Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_F\Data\VF111418\
Data File : VF060720.D
Acq On : 14 Nov 2018 11:48
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: Nov 15 06:52:06 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F111318S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 14 03:11:14 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	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	1.000	1.000	0.0	105	-0.04
2	T	Dichlorodifluoromethane	0.895	0.900	-0.6	101	-0.01
3	P	Chloromethane	0.555	0.561	-1.1	101	-0.03
4	C	Vinyl Chloride	0.496	0.528	-6.5#	105	-0.01
5	T	Bromomethane	0.315	0.346	-9.8	104	-0.02
6	T	Chloroethane	0.194	0.227	-17.0	100	-0.02
7	T	Trichlorofluoromethane	1.098	1.136	-3.5	97	-0.02
8	T	Diethyl Ether	0.141	0.144	-2.1	100	-0.01
9	T	1,1,2-Trichlorotrifluoroeth	0.517	0.546	-5.6	105	-0.03
10	T	Methyl Iodide	0.830	0.860	-3.6	104	-0.03
11	T	Tert butyl alcohol	0.026	0.024	7.7	90	-0.02
12	CM	1,1-Dichloroethene	0.408	0.434	-6.4#	111	-0.02
13	T	Acrolein	0.024	0.026	-8.3	124	-0.02
14	T	Allyl chloride	0.715	0.775	-8.4	111	-0.02
15	T	Acrylonitrile	0.055	0.055	0.0	100	-0.02
16	T	Acetone	0.122	0.135	-10.7	100	-0.02
17	T	Carbon Disulfide	1.233	1.335	-8.3	108	-0.06
18	T	Methyl Acetate	0.200	0.192	4.0	97	-0.02
19	T	Methyl tert-butyl Ether	0.979	0.965	1.4	98	-0.03
20	T	Methylene Chloride	0.458	0.434	5.2	107	-0.03
21	T	trans-1,2-Dichloroethene	0.426	0.445	-4.5	99	-0.02
22	T	Diisopropyl ether	1.380	1.432	-3.8	103	-0.03
23	T	Vinyl Acetate	0.650	0.691	-6.3	101	-0.04
24	P	1,1-Dichloroethane	0.835	0.903	-8.1	111	-0.03
25	T	2-Butanone	0.201	0.217	-8.0	107	-0.04
26	T	2,2-Dichloropropane	0.657	0.717	-9.1	111	-0.04
27	T	cis-1,2-Dichloroethene	0.725	0.758	-4.6	104	-0.03
28	T	Bromochloromethane	0.434	0.412	5.1	98	-0.04
29		Tetrahydrofuran	0.083	0.083	0.0	102	-0.04
30	C	Chloroform	1.340	1.324	1.2#	97	-0.04
31	T	Cyclohexane	1.014	1.048	-3.4	108	-0.04
32	T	1,1,1-Trichloroethane	1.055	1.075	-1.9	102	-0.04
33	S	1,2-Dichloroethane-d4	0.570	0.526	7.7	98	-0.04
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	102	-0.04
35	S	Dibromofluoromethane	0.376	0.359	4.5	105	-0.04
36	T	1,1-Dichloropropene	0.580	0.599	-3.3	103	-0.04
37	T	Ethyl Acetate	0.216	0.211	2.3	99	-0.03
38	T	Carbon Tetrachloride	0.563	0.590	-4.8	107	-0.03
39	T	Methylcyclohexane	0.673	0.693	-3.0	102	-0.04
40	TM	Benzene	1.293	1.315	-1.7	103	-0.04
41	T	Methacrylonitrile	0.131	0.118	9.9	98	-0.04
42	TM	1,2-Dichloroethane	0.447	0.437	2.2	98	-0.04
43	T	Isopropyl Acetate	0.286	0.279	2.4	104	-0.04
44	TM	Trichloroethene	0.408	0.413	-1.2	107	-0.04
45	C	1,2-Dichloropropane	0.336	0.333	0.9#	104	-0.03

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46	T	Dibromomethane	0.222	0.219	1.4	98	-0.04
47	T	Bromodichloromethane	0.567	0.552	2.6	93	-0.03
48	T	Methyl methacrylate	0.189	0.180	4.8	101	-0.04
49	T	1,4-Dioxane	0.002	0.002	0.0	110	-0.04
50	S	Toluene-d8	1.085	0.989	8.8	107	-0.04
51	T	4-Methyl-2-Pentanone	0.207	0.201	2.9	103	-0.03
52	CM	Toluene	0.866	0.876	-1.2#	105	-0.04
53	T	t-1,3-Dichloropropene	0.454	0.424	6.6	98	-0.03
54	T	cis-1,3-Dichloropropene	0.590	0.565	4.2	105	-0.03
55	T	1,1,2-Trichloroethane	0.247	0.240	2.8	97	-0.04
56	T	Ethyl methacrylate	0.281	0.277	1.4	99	-0.04
57	T	1,3-Dichloropropane	0.429	0.431	-0.5	106	-0.04
58	T	2-Chloroethyl Vinyl ether	0.026	0.025	3.8	95	-0.04
59	T	2-Hexanone	0.145	0.159	-9.7	120	-0.03
60	T	Dibromochloromethane	0.353	0.350	0.8	99	-0.04
61	T	1,2-Dibromoethane	0.260	0.264	-1.5	100	-0.03
62	S	4-Bromofluorobenzene	0.508	0.452	11.0	101	-0.02
63	I	Chlorobenzene-d5	1.000	1.000	0.0	112	-0.04
64	T	Tetrachloroethene	0.396	0.378	4.5	98	-0.04
65	PM	Chlorobenzene	1.009	1.020	-1.1	108	-0.03
66	T	1,1,1,2-Tetrachloroethane	0.440	0.419	4.8	98	-0.04
67	C	Ethyl Benzene	1.902	1.753	7.8#	100	-0.04
68	T	m/p-Xylenes	0.680	0.627	7.8	102	-0.03
69	T	o-Xylene	0.764	0.753	1.4	106	-0.03
70	T	Styrene	1.037	0.974	6.1	102	-0.03
71	P	Bromoform	0.198	0.189	4.5	96	-0.03
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	102	-0.02
73	T	Isopropylbenzene	4.025	4.308	-7.0	105	-0.02
74	T	N-amyl acetate	0.916	0.994	-8.5	114	-0.02
75	P	1,1,2,2-Tetrachloroethane	0.665	0.648	2.6	93	-0.02
76	T	1,2,3-Trichloropropane	0.494	0.472	4.5	101	-0.02
77	T	Bromobenzene	0.838	0.869	-3.7	102	-0.02
78	T	n-propylbenzene	4.694	4.527	3.6	102	-0.02
79	T	2-Chlorotoluene	2.728	2.716	0.4	100	-0.03
80	T	1,3,5-Trimethylbenzene	3.195	3.356	-5.0	103	-0.02
81	T	trans-1,4-Dichloro-2-butene	0.243	0.221	9.1	90	-0.03
82	T	4-Chlorotoluene	2.795	2.847	-1.9	104	-0.02
83	T	tert-Butylbenzene	3.393	3.577	-5.4	101	-0.02
84	T	1,2,4-Trimethylbenzene	3.305	3.372	-2.0	103	-0.02
85	T	sec-Butylbenzene	4.602	4.742	-3.0	102	-0.02
86	T	p-Isopropyltoluene	3.844	3.882	-1.0	99	-0.03
87	T	1,3-Dichlorobenzene	1.667	1.615	3.1	98	-0.02
88	T	1,4-Dichlorobenzene	1.602	1.674	-4.5	102	-0.02
89	T	n-Butylbenzene	3.923	3.943	-0.5	104	-0.02

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.940	0.987	-5.0	99	-0.02
91 T	1,2-Dichlorobenzene	1.570	1.544	1.7	100	-0.03
92 T	1,2-Dibromo-3-Chloropropane	0.125	0.117	6.4	87	-0.02
93 T	1,2,4-Trichlorobenzene	1.128	1.090	3.4	94	-0.02
94 T	Hexachlorobutadiene	0.737	0.768	-4.2	96	-0.02
95 T	Naphthalene	2.059	2.156	-4.7	95	-0.02
96 T	1,2,3-Trichlorobenzene	1.043	1.052	-0.9	93	-0.02

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