Evaluate Continuing Calibration Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF122218\
Data File : VF061140.D
Acq On : 22 Dec 2018 12:49
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: Dec 24 03:08:47 2018
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	90	0.02
2	T	Dichlorodifluoromethane	1.111	1.138	-2.4	92	0.00
3	P	Chloromethane	0.637	0.760	-19.3	109	0.00
4	C	Vinyl Chloride	0.591	0.690	-16.8#	103	0.00
5	T	Bromomethane	0.410	0.452	-10.2	97	0.00
6	T	Chloroethane	0.272	0.312	-14.7	103	0.00
7	T	Trichlorofluoromethane	1.128	1.215	-7.7	93	0.00
8	T	Diethyl Ether	0.154	0.188	-22.1	108	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.585	0.630	-7.7	101	0.01
10	T	Methyl Iodide	0.922	1.017	-10.3	103	0.01
11	T	Tert butyl alcohol	0.026	0.030	-15.4	102	0.02
12	CM	1,1-Dichloroethene	0.441	0.498	-12.9#	100	0.01
13	T	Acrolein	0.019	0.011	42.1#	61	0.00
14	T	Allyl chloride	0.459	0.570	-24.2	120	0.01
15	T	Acrylonitrile	0.060	0.072	-20.0	102	0.02
16	T	Acetone	0.129	0.094	27.1#	62	0.01
17	T	Carbon Disulfide	1.332	1.463	-9.8	100	0.01
18	T	Methyl Acetate	0.266	0.327	-22.9	124	0.00
19	T	Methyl tert-butyl Ether	0.978	1.125	-15.0	104	0.01
20	T	Methylene Chloride	0.477	0.520	-9.0	111	0.02
21	T	trans-1,2-Dichloroethene	0.471	0.515	-9.3	106	0.01
22	T	Diisopropyl ether	1.528	1.772	-16.0	106	0.01
23	T	Vinyl Acetate	0.705	0.805	-14.2	102	0.02
24	P	1,1-Dichloroethane	0.905	1.005	-11.0	98	0.01
25	T	2-Butanone	0.208	0.221	-6.3	96	0.02
26	T	2,2-Dichloropropane	0.519	0.435	16.2	76	0.02
27	T	cis-1,2-Dichloroethene	0.722	0.843	-16.8	110	0.02
28	T	Bromochloromethane	0.459	0.525	-14.4	104	0.02
29		Tetrahydrofuran	0.085	0.110	-29.4#	121	0.02
30	C	Chloroform	1.357	1.491	-9.9#	98	0.02
31	T	Cyclohexane	0.939	1.083	-15.3	107	0.02
32	T	1,1,1-Trichloroethane	0.814	0.838	-2.9	97	0.03
33	S	1,2-Dichloroethane-d4	0.643	0.704	-9.5	104	0.02
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	96	0.03
35	S	Dibromofluoromethane	0.401	0.422	-5.2	109	0.02
36	T	1,1-Dichloropropene	0.604	0.615	-1.8	97	0.03
37	T	Ethyl Acetate	0.248	0.268	-8.1	109	0.02
38	T	Carbon Tetrachloride	0.460	0.466	-1.3	97	0.03
39	T	Methylcyclohexane	0.541	0.652	-20.5	110	0.03
40	TM	Benzene	1.298	1.386	-6.8	104	0.03
41	T	Methacrylonitrile	0.127	0.140	-10.2	106	0.02
42	TM	1,2-Dichloroethane	0.493	0.511	-3.7	98	0.02
43	T	Isopropyl Acetate	0.291	0.341	-17.2	116	0.03
44	TM	Trichloroethene	0.409	0.428	-4.6	100	0.02
45	C	1,2-Dichloropropane	0.353	0.385	-9.1#	106	0.02

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46	T	Dibromomethane	0.229	0.248	-8.3	103	0.02
47	T	Bromodichloromethane	0.595	0.614	-3.2	95	0.02
48	T	Methyl methacrylate	0.203	0.235	-15.8	109	0.02
49	T	1,4-Dioxane	0.001	0.002	-100.0#	112	0.02
50	S	Toluene-d8	1.135	1.237	-9.0	108	0.02
51	T	4-Methyl-2-Pentanone	0.200	0.215	-7.5	105	0.02
52	CM	Toluene	0.859	0.905	-5.4#	104	0.02
53	T	t-1,3-Dichloropropene	0.480	0.448	6.7	92	0.02
54	T	cis-1,3-Dichloropropene	0.602	0.585	2.8	95	0.02
55	T	1,1,2-Trichloroethane	0.258	0.272	-5.4	107	0.02
56	T	Ethyl methacrylate	0.279	0.327	-17.2	112	0.02
57	T	1,3-Dichloropropane	0.466	0.512	-9.9	109	0.02
58	T	2-Chloroethyl Vinyl ether	0.054	0.059	-9.3	109	0.02
59	T	2-Hexanone	0.145	0.149	-2.8	98	0.02
60	T	Dibromochloromethane	0.369	0.397	-7.6	100	0.02
61	T	1,2-Dibromoethane	0.275	0.304	-10.5	106	0.02
62	S	4-Bromofluorobenzene	0.523	0.517	1.1	102	0.01
63	I	Chlorobenzene-d5	1.000	1.000	0.0	92	0.02
64	T	Tetrachloroethene	0.385	0.477	-23.9	118	0.03
65	PM	Chlorobenzene	1.033	1.123	-8.7	105	0.02
66	T	1,1,1,2-Tetrachloroethane	0.422	0.450	-6.6	106	0.02
67	C	Ethyl Benzene	1.882	1.973	-4.8#	102	0.03
68	T	m/p-Xylenes	0.662	0.669	-1.1	98	0.02
69	T	o-Xylene	0.734	0.784	-6.8	103	0.02
70	T	Styrene	1.022	1.003	1.9	99	0.02
71	P	Bromoform	0.195	0.212	-8.7	105	0.02
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	90	0.02
73	T	Isopropylbenzene	4.309	4.897	-13.6	100	0.01
74	T	N-amyl acetate	0.957	1.141	-19.2	107	0.01
75	P	1,1,2,2-Tetrachloroethane	0.715	0.867	-21.3	108	0.01
76	T	1,2,3-Trichloropropane	0.532	0.591	-11.1	99	0.01
77	T	Bromobenzene	0.928	1.005	-8.3	96	0.02
78	T	n-propylbenzene	5.104	5.561	-9.0	97	0.02
79	T	2-Chlorotoluene	2.956	3.305	-11.8	100	0.01
80	T	1,3,5-Trimethylbenzene	3.548	3.785	-6.7	95	0.01
81	T	trans-1,4-Dichloro-2-butene	0.229	0.268	-17.0	102	0.02
82	T	4-Chlorotoluene	3.058	3.177	-3.9	96	0.02
83	T	tert-Butylbenzene	3.651	3.924	-7.5	96	0.01
84	T	1,2,4-Trimethylbenzene	3.538	3.788	-7.1	98	0.01
85	T	sec-Butylbenzene	4.764	5.261	-10.4	99	0.02
86	T	p-Isopropyltoluene	3.955	4.061	-2.7	92	0.02
87	T	1,3-Dichlorobenzene	1.749	1.746	0.2	94	0.01
88	T	1,4-Dichlorobenzene	1.703	1.837	-7.9	100	0.01
89	T	n-Butylbenzene	4.088	4.393	-7.5	97	0.01

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.977	1.132	-15.9	102	0.02
91 T	1,2-Dichlorobenzene	1.658	1.801	-8.6	97	0.01
92 T	1,2-Dibromo-3-Chloropropane	0.131	0.167	-27.5#	108	0.01
93 T	1,2,4-Trichlorobenzene	1.176	1.234	-4.9	95	0.02
94 T	Hexachlorobutadiene	0.749	0.803	-7.2	95	0.02
95 T	Naphthalene	2.147	2.557	-19.1	102	0.02
96 T	1,2,3-Trichlorobenzene	1.087	1.178	-8.4	91	0.01

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