzene	50.000	52.204	-4.4	107	0.00
88	T	1,4-Dichlorobenzene	50.000	51.795	-3.6	105	0.00
89	T	n-Butylbenzene	50.000	49.881	0.2	100	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	50.325	-0.7	102	0.00
91 T	1,2-Dichlorobenzene	50.000	52.376	-4.8	107	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	51.104	-2.2	107	0.00
93 T	1,2,4-Trichlorobenzene	50.000	52.362	-4.7	106	0.00
94 T	Hexachlorobutadiene	50.000	48.869	2.3	100	0.00
95 T	Naphthalene	50.000	55.075	-10.2	108	0.00
96 T	1,2,3-Trichlorobenzene	50.000	53.675	-7.3	108	0.00

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