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	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	1.000	1.000	0.0	93	-0.02
2	T	Dichlorodifluoromethane	1.111	0.968	12.9	81	0.00
3	P	Chloromethane	0.637	0.647	-1.6	96	0.00
4	C	Vinyl Chloride	0.591	0.614	-3.9#	95	0.00
5	T	Bromomethane	0.410	0.418	-2.0	93	-0.01
6	T	Chloroethane	0.272	0.261	4.0	90	-0.01
7	T	Trichlorofluoromethane	1.128	1.150	-2.0	91	-0.02
8	T	Diethyl Ether	0.154	0.169	-9.7	101	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.585	0.586	-0.2	97	0.00
10	T	Methyl Iodide	0.922	0.769	16.6	80	-0.01
11	T	Tert butyl alcohol	0.026	0.030	-15.4	104	0.00
12	CM	1,1-Dichloroethene	0.441	0.482	-9.3#	100	-0.01
13	T	Acrolein	0.019	0.016	15.8	93	-0.01
14	T	Allyl chloride	0.459	0.666	-45.1#	145	-0.01
15	T	Acrylonitrile	0.060	0.071	-18.3	104	-0.01
16	T	Acetone	0.129	0.138	-7.0	95	-0.01
17	T	Carbon Disulfide	1.332	1.412	-6.0	100	-0.01
18	T	Methyl Acetate	0.266	0.309	-16.2	121	0.07
19	T	Methyl tert-butyl Ether	0.978	1.016	-3.9	97	-0.01
20	T	Methylene Chloride	0.477	0.465	2.5	102	-0.09
21	T	trans-1,2-Dichloroethene	0.471	0.496	-5.3	106	-0.01
22	T	Diisopropyl ether	1.528	1.684	-10.2	104	-0.01
23	T	Vinyl Acetate	0.705	0.733	-4.0	96	-0.01
24	P	1,1-Dichloroethane	0.905	1.015	-12.2	102	-0.01
25	T	2-Butanone	0.208	0.223	-7.2	100	-0.01
26	T	2,2-Dichloropropane	0.519	0.592	-14.1	107	-0.01
27	T	cis-1,2-Dichloroethene	0.722	0.744	-3.0	101	-0.01
28	T	Bromochloromethane	0.459	0.485	-5.7	99	-0.02
29		Tetrahydrofuran	0.085	0.095	-11.8	108	-0.02
30	C	Chloroform	1.357	1.360	-0.2#	93	-0.02
31	T	Cyclohexane	0.939	0.989	-5.3	101	-0.02
32	T	1,1,1-Trichloroethane	0.814	0.798	2.0	95	-0.01
33	S	1,2-Dichloroethane-d4	0.643	0.647	-0.6	99	-0.02
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	91	-0.01
35	S	Dibromofluoromethane	0.401	0.433	-8.0	106	-0.02
36	T	1,1-Dichloropropene	0.604	0.622	-3.0	93	-0.01
37	T	Ethyl Acetate	0.248	0.251	-1.2	97	-0.02
38	T	Carbon Tetrachloride	0.460	0.505	-9.8	100	-0.01
39	T	Methylcyclohexane	0.541	0.666	-23.1	106	-0.01
40	TM	Benzene	1.298	1.315	-1.3	93	-0.01
41	T	Methacrylonitrile	0.127	0.128	-0.8	92	-0.02
42	TM	1,2-Dichloroethane	0.493	0.489	0.8	89	-0.02
43	T	Isopropyl Acetate	0.291	0.333	-14.4	108	-0.01
44	TM	Trichloroethene	0.409	0.448	-9.5	99	-0.02
45	C	1,2-Dichloropropane	0.353	0.373	-5.7#	97	-0.02

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46	T	Dibromomethane	0.229	0.248	-8.3	97	-0.02
47	T	Bromodichloromethane	0.595	0.608	-2.2	89	-0.01
48	T	Methyl methacrylate	0.203	0.203	0.0	89	-0.02
49	T	1,4-Dioxane	0.001	0.002	-100.0#	112	-0.02
50	S	Toluene-d8	1.135	1.180	-4.0	97	-0.02
51	T	4-Methyl-2-Pentanone	0.200	0.228	-14.0	105	-0.01
52	CM	Toluene	0.859	0.892	-3.8#	97	-0.01
53	T	t-1,3-Dichloropropene	0.480	0.510	-6.3	99	-0.01
54	T	cis-1,3-Dichloropropene	0.602	0.661	-9.8	102	-0.01
55	T	1,1,2-Trichloroethane	0.258	0.272	-5.4	102	-0.02
56	T	Ethyl methacrylate	0.279	0.302	-8.2	98	-0.02
57	T	1,3-Dichloropropane	0.466	0.477	-2.4	96	-0.01
58	T	2-Chloroethyl Vinyl ether	0.054	0.033	38.9#	58	-0.01
59	T	2-Hexanone	0.145	0.166	-14.5	103	-0.01
60	T	Dibromochloromethane	0.369	0.400	-8.4	95	-0.02
61	T	1,2-Dibromoethane	0.275	0.282	-2.5	93	-0.01
62	S	4-Bromofluorobenzene	0.523	0.555	-6.1	103	-0.01
63	I	Chlorobenzene-d5	1.000	1.000	0.0	83	-0.01
64	T	Tetrachloroethene	0.385	0.451	-17.1	101	-0.01
65	PM	Chlorobenzene	1.033	1.138	-10.2	97	-0.01
66	T	1,1,1,2-Tetrachloroethane	0.422	0.475	-12.6	101	-0.02
67	C	Ethyl Benzene	1.882	2.046	-8.7#	95	-0.01
68	T	m/p-Xylenes	0.662	0.720	-8.8	96	-0.01
69	T	o-Xylene	0.734	0.800	-9.0	96	-0.01
70	T	Styrene	1.022	1.114	-9.0	100	-0.01
71	P	Bromoform	0.195	0.231	-18.5	104	-0.01
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	89	0.00
73	T	Isopropylbenzene	4.309	4.723	-9.6	96	-0.01
74	T	N-amyl acetate	0.957	1.166	-21.8	109	-0.01
75	P	1,1,2,2-Tetrachloroethane	0.715	0.814	-13.8	101	-0.01
76	T	1,2,3-Trichloropropane	0.532	0.566	-6.4	94	-0.01
77	T	Bromobenzene	0.928	1.020	-9.9	97	-0.01
78	T	n-propylbenzene	5.104	5.276	-3.4	91	-0.01
79	T	2-Chlorotoluene	2.956	3.197	-8.2	96	-0.01
80	T	1,3,5-Trimethylbenzene	3.548	3.758	-5.9	94	-0.01
81	T	trans-1,4-Dichloro-2-butene	0.229	0.239	-4.4	91	-0.01
82	T	4-Chlorotoluene	3.058	3.026	1.0	91	-0.01
83	T	tert-Butylbenzene	3.651	3.915	-7.2	96	-0.01
84	T	1,2,4-Trimethylbenzene	3.538	3.680	-4.0	95	-0.01
85	T	sec-Butylbenzene	4.764	5.194	-9.0	98	0.00
86	T	p-Isopropyltoluene	3.955	4.283	-8.3	97	-0.01
87	T	1,3-Dichlorobenzene	1.749	1.785	-2.1	95	-0.01
88	T	1,4-Dichlorobenzene	1.703	1.822	-7.0	99	-0.01
89	T	n-Butylbenzene	4.088	4.479	-9.6	99	-0.01

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.977	1.093	-11.9	98	0.00
91 T	1,2-Dichlorobenzene	1.658	1.783	-7.5	95	-0.01
92 T	1,2-Dibromo-3-Chloropropane	0.131	0.146	-11.5	94	-0.01
93 T	1,2,4-Trichlorobenzene	1.176	1.299	-10.5	100	0.00
94 T	Hexachlorobutadiene	0.749	0.877	-17.1	103	0.00
95 T	Naphthalene	2.147	2.459	-14.5	98	0.00
96 T	1,2,3-Trichlorobenzene	1.087	1.203	-10.7	93	0.00

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