Evaluate Continuing Calibration Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032519\
Data File : VD061313.D
Acq On : 25 Mar 2019 20:53
Operator : VA/AP
Sample : VSTDCCC050
Misc : 5.00g/5ml/MSVOA D/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_D
LabSampleId : VSTDCCC050

Quant Time: Mar 26 08:04:08 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	104	0.00
2	T	Dichlorodifluoromethane	50.000	52.141	-4.3	101	0.00
3	P	Chloromethane	50.000	47.798	4.4	98	0.00
4	C	Vinyl Chloride	50.000	49.931	0.1#	97	0.00
5	T	Bromomethane	50.000	47.094	5.8	87	0.00
6	T	Chloroethane	50.000	58.585	-17.2	95	0.00
7	T	Trichlorofluoromethane	50.000	48.849	2.3	91	0.00
8	T	Diethyl Ether	50.000	61.695	-23.4#	125	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	51.578	-3.2	100	0.00
10	T	Methyl Iodide	50.000	57.211	-14.4	97	0.00
11	T	Tert butyl alcohol	250.000	335.153	-34.1#	125	-0.01
12	CM	1,1-Dichloroethene	50.000	51.849	-3.7#	102	0.00
13	T	Acrolein	250.000	246.128	1.5	109	0.00
14	T	Allyl chloride	50.000	53.001	-6.0	104	0.00
15	T	Acrylonitrile	250.000	319.721	-27.9#	120	0.00
16	T	Acetone	250.000	277.874	-11.1	92	0.00
17	T	Carbon Disulfide	50.000	53.316	-6.6	101	0.00
18	T	Methyl Acetate	50.000	59.666	-19.3	118	0.00
19	T	Methyl tert-butyl Ether	50.000	58.742	-17.5	108	0.00
20	T	Methylene Chloride	50.000	50.747	-1.5	112	0.00
21	T	trans-1,2-Dichloroethene	50.000	52.116	-4.2	96	0.00
22	T	Diisopropyl ether	50.000	54.912	-9.8	101	0.00
23	T	Vinyl Acetate	250.000	304.209	-21.7#	112	0.00
24	P	1,1-Dichloroethane	50.000	56.586	-13.2	104	0.00
25	T	2-Butanone	250.000	307.584	-23.0#	109	0.00
26	T	2,2-Dichloropropane	50.000	47.890	4.2	91	0.00
27	T	cis-1,2-Dichloroethene	50.000	53.728	-7.5	100	0.00
28	T	Bromochloromethane	50.000	51.402	-2.8	97	0.00
29		Tetrahydrofuran	250.000	310.140	-24.1#	112	0.00
30	C	Chloroform	50.000	54.843	-9.7#	103	0.00
31	T	Cyclohexane	50.000	54.359	-8.7	99	0.00
32	T	1,1,1-Trichloroethane	50.000	53.067	-6.1	95	0.00
33	S	1,2-Dichloroethane-d4	50.000	47.486	5.0	92	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	104	0.00
35	S	Dibromofluoromethane	50.000	50.156	-0.3	97	0.00
36	T	1,1-Dichloropropene	50.000	49.813	0.4	99	0.00
37	T	Ethyl Acetate	50.000	65.049	-30.1#	123	0.00
38	T	Carbon Tetrachloride	50.000	50.236	-0.5	99	0.00
39	T	Methylcyclohexane	50.000	50.934	-1.9	94	0.00
40	TM	Benzene	50.000	52.630	-5.3	97	0.00
41	T	Methacrylonitrile	50.000	59.519	-19.0	109	0.00
42	TM	1,2-Dichloroethane	50.000	56.426	-12.9	108	0.00
43	T	Isopropyl Acetate	50.000	58.242	-16.5	108	0.00
44	TM	Trichloroethene	50.000	55.858	-11.7	105	0.00
45	C	1,2-Dichloropropane	50.000	57.545	-15.1#	104	0.00

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Instrument : MSVOA_D
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Quant Time: Mar 26 08:04:08 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)
46	T	Dibromomethane	50.000	58.204	-16.4	110	0.00
47	T	Bromodichloromethane	50.000	57.424	-14.8	106	0.00
48	T	Methyl methacrylate	50.000	62.277	-24.6#	130	0.00
49	T	1,4-Dioxane	1000.000	1388.446	-38.8#	127	0.00
50	S	Toluene-d8	50.000	47.190	5.6	94	0.00
51	T	4-Methyl-2-Pentanone	250.000	301.331	-20.5#	116	0.00
52	CM	Toluene	50.000	52.149	-4.3#	107	0.00
53	T	t-1,3-Dichloropropene	50.000	58.843	-17.7	112	0.00
54	T	cis-1,3-Dichloropropene	50.000	57.503	-15.0	107	0.00
55	T	1,1,2-Trichloroethane	50.000	55.524	-11.0	112	0.00
56	T	Ethyl methacrylate	50.000	63.460	-26.9#	119	0.00
57	T	1,3-Dichloropropane	50.000	57.048	-14.1	104	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	262.531	-5.0	101	0.00
59	T	2-Hexanone	250.000	312.494	-25.0#	108	0.00
60	T	Dibromochloromethane	50.000	60.110	-20.2#	110	0.00
61	T	1,2-Dibromoethane	50.000	60.604	-21.2#	116	0.00
62	S	4-Bromofluorobenzene	50.000	46.412	7.2	94	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	100	0.00
64	T	Tetrachloroethene	50.000	55.944	-11.9	103	0.00
65	PM	Chlorobenzene	50.000	56.791	-13.6	105	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	56.813	-13.6	100	0.00
67	C	Ethyl Benzene	50.000	51.959	-3.9#	95	0.00
68	T	m/p-Xylenes	100.000	105.900	-5.9	104	0.00
69	T	o-Xylene	50.000	54.948	-9.9	99	0.00
70	T	Styrene	50.000	59.543	-19.1	107	0.00
71	P	Bromoform	50.000	63.449	-26.9#	111	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	106	0.00
73	T	Isopropylbenzene	50.000	48.313	3.4	96	0.00
74	T	N-amyl acetate	50.000	53.106	-6.2	102	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	58.781	-17.6	109	0.00
76	T	1,2,3-Trichloropropane	50.000	60.389	-20.8#	119	0.00
77	T	Bromobenzene	50.000	50.388	-0.8	95	0.00
78	T	n-propylbenzene	50.000	55.056	-10.1	109	0.00
79	T	2-Chlorotoluene	50.000	55.214	-10.4	114	0.00
80	T	1,3,5-Trimethylbenzene	50.000	52.367	-4.7	103	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	60.529	-21.1#	111	0.00
82	T	4-Chlorotoluene	50.000	48.514	3.0	98	0.00
83	T	tert-Butylbenzene	50.000	55.264	-10.5	107	0.00
84	T	1,2,4-Trimethylbenzene	50.000	52.367	-4.7	103	0.00
85	T	sec-Butylbenzene	50.000	50.073	-0.1	100	0.00
86	T	p-Isopropyltoluene	50.000	48.839	2.3	95	0.00
87	T	1,3-Dichlorobenzene	50.000	52.122	-4.2	105	0.00
88	T	1,4-Dichlorobenzene	50.000	53.598	-7.2	101	0.00
89	T	n-Butylbenzene	50.000	50.877	-1.8	102	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	51.605	-3.2	98	0.00
91	T	1,2-Dichlorobenzene	50.000	54.238	-8.5	109	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	63.490	-27.0#	120	0.00
93	T	1,2,4-Trichlorobenzene	50.000	56.339	-12.7	100	0.00
94	T	Hexachlorobutadiene	50.000	54.270	-8.5	97	0.00
95	T	Naphthalene	50.000	60.420	-20.8#	106	0.00
96	T	1,2,3-Trichlorobenzene	50.000	48.955	2.1	83	0.00

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