Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF032319\
Data File : VF062125.D
Acq On : 23 Mar 2019 19:28
Operator : VA/AP
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_F
LabSampleId : VSTDCCC050

Quant Time: Mar 25 04:25:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F032219S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 23 01:16:37 2019
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	86	-0.04
2	T	Dichlorodifluoromethane	50.000	52.391	-4.8	92	-0.01
3	P	Chloromethane	50.000	52.998	-6.0	92	0.00
4	C	Vinyl Chloride	50.000	55.243	-10.5#	94	-0.01
5	T	Bromomethane	50.000	51.404	-2.8	90	-0.01
6	T	Chloroethane	50.000	51.921	-3.8	89	-0.01
7	T	Trichlorofluoromethane	50.000	55.647	-11.3	93	-0.02
8	T	Diethyl Ether	50.000	55.751	-11.5	95	-0.01
9	T	1,1,2-Trichlorotrifluoroeth	50.000	54.287	-8.6	92	-0.01
10	T	Methyl Iodide	50.000	55.566	-11.1	95	-0.01
11	T	Tert butyl alcohol	250.000	264.891	-6.0	88	-0.02
12	CM	1,1-Dichloroethene	50.000	54.681	-9.4#	94	-0.02
13	T	Acrolein	250.000	295.105	-18.0	96	-0.02
14	T	Allyl chloride	50.000	54.177	-8.4	92	-0.02
15	T	Acrylonitrile	250.000	260.353	-4.1	91	-0.02
16	T	Acetone	250.000	249.090	0.4	72	-0.02
17	T	Carbon Disulfide	50.000	54.114	-8.2	90	-0.03
18	T	Methyl Acetate	50.000	47.757	4.5	90	-0.02
19	T	Methyl tert-butyl Ether	50.000	56.596	-13.2	97	-0.02
20	T	Methylene Chloride	50.000	55.886	-11.8	95	-0.02
21	T	trans-1,2-Dichloroethene	50.000	58.321	-16.6	98	-0.03
22	T	Diisopropyl ether	50.000	55.252	-10.5	98	-0.03
23	T	Vinyl Acetate	250.000	291.701	-16.7	99	-0.03
24	P	1,1-Dichloroethane	50.000	54.528	-9.1	96	-0.02
25	T	2-Butanone	250.000	268.913	-7.6	87	-0.03
26	T	2,2-Dichloropropane	50.000	51.456	-2.9	86	-0.03
27	T	cis-1,2-Dichloroethene	50.000	55.005	-10.0	98	-0.03
28	T	Bromochloromethane	50.000	59.642	-19.3	97	-0.04
29		Tetrahydrofuran	250.000	273.837	-9.5	97	-0.04
30	C	Chloroform	50.000	56.279	-12.6#	99	-0.04
31	T	Cyclohexane	50.000	56.538	-13.1	98	-0.03
32	T	1,1,1-Trichloroethane	50.000	53.522	-7.0	94	-0.03
33	S	1,2-Dichloroethane-d4	50.000	50.854	-1.7	81	-0.04
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	90	-0.03
35	S	Dibromofluoromethane	50.000	52.369	-4.7	87	-0.04
36	T	1,1-Dichloropropene	50.000	55.821	-11.6	99	-0.04
37	T	Ethyl Acetate	50.000	51.545	-3.1	94	-0.04
38	T	Carbon Tetrachloride	50.000	52.954	-5.9	92	-0.03
39	T	Methylcyclohexane	50.000	57.502	-15.0	96	-0.04
40	TM	Benzene	50.000	55.002	-10.0	97	-0.04
41	T	Methacrylonitrile	50.000	54.211	-8.4	94	-0.04
42	TM	1,2-Dichloroethane	50.000	54.140	-8.3	94	-0.04
43	T	Isopropyl Acetate	50.000	51.822	-3.6	92	-0.03
44	TM	Trichloroethene	50.000	53.805	-7.6	94	-0.04
45	C	1,2-Dichloropropane	50.000	54.962	-9.9#	97	-0.04

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

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	T	Dibromomethane	50.000	55.503	-11.0	98	-0.04
47	T	Bromodichloromethane	50.000	56.180	-12.4	100	-0.03
48	T	Methyl methacrylate	50.000	55.176	-10.4	97	-0.04
49	T	1,4-Dioxane	1000.000	1159.963	-16.0	91	-0.04
50	S	Toluene-d8	50.000	50.512	-1.0	80	-0.04
51	T	4-Methyl-2-Pentanone	250.000	267.675	-7.1	96	-0.04
52	CM	Toluene	50.000	57.922	-15.8#	103	-0.04
53	T	t-1,3-Dichloropropene	50.000	55.584	-11.2	99	-0.03
54	T	cis-1,3-Dichloropropene	50.000	55.888	-11.8	98	-0.04
55	T	1,1,2-Trichloroethane	50.000	55.908	-11.8	95	-0.04
56	T	Ethyl methacrylate	50.000	57.090	-14.2	97	-0.04
57	T	1,3-Dichloropropane	50.000	54.995	-10.0	93	-0.03
58	T	2-Chloroethyl Vinyl ether	250.000	333.011	-33.2#	110	-0.03
59	T	2-Hexanone	250.000	269.283	-7.7	87	-0.03
60	T	Dibromochloromethane	50.000	57.320	-14.6	97	-0.03
61	T	1,2-Dibromoethane	50.000	55.978	-12.0	93	-0.04
62	S	4-Bromofluorobenzene	50.000	50.882	-1.8	85	-0.03
63	I	Chlorobenzene-d5	50.000	50.000	0.0	91	-0.04
64	T	Tetrachloroethene	50.000	54.407	-8.8	99	-0.03
65	PM	Chlorobenzene	50.000	54.484	-9.0	98	-0.04
66	T	1,1,1,2-Tetrachloroethane	50.000	55.163	-10.3	99	-0.04
67	C	Ethyl Benzene	50.000	55.080	-10.2#	101	-0.03
68	T	m/p-Xylenes	100.000	106.987	-7.0	98	-0.04
69	T	o-Xylene	50.000	54.938	-9.9	94	-0.03
70	T	Styrene	50.000	49.720	0.6	94	-0.03
71	P	Bromoform	50.000	51.213	-2.4	93	-0.03
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	90	-0.02
73	T	Isopropylbenzene	50.000	56.929	-13.9	100	-0.03
74	T	N-amyl acetate	50.000	59.499	-19.0	101	-0.03
75	P	1,1,2,2-Tetrachloroethane	50.000	55.128	-10.3	94	-0.03
76	T	1,2,3-Trichloropropane	50.000	53.063	-6.1	96	-0.03
77	T	Bromobenzene	50.000	52.086	-4.2	95	-0.03
78	T	n-propylbenzene	50.000	54.768	-9.5	98	-0.02
79	T	2-Chlorotoluene	50.000	56.200	-12.4	98	-0.03
80	T	1,3,5-Trimethylbenzene	50.000	57.200	-14.4	99	-0.03
81	T	trans-1,4-Dichloro-2-butene	50.000	53.051	-6.1	88	-0.02
82	T	4-Chlorotoluene	50.000	53.481	-7.0	97	-0.02
83	T	tert-Butylbenzene	50.000	57.903	-15.8	100	-0.03
84	T	1,2,4-Trimethylbenzene	50.000	55.545	-11.1	98	-0.02
85	T	sec-Butylbenzene	50.000	54.592	-9.2	96	-0.02
86	T	p-Isopropyltoluene	50.000	56.612	-13.2	103	-0.02
87	T	1,3-Dichlorobenzene	50.000	54.188	-8.4	99	-0.03
88	T	1,4-Dichlorobenzene	50.000	55.041	-10.1	96	-0.03
89	T	n-Butylbenzene	50.000	54.438	-8.9	95	-0.02

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	56.850	-13.7	97	-0.02
91 T	1,2-Dichlorobenzene	50.000	54.960	-9.9	97	-0.02
92 T	1,2-Dibromo-3-Chloropropane	50.000	59.231	-18.5	99	-0.03
93 T	1,2,4-Trichlorobenzene	50.000	56.679	-13.4	104	-0.02
94 T	Hexachlorobutadiene	50.000	56.713	-13.4	99	-0.02
95 T	Naphthalene	50.000	57.077	-14.2	95	-0.02
96 T	1,2,3-Trichlorobenzene	50.000	57.092	-14.2	100	-0.02

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