Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF051319\
Data File : VF062559.D
Acq On : 13 May 2019 23:23
Operator : FY/SY
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA F/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_F
LabSampleId : VSTDCCC050

Quant Time: May 14 09:03:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.M
Quant Title : SW846 8260
QLast Update : Tue May 07 04:34:57 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	102	0.02
2	T	Dichlorodifluoromethane	50.000	41.705	16.6	97	0.01
3	P	Chloromethane	50.000	44.517	11.0	106	0.00
4	C	Vinyl Chloride	50.000	44.374	11.3#	101	0.01
5	T	Bromomethane	50.000	48.882	2.2	102	0.00
6	T	Chloroethane	50.000	48.435	3.1	105	0.00
7	T	Trichlorofluoromethane	50.000	52.067	-4.1	109	0.00
8	T	Diethyl Ether	50.000	49.252	1.5	113	0.01
9	T	1,1,2-Trichlorotrifluoroeth	50.000	48.292	3.4	104	0.00
10	T	Methyl Iodide	50.000	51.160	-2.3	110	0.00
11	T	Tert butyl alcohol	250.000	231.470	7.4	99	0.00
12	CM	1,1-Dichloroethene	50.000	45.066	9.9#	101	0.00
13	T	Acrolein	250.000	265.455	-6.2	105	0.01
14	T	Allyl chloride	50.000	74.378	-48.8#	172	0.02
15	T	Acrylonitrile	250.000	264.245	-5.7	106	0.01
16	T	Acetone	250.000	231.492	7.4	92	0.01
17	T	Carbon Disulfide	50.000	40.095	19.8	89	0.00
18	T	Methyl Acetate	50.000	53.573	-7.1	108	0.00
19	T	Methyl tert-butyl Ether	50.000	47.848	4.3	100	0.01
20	T	Methylene Chloride	50.000	50.525	-1.0	114	0.00
21	T	trans-1,2-Dichloroethene	50.000	47.348	5.3	103	0.02
22	T	Diisopropyl ether	50.000	49.776	0.4	99	0.01
23	T	Vinyl Acetate	250.000	244.500	2.2	92	0.01
24	P	1,1-Dichloroethane	50.000	52.872	-5.7	106	0.02
25	T	2-Butanone	250.000	238.922	4.4	95	0.01
26	T	2,2-Dichloropropane	50.000	57.985	-16.0	119	0.02
27	T	cis-1,2-Dichloroethene	50.000	51.122	-2.2	106	0.02
28	T	Bromochloromethane	50.000	52.452	-4.9	97	0.03
29	T	Tetrahydrofuran	250.000	236.123	5.6	100	0.02
30	C	Chloroform	50.000	52.647	-5.3#	103	0.03
31	T	Cyclohexane	50.000	45.731	8.5	95	0.02
32	T	1,1,1-Trichloroethane	50.000	52.805	-5.6	105	0.03
33	S	1,2-Dichloroethane-d4	50.000	54.774	-9.5	101	0.03
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	95	0.02
35	S	Dibromofluoromethane	50.000	57.487	-15.0	107	0.03
36	T	1,1-Dichloropropene	50.000	49.189	1.6	98	0.03
37	T	Ethyl Acetate	50.000	55.390	-10.8	100	0.02
38	T	Carbon Tetrachloride	50.000	65.354	-30.7#	124	0.02
39	T	Methylcyclohexane	50.000	48.432	3.1	93	0.03
40	TM	Benzene	50.000	50.802	-1.6	104	0.03
41	T	Methacrylonitrile	50.000	48.182	3.6	98	0.02
42	TM	1,2-Dichloroethane	50.000	53.585	-7.2	103	0.02
43	T	Isopropyl Acetate	50.000	49.391	1.2	99	0.02
44	TM	Trichloroethene	50.000	53.244	-6.5	105	0.02
45	C	1,2-Dichloropropane	50.000	54.586	-9.2#	106	0.03

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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	56.807	-13.6	111	0.03
47	T	Bromodichloromethane	50.000	54.313	-8.6	106	0.03
48	T	Methyl methacrylate	50.000	50.757	-1.5	97	0.02
49	T	1,4-Dioxane	1000.000	831.842	16.8	78	0.03
50	S	Toluene-d8	50.000	56.077	-12.2	105	0.03
51	T	4-Methyl-2-Pentanone	250.000	273.232	-9.3	107	0.02
52	CM	Toluene	50.000	53.143	-6.3#	108	0.03
53	T	t-1,3-Dichloropropene	50.000	52.524	-5.0	101	0.02
54	T	cis-1,3-Dichloropropene	50.000	53.356	-6.7	102	0.02
55	T	1,1,2-Trichloroethane	50.000	59.567	-19.1	115	0.02
56	T	Ethyl methacrylate	50.000	49.611	0.8	100	0.02
57	T	1,3-Dichloropropane	50.000	59.294	-18.6	117	0.02
58	T	2-Chloroethyl Vinyl ether	250.000	241.449	3.4	100	0.02
59	T	2-Hexanone	250.000	261.354	-4.5	104	0.02
60	T	Dibromochloromethane	50.000	57.965	-15.9	110	0.02
61	T	1,2-Dibromoethane	50.000	55.311	-10.6	106	0.03
62	S	4-Bromofluorobenzene	50.000	57.725	-15.5	118	0.02
63	I	Chlorobenzene-d5	50.000	50.000	0.0	103	0.03
64	T	Tetrachloroethene	50.000	49.602	0.8	106	0.02
65	PM	Chlorobenzene	50.000	55.200	-10.4	116	0.02
66	T	1,1,1,2-Tetrachloroethane	50.000	52.206	-4.4	109	0.02
67	C	Ethyl Benzene	50.000	51.968	-3.9#	110	0.02
68	T	m/p-Xylenes	100.000	103.443	-3.4	114	0.02
69	T	o-Xylene	50.000	54.464	-8.9	114	0.01
70	T	Styrene	50.000	51.613	-3.2	110	0.02
71	P	Bromoform	50.000	53.621	-7.2	109	0.01
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	107	0.01
73	T	Isopropylbenzene	50.000	50.940	-1.9	111	0.01
74	T	N-amyl acetate	50.000	46.648	6.7	109	0.01
75	P	1,1,2,2-Tetrachloroethane	50.000	56.862	-13.7	122	0.01
76	T	1,2,3-Trichloropropane	50.000	52.179	-4.4	117	0.02
77	T	Bromobenzene	50.000	53.045	-6.1	115	0.01
78	T	n-propylbenzene	50.000	51.106	-2.2	115	0.02
79	T	2-Chlorotoluene	50.000	51.215	-2.4	112	0.01
80	T	1,3,5-Trimethylbenzene	50.000	48.093	3.8	106	0.01
81	T	trans-1,4-Dichloro-2-butene	50.000	53.343	-6.7	124	0.01
82	T	4-Chlorotoluene	50.000	51.982	-4.0	115	0.01
83	T	tert-Butylbenzene	50.000	49.078	1.8	106	0.01
84	T	1,2,4-Trimethylbenzene	50.000	51.506	-3.0	112	0.01
85	T	sec-Butylbenzene	50.000	52.376	-4.8	116	0.01
86	T	p-Isopropyltoluene	50.000	50.263	-0.5	112	0.01
87	T	1,3-Dichlorobenzene	50.000	53.290	-6.6	122	0.01
88	T	1,4-Dichlorobenzene	50.000	52.005	-4.0	113	0.01
89	T	n-Butylbenzene	50.000	50.721	-1.4	115	0.01

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	50.249	-0.5	108	0.01
91 T	1,2-Dichlorobenzene	50.000	52.887	-5.8	118	0.01
92 T	1,2-Dibromo-3-Chloropropane	50.000	54.802	-9.6	122	0.01
93 T	1,2,4-Trichlorobenzene	50.000	50.811	-1.6	112	0.01
94 T	Hexachlorobutadiene	50.000	49.462	1.1	107	0.01
95 T	Naphthalene	50.000	52.939	-5.9	113	0.01
96 T	1,2,3-Trichlorobenzene	50.000	52.415	-4.8	113	0.01

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