Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD061419\
Data File : VD062703.D
Acq On : 14 Jun 2019 11:23
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: Jun 15 04:55:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060719S.M
Quant Title : SW846 8260
QLast Update : Sat Jun 08 00:02:21 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	105	0.02
2	T	Dichlorodifluoromethane	50.000	44.991	10.0	102	0.00
3	P	Chloromethane	50.000	46.931	6.1	104	0.02
4	C	Vinyl Chloride	50.000	49.536	0.9#	111	0.00
5	T	Bromomethane	50.000	49.816	0.4	105	0.00
6	T	Chloroethane	50.000	53.797	-7.6	112	0.02
7	T	Trichlorofluoromethane	50.000	49.647	0.7	106	0.00
8	T	Diethyl Ether	50.000	50.075	-0.2	107	0.02
9	T	1,1,2-Trichlorotrifluoroeth	50.000	52.141	-4.3	108	0.02
10	T	Methyl Iodide	50.000	46.824	6.4	110	0.02
11	T	Tert butyl alcohol	250.000	238.240	4.7	114	0.02
12	CM	1,1-Dichloroethene	50.000	53.843	-7.7#	108	0.02
13	T	Acrolein	250.000	275.096	-10.0	122	0.02
14	T	Allyl chloride	50.000	54.452	-8.9	114	0.02
15	T	Acrylonitrile	250.000	258.608	-3.4	111	0.00
16	T	Acetone	250.000	299.977	-20.0	117	0.02
17	T	Carbon Disulfide	50.000	52.914	-5.8	113	0.02
18	T	Methyl Acetate	50.000	44.403	11.2	107	0.00
19	T	Methyl tert-butyl Ether	50.000	49.634	0.7	104	0.00
20	T	Methylene Chloride	50.000	49.624	0.8	114	0.02
21	T	trans-1,2-Dichloroethene	50.000	53.110	-6.2	119	0.02
22	T	Diisopropyl ether	50.000	55.216	-10.4	118	0.02
23	T	Vinyl Acetate	250.000	271.429	-8.6	108	0.02
24	P	1,1-Dichloroethane	50.000	51.623	-3.2	110	0.02
25	T	2-Butanone	250.000	273.370	-9.3	110	0.02
26	T	2,2-Dichloropropane	50.000	54.697	-9.4	119	0.00
27	T	cis-1,2-Dichloroethene	50.000	54.502	-9.0	115	0.02
28	T	Bromochloromethane	50.000	55.261	-10.5	120	0.02
29		Tetrahydrofuran	250.000	256.417	-2.6	107	0.02
30	C	Chloroform	50.000	52.109	-4.2#	111	0.00
31	T	Cyclohexane	50.000	54.991	-10.0	116	0.02
32	T	1,1,1-Trichloroethane	50.000	57.150	-14.3	121	0.00
33	S	1,2-Dichloroethane-d4	50.000	46.605	6.8	104	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	104	0.00
35	S	Dibromofluoromethane	50.000	50.830	-1.7	118	0.02
36	T	1,1-Dichloropropene	50.000	51.056	-2.1	112	0.02
37	T	Ethyl Acetate	50.000	48.750	2.5	110	0.02
38	T	Carbon Tetrachloride	50.000	51.833	-3.7	107	0.02
39	T	Methylcyclohexane	50.000	56.653	-13.3	118	0.02
40	TM	Benzene	50.000	51.601	-3.2	110	0.02
41	T	Methacrylonitrile	50.000	52.610	-5.2	112	0.02
42	TM	1,2-Dichloroethane	50.000	51.333	-2.7	105	0.00
43	T	Isopropyl Acetate	50.000	53.088	-6.2	110	0.00
44	TM	Trichloroethene	50.000	49.576	0.8	104	0.00
45	C	1,2-Dichloropropane	50.000	54.887	-9.8#	111	0.02

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ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_D
LabSampleId : VSTDCCC050

Quant Time: Jun 15 04:55:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060719S.M
Quant Title : SW846 8260
QLast Update : Sat Jun 08 00:02:21 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)
46	T	Dibromomethane	50.000	52.581	-5.2	108	0.02
47	T	Bromodichloromethane	50.000	52.916	-5.8	114	0.02
48	T	Methyl methacrylate	50.000	51.154	-2.3	108	0.02
49	T	1,4-Dioxane	1000.000	976.758	2.3	101	0.03
50	S	Toluene-d8	50.000	50.566	-1.1	117	0.00
51	T	4-Methyl-2-Pentanone	250.000	257.839	-3.1	107	0.00
52	CM	Toluene	50.000	53.592	-7.2#	108	0.00
53	T	t-1,3-Dichloropropene	50.000	54.780	-9.6	111	0.00
54	T	cis-1,3-Dichloropropene	50.000	56.747	-13.5	117	0.00
55	T	1,1,2-Trichloroethane	50.000	51.951	-3.9	110	0.00
56	T	Ethyl methacrylate	50.000	45.604	8.8	102	0.00
57	T	1,3-Dichloropropane	50.000	52.068	-4.1	113	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	235.994	5.6	115	0.02
59	T	2-Hexanone	250.000	262.102	-4.8	106	0.00
60	T	Dibromochloromethane	50.000	54.857	-9.7	110	0.02
61	T	1,2-Dibromoethane	50.000	52.759	-5.5	106	0.02
62	S	4-Bromofluorobenzene	50.000	50.927	-1.9	110	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	103	0.02
64	T	Tetrachloroethene	50.000	51.880	-3.8	102	0.00
65	PM	Chlorobenzene	50.000	53.982	-8.0	108	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	52.540	-5.1	105	0.02
67	C	Ethyl Benzene	50.000	55.624	-11.2#	115	0.00
68	T	m/p-Xylenes	100.000	105.856	-5.9	109	0.00
69	T	o-Xylene	50.000	50.934	-1.9	104	0.00
70	T	Styrene	50.000	53.008	-6.0	107	0.00
71	P	Bromoform	50.000	49.953	0.1	108	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	101	0.00
73	T	Isopropylbenzene	50.000	56.356	-12.7	121	0.00
74	T	N-amyl acetate	50.000	56.021	-12.0	109	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	57.704	-15.4	109	0.00
76	T	1,2,3-Trichloropropane	50.000	58.881	-17.8	118	0.00
77	T	Bromobenzene	50.000	57.411	-14.8	112	0.00
78	T	n-propylbenzene	50.000	55.968	-11.9	108	0.00
79	T	2-Chlorotoluene	50.000	54.170	-8.3	101	0.00
80	T	1,3,5-Trimethylbenzene	50.000	55.822	-11.6	116	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	50.871	-1.7	110	0.00
82	T	4-Chlorotoluene	50.000	53.813	-7.6	111	0.00
83	T	tert-Butylbenzene	50.000	58.952	-17.9	108	0.00
84	T	1,2,4-Trimethylbenzene	50.000	58.271	-16.5	108	0.00
85	T	sec-Butylbenzene	50.000	55.528	-11.1	107	0.00
86	T	p-Isopropyltoluene	50.000	53.768	-7.5	100	0.00
87	T	1,3-Dichlorobenzene	50.000	50.892	-1.8	96	0.00
88	T	1,4-Dichlorobenzene	50.000	54.934	-9.9	111	0.00
89	T	n-Butylbenzene	50.000	57.376	-14.8	107	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)
90 T	Hexachloroethane	50.000	58.145	-16.3	114	0.00
91 T	1,2-Dichlorobenzene	50.000	55.679	-11.4	103	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	50.447	-0.9	99	0.02
93 T	1,2,4-Trichlorobenzene	50.000	49.243	1.5	107	0.00
94 T	Hexachlorobutadiene	50.000	55.323	-10.6	109	0.00
95 T	Naphthalene	50.000	50.050	-0.1	106	0.00
96 T	1,2,3-Trichlorobenzene	50.000	58.079	-16.2	109	0.00

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