Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_F\Data\VF021419\
Data File : VF061632.D
Acq On : 14 Feb 2019 10:57
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: Feb 15 00:55:19 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	112	-0.03
2	T	Dichlorodifluoromethane	0.574	0.601	-4.7	130	0.00
3	P	Chloromethane	0.602	0.667	-10.8	128	0.00
4	C	Vinyl Chloride	0.560	0.623	-11.2#	130	0.00
5	T	Bromomethane	0.385	0.453	-17.7	129	0.00
6	T	Chloroethane	0.276	0.324	-17.4	135	-0.01
7	T	Trichlorofluoromethane	0.676	0.736	-8.9	127	0.00
8	T	Diethyl Ether	0.170	0.170	0.0	113	-0.01
9	T	1,1,2-Trichlorotrifluoroeth	0.487	0.510	-4.7	124	-0.01
10	T	Methyl Iodide	0.931	0.999	-7.3	121	-0.01
11	T	Tert butyl alcohol	0.021	0.019	9.5	104	-0.01
12	CM	1,1-Dichloroethene	0.428	0.478	-11.7#	129	-0.01
13	T	Acrolein	0.027	0.029	-7.4	117	-0.01
14	T	Allyl chloride	0.526	0.658	-25.1#	139	-0.01
15	T	Acrylonitrile	0.075	0.069	8.0	107	-0.02
16	T	Acetone	0.079	0.089	-12.7	126	-0.01
17	T	Carbon Disulfide	1.347	1.479	-9.8	126	-0.03
18	T	Methyl Acetate	0.177	0.163	7.9	117	-0.01
19	T	Methyl tert-butyl Ether	0.732	0.760	-3.8	119	-0.01
20	T	Methylene Chloride	0.475	0.470	1.1	129	-0.01
21	T	trans-1,2-Dichloroethene	0.466	0.495	-6.2	123	-0.01
22	T	Diisopropyl ether	1.262	1.334	-5.7	122	-0.02
23	T	Vinyl Acetate	0.616	0.614	0.3	115	-0.02
24	P	1,1-Dichloroethane	0.764	0.802	-5.0	124	-0.01
25	T	2-Butanone	0.172	0.177	-2.9	120	-0.01
26	T	2,2-Dichloropropane	0.324	0.373	-15.1	133	-0.02
27	T	cis-1,2-Dichloroethene	0.611	0.644	-5.4	122	-0.02
28	T	Bromochloromethane	0.366	0.358	2.2	104	-0.01
29		Tetrahydrofuran	0.078	0.067	14.1	102	-0.03
30	C	Chloroform	0.869	0.899	-3.5#	117	-0.02
31	T	Cyclohexane	0.827	0.869	-5.1	122	-0.02
32	T	1,1,1-Trichloroethane	0.569	0.621	-9.1	116	-0.01
33	S	1,2-Dichloroethane-d4	0.367	0.376	-2.5	113	-0.02
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	111	-0.02
35	S	Dibromofluoromethane	0.371	0.379	-2.2	118	-0.02
36	T	1,1-Dichloropropene	0.495	0.531	-7.3	126	-0.02
37	T	Ethyl Acetate	0.230	0.200	13.0	108	-0.03
38	T	Carbon Tetrachloride	0.342	0.368	-7.6	128	-0.02
39	T	Methylcyclohexane	0.586	0.646	-10.2	127	-0.02
40	TM	Benzene	1.296	1.412	-9.0	126	-0.02
41	T	Methacrylonitrile	0.118	0.110	6.8	109	-0.03
42	TM	1,2-Dichloroethane	0.310	0.314	-1.3	115	-0.02
43	T	Isopropyl Acetate	0.272	0.235	13.6	106	-0.02
44	TM	Trichloroethene	0.419	0.410	2.1	116	-0.01
45	C	1,2-Dichloropropane	0.313	0.313	0.0	113	-0.02

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46	T	Dibromomethane	0.193	0.202	-4.7	115	-0.02
47	T	Bromodichloromethane	0.422	0.446	-5.7	117	-0.02
48	T	Methyl methacrylate	0.164	0.155	5.5	109	-0.01
49	T	1,4-Dioxane	0.002	0.002	0.0	110	-0.02
50	S	Toluene-d8	1.067	1.121	-5.1	115	-0.01
51	T	4-Methyl-2-Pentanone	0.195	0.171	12.3	102	-0.02
52	CM	Toluene	0.786	0.782	0.5#	121	-0.01
53	T	t-1,3-Dichloropropene	0.351	0.335	4.6	111	-0.02
54	T	cis-1,3-Dichloropropene	0.468	0.518	-10.7	128	-0.02
55	T	1,1,2-Trichloroethane	0.231	0.231	0.0	112	-0.01
56	T	Ethyl methacrylate	0.257	0.240	6.6	110	-0.01
57	T	1,3-Dichloropropane	0.385	0.354	8.1	106	-0.01
58	T	2-Chloroethyl Vinyl ether	0.044	0.033	25.0	88	-0.01
59	T	2-Hexanone	0.136	0.128	5.9	111	-0.02
60	T	Dibromochloromethane	0.321	0.319	0.6	111	-0.01
61	T	1,2-Dibromoethane	0.250	0.239	4.4	109	-0.02
62	S	4-Bromofluorobenzene	0.432	0.430	0.5	117	-0.01
63	I	Chlorobenzene-d5	1.000	1.000	0.0	108	-0.02
64	T	Tetrachloroethene	0.409	0.428	-4.6	118	-0.01
65	PM	Chlorobenzene	1.015	1.035	-2.0	117	-0.02
66	T	1,1,1,2-Tetrachloroethane	0.398	0.423	-6.3	121	-0.01
67	C	Ethyl Benzene	1.687	1.738	-3.0#	120	-0.01
68	T	m/p-Xylenes	0.646	0.678	-5.0	122	-0.02
69	T	o-Xylene	0.689	0.740	-7.4	120	-0.02
70	T	Styrene	0.975	0.954	2.2	114	-0.01
71	P	Bromoform	0.216	0.204	5.6	104	-0.02
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	104	-0.01
73	T	Isopropylbenzene	3.560	4.077	-14.5	123	-0.01
74	T	N-amyl acetate	0.854	0.877	-2.7	108	-0.01
75	P	1,1,2,2-Tetrachloroethane	0.638	0.616	3.4	103	-0.01
76	T	1,2,3-Trichloropropane	0.434	0.410	5.5	101	-0.01
77	T	Bromobenzene	0.879	0.972	-10.6	122	-0.01
78	T	n-propylbenzene	4.085	4.587	-12.3	122	-0.01
79	T	2-Chlorotoluene	2.288	2.526	-10.4	116	-0.01
80	T	1,3,5-Trimethylbenzene	2.845	3.119	-9.6	117	-0.01
81	T	trans-1,4-Dichloro-2-butene	0.208	0.212	-1.9	105	-0.01
82	T	4-Chlorotoluene	2.375	2.494	-5.0	114	-0.01
83	T	tert-Butylbenzene	3.151	3.396	-7.8	111	-0.01
84	T	1,2,4-Trimethylbenzene	2.827	3.087	-9.2	120	-0.01
85	T	sec-Butylbenzene	4.075	4.589	-12.6	119	-0.01
86	T	p-Isopropyltoluene	3.420	3.752	-9.7	118	0.00
87	T	1,3-Dichlorobenzene	1.715	1.728	-0.8	112	-0.01
88	T	1,4-Dichlorobenzene	1.649	1.755	-6.4	117	-0.01
89	T	n-Butylbenzene	3.230	3.649	-13.0	121	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.795	0.936	-17.7	120	-0.01
91 T	1,2-Dichlorobenzene	1.631	1.676	-2.8	112	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.101	0.104	-3.0	103	0.00
93 T	1,2,4-Trichlorobenzene	1.169	1.272	-8.8	119	-0.01
94 T	Hexachlorobutadiene	0.722	0.816	-13.0	121	-0.01
95 T	Naphthalene	2.045	2.189	-7.0	111	-0.01
96 T	1,2,3-Trichlorobenzene	1.073	1.152	-7.4	112	-0.01

(#) = Out of Range SPCC's out = 0 CCC's out = 5