Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF010719\
Data File : VF061272.D
Acq On : 7 Jan 2019 11:31
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 08 00:21:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F010319S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 04 03:27:18 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	111	-0.05
2	T	Dichlorodifluoromethane	0.960	0.861	10.3	99	-0.02
3	P	Chloromethane	0.735	0.656	10.7	103	-0.03
4	C	Vinyl Chloride	0.637	0.602	5.5#	100	-0.02
5	T	Bromomethane	0.436	0.431	1.1	107	-0.03
6	T	Chloroethane	0.289	0.267	7.6	102	-0.02
7	T	Trichlorofluoromethane	1.146	1.082	5.6	102	-0.03
8	T	Diethyl Ether	0.164	0.166	-1.2	122	-0.02
9	T	1,1,2-Trichlorotrifluoroeth	0.573	0.541	5.6	103	-0.02
10	T	Methyl Iodide	0.925	0.883	4.5	107	-0.02
11	T	Tert butyl alcohol	0.027	0.024	11.1	108	-0.03
12	CM	1,1-Dichloroethene	0.481	0.446	7.3#	108	-0.03
13	T	Acrolein	0.025	0.022	12.0	125	-0.03
14	T	Allyl chloride	0.666	0.762	-14.4	119	-0.02
15	T	Acrylonitrile	0.072	0.064	11.1	105	-0.03
16	T	Acetone	0.127	0.141	-11.0	159#	-0.02
17	T	Carbon Disulfide	1.466	1.406	4.1	107	-0.06
18	T	Methyl Acetate	0.281	0.219	22.1	102	-0.03
19	T	Methyl tert-butyl Ether	1.004	0.906	9.8	111	-0.03
20	T	Methylene Chloride	0.590	0.434	26.4#	99	-0.03
21	T	trans-1,2-Dichloroethene	0.506	0.431	14.8	96	-0.03
22	T	Diisopropyl ether	1.674	1.536	8.2	105	-0.04
23	T	Vinyl Acetate	0.766	0.614	19.8	95	-0.04
24	P	1,1-Dichloroethane	0.981	0.901	8.2	99	-0.03
25	T	2-Butanone	0.239	0.216	9.6	116	-0.05
26	T	2,2-Dichloropropane	0.565	0.545	3.5	103	-0.05
27	T	cis-1,2-Dichloroethene	0.744	0.682	8.3	104	-0.04
28	T	Bromochloromethane	0.465	0.480	-3.2	121	-0.04
29		Tetrahydrofuran	0.093	0.089	4.3	119	-0.05
30	C	Chloroform	1.373	1.250	9.0#	100	-0.04
31	T	Cyclohexane	1.040	0.955	8.2	100	-0.05
32	T	1,1,1-Trichloroethane	0.892	0.960	-7.6	106	-0.04
33	S	1,2-Dichloroethane-d4	0.635	0.614	3.3	113	-0.04
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	109	-0.04
35	S	Dibromofluoromethane	0.385	0.386	-0.3	115	-0.05
36	T	1,1-Dichloropropene	0.589	0.550	6.6	97	-0.04
37	T	Ethyl Acetate	0.235	0.222	5.5	114	-0.04
38	T	Carbon Tetrachloride	0.471	0.514	-9.1	112	-0.04
39	T	Methylcyclohexane	0.629	0.588	6.5	97	-0.04
40	TM	Benzene	1.336	1.143	14.4	92	-0.04
41	T	Methacrylonitrile	0.134	0.117	12.7	114	-0.05
42	TM	1,2-Dichloroethane	0.447	0.416	6.9	106	-0.04
43	T	Isopropyl Acetate	0.314	0.299	4.8	116	-0.03
44	TM	Trichloroethene	0.416	0.363	12.7	100	-0.04
45	C	1,2-Dichloropropane	0.341	0.322	5.6#	99	-0.04

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46	T	Dibromomethane	0.225	0.207	8.0	105	-0.04
47	T	Bromodichloromethane	0.572	0.512	10.5	99	-0.04
48	T	Methyl methacrylate	0.203	0.185	8.9	98	-0.03
49	T	1,4-Dioxane	0.001	0.001	0.0	97	-0.04
50	S	Toluene-d8	1.142	1.160	-1.6	113	-0.04
51	T	4-Methyl-2-Pentanone	0.218	0.204	6.4	115	-0.04
52	CM	Toluene	0.873	0.745	14.7#	93	-0.04
53	T	t-1,3-Dichloropropene	0.466	0.414	11.2	100	-0.04
54	T	cis-1,3-Dichloropropene	0.592	0.547	7.6	104	-0.04
55	T	1,1,2-Trichloroethane	0.251	0.234	6.8	106	-0.04
56	T	Ethyl methacrylate	0.277	0.277	0.0	110	-0.04
57	T	1,3-Dichloropropane	0.472	0.385	18.4	92	-0.04
58	T	2-Chloroethyl Vinyl ether	0.034	0.016	52.9#	50#	-0.03
59	T	2-Hexanone	0.158	0.156	1.3	123	-0.04
60	T	Dibromochloromethane	0.356	0.340	4.5	108	-0.03
61	T	1,2-Dibromoethane	0.271	0.233	14.0	95	-0.04
62	S	4-Bromofluorobenzene	0.506	0.493	2.6	112	-0.02
63	I	Chlorobenzene-d5	1.000	1.000	0.0	105	-0.04
64	T	Tetrachloroethene	0.383	0.381	0.5	101	-0.04
65	PM	Chlorobenzene	1.017	0.949	6.7	95	-0.04
66	T	1,1,1,2-Tetrachloroethane	0.418	0.393	6.0	97	-0.04
67	C	Ethyl Benzene	1.869	1.773	5.1#	94	-0.03
68	T	m/p-Xylenes	0.682	0.631	7.5	99	-0.04
69	T	o-Xylene	0.738	0.719	2.6	96	-0.04
70	T	Styrene	1.016	0.939	7.6	98	-0.03
71	P	Bromoform	0.194	0.200	-3.1	108	-0.03
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	108	-0.02
73	T	Isopropylbenzene	4.247	4.043	4.8	98	-0.03
74	T	N-amyl acetate	1.072	1.087	-1.4	117	-0.02
75	P	1,1,2,2-Tetrachloroethane	0.742	0.698	5.9	112	-0.02
76	T	1,2,3-Trichloropropane	0.551	0.514	6.7	110	-0.02
77	T	Bromobenzene	0.892	0.871	2.4	103	-0.03
78	T	n-propylbenzene	5.062	4.637	8.4	101	-0.03
79	T	2-Chlorotoluene	2.924	2.643	9.6	98	-0.03
80	T	1,3,5-Trimethylbenzene	3.429	3.140	8.4	99	-0.02
81	T	trans-1,4-Dichloro-2-butene	0.252	0.215	14.7	95	-0.03
82	T	4-Chlorotoluene	2.964	2.690	9.2	98	-0.03
83	T	tert-Butylbenzene	3.535	3.287	7.0	101	-0.02
84	T	1,2,4-Trimethylbenzene	3.413	3.271	4.2	106	-0.03
85	T	sec-Butylbenzene	4.795	4.433	7.5	101	-0.02
86	T	p-Isopropyltoluene	3.951	3.606	8.7	97	-0.03
87	T	1,3-Dichlorobenzene	1.720	1.559	9.4	101	-0.02
88	T	1,4-Dichlorobenzene	1.679	1.547	7.9	98	-0.03
89	T	n-Butylbenzene	4.060	3.635	10.5	96	-0.03

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.975	0.923	5.3	99	-0.02
91 T	1,2-Dichlorobenzene	1.662	1.505	9.4	101	-0.03
92 T	1,2-Dibromo-3-Chloropropane	0.133	0.127	4.5	111	-0.03
93 T	1,2,4-Trichlorobenzene	1.164	1.086	6.7	102	-0.02
94 T	Hexachlorobutadiene	0.741	0.695	6.2	100	-0.02
95 T	Naphthalene	2.175	2.099	3.5	109	-0.02
96 T	1,2,3-Trichlorobenzene	1.079	1.037	3.9	104	-0.02

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