Evaluate Continuing Calibration Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032619\
Data File : VD061345.D
Acq On : 26 Mar 2019 20:22
Operator : VA/AP
Sample : VSTDCCC050
Misc : 5.00g/5ml/MSVOA D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_D
LabSampleId : VSTDCCC050

Quant Time: Mar 27 09:28:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032519S.M
Quant Title : SW846 8260
QLast Update : Tue Mar 26 03:31:57 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	103	-0.02
2	T	Dichlorodifluoromethane	50.000	53.484	-7.0	103	0.00
3	P	Chloromethane	50.000	50.724	-1.4	103	-0.01
4	C	Vinyl Chloride	50.000	52.629	-5.3#	101	-0.01
5	T	Bromomethane	50.000	62.307	-24.6#	114	0.00
6	T	Chloroethane	50.000	55.564	-11.1	89	-0.01
7	T	Trichlorofluoromethane	50.000	54.673	-9.3	101	-0.01
8	T	Diethyl Ether	50.000	63.247	-26.5#	127	-0.01
9	T	1,1,2-Trichlorotrifluoroeth	50.000	54.758	-9.5	106	-0.01
10	T	Methyl Iodide	50.000	65.736	-31.5#	111	-0.01
11	T	Tert butyl alcohol	250.000	312.345	-24.9#	115	-0.03
12	CM	1,1-Dichloroethene	50.000	56.170	-12.3#	109	-0.01
13	T	Acrolein	250.000	213.076	14.8	93	-0.01
14	T	Allyl chloride	50.000	58.378	-16.8	113	-0.02
15	T	Acrylonitrile	250.000	310.862	-24.3#	116	-0.02
16	T	Acetone	250.000	266.421	-6.6	88	-0.02
17	T	Carbon Disulfide	50.000	54.253	-8.5	102	-0.01
18	T	Methyl Acetate	50.000	60.799	-21.6#	119	-0.01
19	T	Methyl tert-butyl Ether	50.000	59.491	-19.0	109	-0.02
20	T	Methylene Chloride	50.000	51.549	-3.1	113	-0.02
21	T	trans-1,2-Dichloroethene	50.000	57.083	-14.2	105	-0.03
22	T	Diisopropyl ether	50.000	59.230	-18.5	108	-0.02
23	T	Vinyl Acetate	250.000	295.059	-18.0	107	-0.03
24	P	1,1-Dichloroethane	50.000	57.533	-15.1	105	-0.02
25	T	2-Butanone	250.000	310.467	-24.2#	109	-0.02
26	T	2,2-Dichloropropane	50.000	53.954	-7.9	102	-0.02
27	T	cis-1,2-Dichloroethene	50.000	60.031	-20.1#	110	-0.02
28	T	Bromochloromethane	50.000	56.382	-12.8	105	-0.02
29		Tetrahydrofuran	250.000	312.290	-24.9#	112	-0.02
30	C	Chloroform	50.000	58.797	-17.6#	110	-0.02
31	T	Cyclohexane	50.000	56.009	-12.0	101	-0.02
32	T	1,1,1-Trichloroethane	50.000	53.306	-6.6	94	-0.02
33	S	1,2-Dichloroethane-d4	50.000	51.138	-2.3	98	-0.02
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	101	-0.02
35	S	Dibromofluoromethane	50.000	53.249	-6.5	99	-0.02
36	T	1,1-Dichloropropene	50.000	51.973	-3.9	100	-0.03
37	T	Ethyl Acetate	50.000	62.941	-25.9#	116	-0.02
38	T	Carbon Tetrachloride	50.000	51.742	-3.5	98	-0.02
39	T	Methylcyclohexane	50.000	60.515	-21.0#	108	-0.01
40	TM	Benzene	50.000	60.778	-21.6#	108	-0.01
41	T	Methacrylonitrile	50.000	62.176	-24.4#	110	-0.03
42	TM	1,2-Dichloroethane	50.000	58.539	-17.1	109	-0.02
43	T	Isopropyl Acetate	50.000	61.066	-22.1#	110	-0.01
44	TM	Trichloroethene	50.000	56.332	-12.7	103	-0.02
45	C	1,2-Dichloropropane	50.000	58.095	-16.2#	102	-0.02

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Instrument : MSVOA_D
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Quant Time: Mar 27 09:28:47 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	60.105	-20.2#	110	-0.01
47	T	Bromodichloromethane	50.000	57.130	-14.3	102	-0.02
48	T	Methyl methacrylate	50.000	59.199	-18.4	119	-0.01
49	T	1,4-Dioxane	1000.000	1266.991	-26.7#	112	-0.02
50	S	Toluene-d8	50.000	52.249	-4.5	101	-0.01
51	T	4-Methyl-2-Pentanone	250.000	312.539	-25.0#	116	-0.01
52	CM	Toluene	50.000	58.499	-17.0#	116	-0.01
53	T	t-1,3-Dichloropropene	50.000	63.362	-26.7#	117	-0.01
54	T	cis-1,3-Dichloropropene	50.000	58.362	-16.7	106	-0.02
55	T	1,1,2-Trichloroethane	50.000	54.904	-9.8	107	-0.01
56	T	Ethyl methacrylate	50.000	64.251	-28.5#	117	-0.01
57	T	1,3-Dichloropropane	50.000	55.631	-11.3	99	-0.01
58	T	2-Chloroethyl Vinyl ether	250.000	242.417	3.0	91	-0.01
59	T	2-Hexanone	250.000	298.298	-19.3	100	-0.01
60	T	Dibromochloromethane	50.000	58.896	-17.8	105	-0.01
61	T	1,2-Dibromoethane	50.000	61.202	-22.4#	114	-0.02
62	S	4-Bromofluorobenzene	50.000	52.195	-4.4	102	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	112	-0.01
64	T	Tetrachloroethene	50.000	55.185	-10.4	114	-0.01
65	PM	Chlorobenzene	50.000	54.011	-8.0	112	-0.01
66	T	1,1,1,2-Tetrachloroethane	50.000	55.103	-10.2	109	0.00
67	C	Ethyl Benzene	50.000	52.189	-4.4#	107	-0.01
68	T	m/p-Xylenes	100.000	106.450	-6.5	117	0.00
69	T	o-Xylene	50.000	47.682	4.6	96	-0.01
70	T	Styrene	50.000	50.001	-0.0	101	0.00
71	P	Bromoform	50.000	56.605	-13.2	112	-0.01
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	89	0.00
73	T	Isopropylbenzene	50.000	63.070	-26.1#	105	-0.01
74	T	N-amyl acetate	50.000	70.390	-40.8#	114	-0.01
75	P	1,1,2,2-Tetrachloroethane	50.000	66.803	-33.6#	105	-0.01
76	T	1,2,3-Trichloropropane	50.000	72.763	-45.5#	121	0.00
77	T	Bromobenzene	50.000	62.327	-24.7#	98	-0.01
78	T	n-propylbenzene	50.000	67.394	-34.8#	112	0.00
79	T	2-Chlorotoluene	50.000	63.195	-26.4#	110	0.00
80	T	1,3,5-Trimethylbenzene	50.000	60.410	-20.8#	100	-0.01
81	T	trans-1,4-Dichloro-2-butene	50.000	72.300	-44.6#	111	-0.01
82	T	4-Chlorotoluene	50.000	59.562	-19.1	101	0.00
83	T	tert-Butylbenzene	50.000	63.765	-27.5#	104	-0.01
84	T	1,2,4-Trimethylbenzene	50.000	60.410	-20.8#	100	-0.01
85	T	sec-Butylbenzene	50.000	66.095	-32.2#	111	-0.01
86	T	p-Isopropyltoluene	50.000	53.006	-6.0	86	0.00
87	T	1,3-Dichlorobenzene	50.000	63.985	-28.0#	108	-0.01
88	T	1,4-Dichlorobenzene	50.000	59.713	-19.4	95	0.00
89	T	n-Butylbenzene	50.000	63.370	-26.7#	107	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	65.368	-30.7#	104	-0.01
91 T	1,2-Dichlorobenzene	50.000	67.162	-34.3#	114	-0.01
92 T	1,2-Dibromo-3-Chloropropane	50.000	70.835	-41.7#	113	-0.01
93 T	1,2,4-Trichlorobenzene	50.000	73.082	-46.2#	109	0.00
94 T	Hexachlorobutadiene	50.000	68.961	-37.9#	104	0.00
95 T	Naphthalene	50.000	80.108	-60.2#	119	0.00
96 T	1,2,3-Trichlorobenzene	50.000	74.778	-49.6#	107	0.00

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