Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF030119\
Data File : VF061801.D
Acq On : 1 Mar 2019 12:59
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: Mar 02 02:51:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F021319S.M
Quant Title : SW846 8260
QLast Update : Thu Feb 14 03:27:56 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	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	1.000	1.000	0.0	105	-0.03
2	T	Dichlorodifluoromethane	0.574	0.523	8.9	106	0.00
3	P	Chloromethane	0.602	0.559	7.1	100	0.00
4	C	Vinyl Chloride	0.560	0.567	-1.2#	111	0.00
5	T	Bromomethane	0.385	0.409	-6.2	109	0.02
6	T	Chloroethane	0.276	0.269	2.5	105	-0.01
7	T	Trichlorofluoromethane	0.676	0.733	-8.4	119	-0.01
8	T	Diethyl Ether	0.170	0.166	2.4	104	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.487	0.462	5.1	105	-0.01
10	T	Methyl Iodide	0.931	0.899	3.4	102	-0.01
11	T	Tert butyl alcohol	0.021	0.022	-4.8	111	-0.01
12	CM	1,1-Dichloroethene	0.428	0.408	4.7#	103	-0.01
13	T	Acrolein	0.027	0.029	-7.4	112	-0.01
14	T	Allyl chloride	0.526	0.540	-2.7	107	0.00
15	T	Acrylonitrile	0.075	0.067	10.7	97	-0.02
16	T	Acetone	0.079	0.095	-20.3	126	-0.01
17	T	Carbon Disulfide	1.347	1.209	10.2	96	0.00
18	T	Methyl Acetate	0.177	0.219	-23.7	147	-0.01
19	T	Methyl tert-butyl Ether	0.732	0.772	-5.5	113	-0.01
20	T	Methylene Chloride	0.475	0.442	6.9	113	-0.01
21	T	trans-1,2-Dichloroethene	0.466	0.436	6.4	101	-0.01
22	T	Diisopropyl ether	1.262	1.317	-4.4	113	-0.02
23	T	Vinyl Acetate	0.616	0.576	6.5	101	-0.02
24	P	1,1-Dichloroethane	0.764	0.790	-3.4	114	-0.01
25	T	2-Butanone	0.172	0.170	1.2	108	-0.02
26	T	2,2-Dichloropropane	0.324	0.368	-13.6	123	-0.03
27	T	cis-1,2-Dichloroethene	0.611	0.598	2.1	106	-0.02
28	T	Bromochloromethane	0.366	0.372	-1.6	101	-0.02
29		Tetrahydrofuran	0.078	0.066	15.4	94	-0.03
30	C	Chloroform	0.869	0.891	-2.5#	108	-0.03
31	T	Cyclohexane	0.827	0.733	11.4	96	-0.03
32	T	1,1,1-Trichloroethane	0.569	0.547	3.9	96	-0.02
33	S	1,2-Dichloroethane-d4	0.367	0.439	-19.6	124	-0.03
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	105	-0.03
35	S	Dibromofluoromethane	0.371	0.415	-11.9	122	-0.02
36	T	1,1-Dichloropropene	0.495	0.460	7.1	104	-0.03
37	T	Ethyl Acetate	0.230	0.197	14.3	100	-0.03
38	T	Carbon Tetrachloride	0.342	0.357	-4.4	117	-0.03
39	T	Methylcyclohexane	0.586	0.572	2.4	106	-0.02
40	TM	Benzene	1.296	1.241	4.2	105	-0.02
41	T	Methacrylonitrile	0.118	0.109	7.6	102	-0.03
42	TM	1,2-Dichloroethane	0.310	0.315	-1.6	108	-0.03
43	T	Isopropyl Acetate	0.272	0.244	10.3	104	-0.02
44	TM	Trichloroethene	0.419	0.402	4.1	107	-0.02
45	C	1,2-Dichloropropane	0.313	0.288	8.0#	98	-0.03

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46	T	Dibromomethane	0.193	0.189	2.1	102	-0.03
47	T	Bromodichloromethane	0.422	0.427	-1.2	106	-0.03
48	T	Methyl methacrylate	0.164	0.156	4.9	103	-0.02
49	T	1,4-Dioxane	0.002	0.001	50.0#	96	-0.02
50	S	Toluene-d8	1.067	1.170	-9.7	113	-0.02
51	T	4-Methyl-2-Pentanone	0.195	0.173	11.3	97	-0.03
52	CM	Toluene	0.786	0.745	5.2#	109	-0.02
53	T	t-1,3-Dichloropropene	0.351	0.348	0.9	109	-0.02
54	T	cis-1,3-Dichloropropene	0.468	0.460	1.7	108	-0.03
55	T	1,1,2-Trichloroethane	0.231	0.222	3.9	102	-0.02
56	T	Ethyl methacrylate	0.257	0.226	12.1	98	-0.02
57	T	1,3-Dichloropropane	0.385	0.360	6.5	102	-0.02
58	T	2-Chloroethyl Vinyl ether	0.044	0.038	13.6	96	-0.02
59	T	2-Hexanone	0.136	0.130	4.4	106	-0.03
60	T	Dibromochloromethane	0.321	0.320	0.3	105	-0.02
61	T	1,2-Dibromoethane	0.250	0.240	4.0	104	-0.03
62	S	4-Bromofluorobenzene	0.432	0.459	-6.3	118	-0.02
63	I	Chlorobenzene-d5	1.000	1.000	0.0	101	-0.03
64	T	Tetrachloroethene	0.409	0.390	4.6	100	-0.02
65	PM	Chlorobenzene	1.015	1.001	1.4	105	-0.03
66	T	1,1,1,2-Tetrachloroethane	0.398	0.411	-3.3	109	-0.02
67	C	Ethyl Benzene	1.687	1.701	-0.8#	110	-0.02
68	T	m/p-Xylenes	0.646	0.644	0.3	108	-0.03
69	T	o-Xylene	0.689	0.676	1.9	102	-0.03
70	T	Styrene	0.975	0.945	3.1	105	-0.02
71	P	Bromoform	0.216	0.208	3.7	99	-0.02
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	102	-0.02
73	T	Isopropylbenzene	3.560	3.414	4.1	102	-0.02
74	T	N-amyl acetate	0.854	0.808	5.4	98	-0.01
75	P	1,1,2,2-Tetrachloroethane	0.638	0.628	1.6	104	-0.02
76	T	1,2,3-Trichloropropane	0.434	0.409	5.8	99	-0.02
77	T	Bromobenzene	0.879	0.861	2.0	107	-0.02
78	T	n-propylbenzene	4.085	3.874	5.2	102	-0.02
79	T	2-Chlorotoluene	2.288	2.304	-0.7	105	-0.02
80	T	1,3,5-Trimethylbenzene	2.845	2.769	2.7	102	-0.01
81	T	trans-1,4-Dichloro-2-butene	0.208	0.201	3.4	99	-0.02
82	T	4-Chlorotoluene	2.375	2.304	3.0	104	-0.02
83	T	tert-Butylbenzene	3.151	3.092	1.9	100	-0.01
84	T	1,2,4-Trimethylbenzene	2.827	2.840	-0.5	109	-0.02
85	T	sec-Butylbenzene	4.075	3.910	4.0	100	-0.02
86	T	p-Isopropyltoluene	3.420	3.423	-0.1	107	-0.01
87	T	1,3-Dichlorobenzene	1.715	1.640	4.4	105	-0.01
88	T	1,4-Dichlorobenzene	1.649	1.633	1.0	108	-0.01
89	T	n-Butylbenzene	3.230	3.196	1.1	105	-0.01

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90	T	Hexachloroethane	0.795	0.822	-3.4	105	-0.02
91	T	1,2-Dichlorobenzene	1.631	1.565	4.0	104	-0.01
92	T	1,2-Dibromo-3-Chloropropane	0.101	0.103	-2.0	102	-0.01
93	T	1,2,4-Trichlorobenzene	1.169	1.110	5.0	102	-0.02
94	T	Hexachlorobutadiene	0.722	0.710	1.7	104	-0.02
95	T	Naphthalene	2.045	1.987	2.8	100	-0.02
96	T	1,2,3-Trichlorobenzene	1.073	1.033	3.7	99	-0.02

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