Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF010219\
Data File : VF061246.D
Acq On : 2 Jan 2019 11:03
Operator : VA/AP
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_F
LabSampleId : VSTDCCC050

Quant Time: Jan 02 15:06:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F121918S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 20 00:56:59 2018
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	50.000	50.000	0.0	93	-0.02
2	T	Dichlorodifluoromethane	50.000	43.568	12.9	81	0.00
3	P	Chloromethane	50.000	50.830	-1.7	96	0.00
4	C	Vinyl Chloride	50.000	51.995	-4.0#	95	0.00
5	T	Bromomethane	50.000	51.041	-2.1	93	-0.01
6	T	Chloroethane	50.000	48.040	3.9	90	-0.01
7	T	Trichlorofluoromethane	50.000	50.976	-2.0	91	-0.02
8	T	Diethyl Ether	50.000	54.666	-9.3	101	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	50.088	-0.2	97	0.00
10	T	Methyl Iodide	50.000	41.697	16.6	80	-0.01
11	T	Tert butyl alcohol	250.000	286.411	-14.6	104	0.00
12	CM	1,1-Dichloroethene	50.000	54.702	-9.4#	100	-0.01
13	T	Acrolein	250.000	214.622	14.2	93	-0.01
14	T	Allyl chloride	50.000	72.587	-45.2#	145	-0.01
15	T	Acrylonitrile	250.000	295.159	-18.1	104	-0.01
16	T	Acetone	250.000	269.242	-7.7	95	-0.01
17	T	Carbon Disulfide	50.000	52.997	-6.0	100	-0.01
18	T	Methyl Acetate	50.000	58.104	-16.2	121	0.07
19	T	Methyl tert-butyl Ether	50.000	51.928	-3.9	97	-0.01
20	T	Methylene Chloride	50.000	57.191	-14.4	102	-0.09
21	T	trans-1,2-Dichloroethene	50.000	52.647	-5.3	106	-0.01
22	T	Diisopropyl ether	50.000	55.111	-10.2	104	-0.01
23	T	Vinyl Acetate	250.000	259.981	-4.0	96	-0.01
24	P	1,1-Dichloroethane	50.000	56.058	-12.1	102	-0.01
25	T	2-Butanone	250.000	266.803	-6.7	100	-0.01
26	T	2,2-Dichloropropane	50.000	56.954	-13.9	107	-0.01
27	T	cis-1,2-Dichloroethene	50.000	51.567	-3.1	101	-0.01
28	T	Bromochloromethane	50.000	52.785	-5.6	99	-0.02
29		Tetrahydrofuran	250.000	280.791	-12.3	108	-0.02
30	C	Chloroform	50.000	50.095	-0.2#	93	-0.02
31	T	Cyclohexane	50.000	52.658	-5.3	101	-0.02
32	T	1,1,1-Trichloroethane	50.000	49.049	1.9	95	-0.01
33	S	1,2-Dichloroethane-d4	50.000	50.278	-0.6	99	-0.02
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	91	-0.01
35	S	Dibromofluoromethane	50.000	54.065	-8.1	106	-0.02
36	T	1,1-Dichloropropene	50.000	51.526	-3.1	93	-0.01
37	T	Ethyl Acetate	50.000	54.402	-8.8	97	-0.02
38	T	Carbon Tetrachloride	50.000	54.906	-9.8	100	-0.01
39	T	Methylcyclohexane	50.000	61.474	-22.9	106	-0.01
40	TM	Benzene	50.000	50.656	-1.3	93	-0.01
41	T	Methacrylonitrile	50.000	50.184	-0.4	92	-0.02
42	TM	1,2-Dichloroethane	50.000	49.609	0.8	89	-0.02
43	T	Isopropyl Acetate	50.000	57.194	-14.4	108	-0.01
44	TM	Trichloroethene	50.000	54.734	-9.5	99	-0.02
45	C	1,2-Dichloropropane	50.000	52.861	-5.7#	97	-0.02

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Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	T	Dibromomethane	50.000	54.079	-8.2	97	-0.02
47	T	Bromodichloromethane	50.000	51.051	-2.1	89	-0.01
48	T	Methyl methacrylate	50.000	49.796	0.4	89	-0.02
49	T	1,4-Dioxane	1000.000	1289.207	-28.9#	112	-0.02
50	S	Toluene-d8	50.000	51.988	-4.0	97	-0.02
51	T	4-Methyl-2-Pentanone	250.000	285.663	-14.3	105	-0.01
52	CM	Toluene	50.000	51.908	-3.8#	97	-0.01
53	T	t-1,3-Dichloropropene	50.000	53.083	-6.2	99	-0.01
54	T	cis-1,3-Dichloropropene	50.000	54.871	-9.7	102	-0.01
55	T	1,1,2-Trichloroethane	50.000	52.784	-5.6	102	-0.02
56	T	Ethyl methacrylate	50.000	54.132	-8.3	98	-0.02
57	T	1,3-Dichloropropane	50.000	51.174	-2.3	96	-0.01
58	T	2-Chloroethyl Vinyl ether	250.000	153.491	38.6#	58	-0.01
59	T	2-Hexanone	250.000	287.087	-14.8	103	-0.01
60	T	Dibromochloromethane	50.000	54.185	-8.4	95	-0.02
61	T	1,2-Dibromoethane	50.000	51.274	-2.5	93	-0.01
62	S	4-Bromofluorobenzene	50.000	52.987	-6.0	103	-0.01
63	I	Chlorobenzene-d5	50.000	50.000	0.0	83	-0.01
64	T	Tetrachloroethene	50.000	58.626	-17.3	101	-0.01
65	PM	Chlorobenzene	50.000	55.079	-10.2	97	-0.01
66	T	1,1,1,2-Tetrachloroethane	50.000	56.225	-12.5	101	-0.02
67	C	Ethyl Benzene	50.000	54.363	-8.7#	95	-0.01
68	T	m/p-Xylenes	100.000	108.729	-8.7	96	-0.01
69	T	o-Xylene	50.000	54.464	-8.9	96	-0.01
70	T	Styrene	50.000	63.556	-27.1#	100	-0.01
71	P	Bromoform	50.000	59.241	-18.5	104	-0.01
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	89	0.00
73	T	Isopropylbenzene	50.000	54.802	-9.6	96	-0.01
74	T	N-amyl acetate	50.000	60.962	-21.9	109	-0.01
75	P	1,1,2,2-Tetrachloroethane	50.000	56.941	-13.9	101	-0.01
76	T	1,2,3-Trichloropropane	50.000	53.215	-6.4	94	-0.01
77	T	Bromobenzene	50.000	54.994	-10.0	97	-0.01
78	T	n-propylbenzene	50.000	54.095	-8.2	91	-0.01
79	T	2-Chlorotoluene	50.000	54.072	-8.1	96	-0.01
80	T	1,3,5-Trimethylbenzene	50.000	52.957	-5.9	94	-0.01
81	T	trans-1,4-Dichloro-2-butene	50.000	52.281	-4.6	91	-0.01
82	T	4-Chlorotoluene	50.000	49.477	1.0	91	-0.01
83	T	tert-Butylbenzene	50.000	53.620	-7.2	96	-0.01
84	T	1,2,4-Trimethylbenzene	50.000	52.009	-4.0	95	-0.01
85	T	sec-Butylbenzene	50.000	54.506	-9.0	98	0.00
86	T	p-Isopropyltoluene	50.000	54.152	-8.3	97	-0.01
87	T	1,3-Dichlorobenzene	50.000	60.034	-20.1	95	-0.01
88	T	1,4-Dichlorobenzene	50.000	53.497	-7.0	99	-0.01
89	T	n-Butylbenzene	50.000	58.383	-16.8	99	-0.01

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	55.946	-11.9	98	0.00
91 T	1,2-Dichlorobenzene	50.000	53.772	-7.5	95	-0.01
92 T	1,2-Dibromo-3-Chloropropane	50.000	55.710	-11.4	94	-0.01
93 T	1,2,4-Trichlorobenzene	50.000	55.213	-10.4	100	0.00
94 T	Hexachlorobutadiene	50.000	58.560	-17.1	103	0.00
95 T	Naphthalene	50.000	57.265	-14.5	98	0.00
96 T	1,2,3-Trichlorobenzene	50.000	55.347	-10.7	93	0.00

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