Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD052119\
Data File : VD062474.D
Acq On : 21 May 2019 11:49
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: May 22 01:49:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D052019S.M
Quant Title : SW846 8260
QLast Update : Tue May 21 03:32:39 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	0.00
2	T	Dichlorodifluoromethane	50.000	52.413	-4.8	118	0.00
3	P	Chloromethane	50.000	43.173	13.7	107	0.00
4	C	Vinyl Chloride	50.000	48.320	3.4#	114	0.00
5	T	Bromomethane	50.000	45.264	9.5	106	0.00
6	T	Chloroethane	50.000	52.144	-4.3	116	0.00
7	T	Trichlorofluoromethane	50.000	49.791	0.4	113	0.00
8	T	Diethyl Ether	50.000	51.632	-3.3	124	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	49.893	0.2	114	0.00
10	T	Methyl Iodide	50.000	55.312	-10.6	117	0.00
11	T	Tert butyl alcohol	250.000	266.879	-6.8	123	-0.02
12	CM	1,1-Dichloroethene	50.000	51.771	-3.5#	117	0.00
13	T	Acrolein	250.000	271.113	-8.4	132	0.00
14	T	Allyl chloride	50.000	51.880	-3.8	126	0.00
15	T	Acrylonitrile	250.000	276.441	-10.6	136	-0.02
16	T	Acetone	250.000	300.824	-20.3#	130	0.00
17	T	Carbon Disulfide	50.000	51.392	-2.8	118	0.00
18	T	Methyl Acetate	50.000	53.204	-6.4	129	0.00
19	T	Methyl tert-butyl Ether	50.000	54.729	-9.5	130	0.00
20	T	Methylene Chloride	50.000	50.943	-1.9	113	0.00
21	T	trans-1,2-Dichloroethene	50.000	53.776	-7.6	127	0.00
22	T	Diisopropyl ether	50.000	54.805	-9.6	127	-0.02
23	T	Vinyl Acetate	250.000	272.583	-9.0	122	-0.02
24	P	1,1-Dichloroethane	50.000	53.985	-8.0	130	0.00
25	T	2-Butanone	250.000	295.478	-18.2	133	0.00
26	T	2,2-Dichloropropane	50.000	53.977	-8.0	122	0.00
27	T	cis-1,2-Dichloroethene	50.000	54.877	-9.8	126	-0.02
28	T	Bromochloromethane	50.000	51.682	-3.4	119	0.00
29		Tetrahydrofuran	250.000	286.350	-14.5	134	-0.02
30	C	Chloroform	50.000	51.947	-3.9#	118	0.00
31	T	Cyclohexane	50.000	50.451	-0.9	112	-0.02
32	T	1,1,1-Trichloroethane	50.000	52.091	-4.2	114	-0.02
33	S	1,2-Dichloroethane-d4	50.000	51.031	-2.1	114	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	117	0.00
35	S	Dibromofluoromethane	50.000	50.596	-1.2	115	-0.02
36	T	1,1-Dichloropropene	50.000	47.640	4.7	116	-0.02
37	T	Ethyl Acetate	50.000	50.678	-1.4	120	-0.02
38	T	Carbon Tetrachloride	50.000	49.085	1.8	117	-0.02
39	T	Methylcyclohexane	50.000	51.042	-2.1	124	0.00
40	TM	Benzene	50.000	48.074	3.9	113	-0.02
41	T	Methacrylonitrile	50.000	52.901	-5.8	123	-0.02
42	TM	1,2-Dichloroethane	50.000	49.036	1.9	116	0.00
43	T	Isopropyl Acetate	50.000	51.977	-4.0	123	0.00
44	TM	Trichloroethene	50.000	49.895	0.2	113	0.00
45	C	1,2-Dichloropropane	50.000	51.910	-3.8#	125	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	50.769	-1.5	119	0.00
47	T	Bromodichloromethane	50.000	51.336	-2.7	117	-0.02
48	T	Methyl methacrylate	50.000	50.614	-1.2	113	-0.02
49	T	1,4-Dioxane	1000.000	1071.373	-7.1	119	-0.02
50	S	Toluene-d8	50.000	51.527	-3.1	119	0.00
51	T	4-Methyl-2-Pentanone	250.000	267.824	-7.1	125	-0.02
52	CM	Toluene	50.000	47.665	4.7#	112	0.00
53	T	t-1,3-Dichloropropene	50.000	50.983	-2.0	120	0.00
54	T	cis-1,3-Dichloropropene	50.000	51.519	-3.0	115	0.00
55	T	1,1,2-Trichloroethane	50.000	51.593	-3.2	127	0.00
56	T	Ethyl methacrylate	50.000	51.935	-3.9	122	0.00
57	T	1,3-Dichloropropane	50.000	52.103	-4.2	124	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	253.862	-1.5	130	-0.02
59	T	2-Hexanone	250.000	274.364	-9.7	125	0.00
60	T	Dibromochloromethane	50.000	50.890	-1.8	117	0.00
61	T	1,2-Dibromoethane	50.000	52.417	-4.8	121	0.00
62	S	4-Bromofluorobenzene	50.000	50.479	-1.0	115	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	115	0.00
64	T	Tetrachloroethene	50.000	49.066	1.9	111	0.00
65	PM	Chlorobenzene	50.000	47.675	4.7	115	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	48.943	2.1	114	0.00
67	C	Ethyl Benzene	50.000	50.751	-1.5#	118	0.00
68	T	m/p-Xylenes	100.000	93.865	6.1	108	0.00
69	T	o-Xylene	50.000	48.546	2.9	114	0.00
70	T	Styrene	50.000	49.514	1.0	118	0.00
71	P	Bromoform	50.000	52.033	-4.1	121	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	107	0.00
73	T	Isopropylbenzene	50.000	52.340	-4.7	108	0.00
74	T	N-amyl acetate	50.000	59.271	-18.5	131	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	56.335	-12.7	127	0.00
76	T	1,2,3-Trichloropropane	50.000	54.640	-9.3	120	0.00
77	T	Bromobenzene	50.000	55.874	-11.7	120	0.00
78	T	n-propylbenzene	50.000	57.283	-14.6	132	0.00
79	T	2-Chlorotoluene	50.000	55.677	-11.4	129	0.00
80	T	1,3,5-Trimethylbenzene	50.000	54.130	-8.3	115	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	58.444	-16.9	130	0.00
82	T	4-Chlorotoluene	50.000	55.247	-10.5	119	0.00
83	T	tert-Butylbenzene	50.000	52.815	-5.6	115	0.00
84	T	1,2,4-Trimethylbenzene	50.000	53.149	-6.3	116	0.00
85	T	sec-Butylbenzene	50.000	54.493	-9.0	120	0.00
86	T	p-Isopropyltoluene	50.000	50.204	-0.4	106	0.00
87	T	1,3-Dichlorobenzene	50.000	53.060	-6.1	110	0.00
88	T	1,4-Dichlorobenzene	50.000	53.536	-7.1	117	0.00
89	T	n-Butylbenzene	50.000	52.573	-5.1	116	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	56.009	-12.0	122	0.00
91 T	1,2-Dichlorobenzene	50.000	51.573	-3.1	119	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	54.903	-9.8	116	0.00
93 T	1,2,4-Trichlorobenzene	50.000	53.549	-7.1	112	0.00
94 T	Hexachlorobutadiene	50.000	56.532	-13.1	125	0.00
95 T	Naphthalene	50.000	57.229	-14.5	120	0.00
96 T	1,2,3-Trichlorobenzene	50.000	51.286	-2.6	108	0.00

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