Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF061818\
Data File : VF059189.D
Acq On : 18 Jun 2018 21:30
Operator : VA/AP
Sample : VSTDCCC050EC
Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_F
LabSampleId : VSTDCCC050

Quant Time: Jun 19 04:29:03 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F060618S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 07 10:52:00 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	45#	-0.01
2	T	Dichlorodifluoromethane	0.566	0.500	11.7	41#	0.00
3	P	Chloromethane	0.438	0.363	17.1	37#	0.00
4	C	Vinyl Chloride	0.395	0.373	5.6#	42#	-0.01
5	T	Bromomethane	0.230	0.257	-11.7	52	-0.01
6	T	Chloroethane	0.164	0.187	-14.0	49#	-0.01
7	T	Trichlorofluoromethane	0.615	0.605	1.6	41#	0.00
8	T	Diethyl Ether	0.155	0.178	-14.8	52	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.392	0.405	-3.3	46#	0.00
10	T	Methyl Iodide	0.686	0.778	-13.4	50#	-0.01
11	T	Tert butyl alcohol	0.039	0.050	-28.2#	61	0.00
12	CM	1,1-Dichloroethene	0.329	0.358	-8.8#	47#	-0.01
13	T	Acrolein	0.034	0.038	-11.8	59	0.00
14	T	Allyl chloride	0.647	0.711	-9.9	51	0.00
15	T	Acrylonitrile	0.077	0.100	-29.9#	53	-0.01
16	T	Acetone	0.145	0.184	-26.9#	58	0.00
17	T	Carbon Disulfide	0.925	0.928	-0.3	44#	0.00
18	T	Methyl Acetate	0.249	0.385	-54.6#	74	0.00
19	T	Methyl tert-butyl Ether	1.023	1.248	-22.0	55	0.00
20	T	Methylene Chloride	0.347	0.420	-21.0	57	0.00
21	T	trans-1,2-Dichloroethene	0.361	0.379	-5.0	48#	-0.01
22	T	Diisopropyl ether	1.271	1.502	-18.2	56	0.00
23	T	Vinyl Acetate	0.838	0.998	-19.1	53	-0.01
24	P	1,1-Dichloroethane	0.771	0.875	-13.5	53	0.00
25	T	2-Butanone	0.224	0.250	-11.6	54	0.00
26	T	2,2-Dichloropropane	0.559	0.682	-22.0	55	0.00
27	T	cis-1,2-Dichloroethene	0.556	0.590	-6.1	47#	0.00
28	T	Bromochloromethane	0.347	0.347	0.0	49#	-0.01
29		Tetrahydrofuran	0.099	0.114	-15.2	53	0.00
30	C	Chloroform	1.102	1.221	-10.8#	49#	0.00
31	T	Cyclohexane	0.673	0.632	6.1	43#	-0.01
32	T	1,1,1-Trichloroethane	0.823	0.948	-15.2	51	-0.01
33	S	1,2-Dichloroethane-d4	0.606	0.686	-13.2	51	-0.01
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	46#	-0.01
35	S	Dibromofluoromethane	0.351	0.395	-12.5	48#	-0.01
36	T	1,1-Dichloropropene	0.485	0.512	-5.6	46#	0.00
37	T	Ethyl Acetate	0.299	0.379	-26.8#	60	-0.01
38	T	Carbon Tetrachloride	0.525	0.593	-13.0	48#	-0.01
39	T	Methylcyclohexane	0.494	0.505	-2.2	44#	-0.01
40	TM	Benzene	1.125	1.223	-8.7	49#	-0.01
41	T	Methacrylonitrile	0.147	0.162	-10.2	50	0.00
42	TM	1,2-Dichloroethane	0.505	0.602	-19.2	52	-0.01
43	T	Isopropyl Acetate	0.401	0.424	-5.7	51	-0.01
44	TM	Trichloroethene	0.351	0.392	-11.7	51	-0.01
45	C	1,2-Dichloropropane	0.324	0.325	-0.3#	45#	0.00

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46	T	Dibromomethane	0.244	0.266	-9.0	47#	0.00
47	T	Bromodichloromethane	0.555	0.638	-15.0	50#	-0.01
48	T	Methyl methacrylate	0.247	0.275	-11.3	49#	-0.01
49	T	1,4-Dioxane	0.002	0.003	-50.0#	72	0.00
50	S	Toluene-d8	1.031	1.030	0.1	42#	-0.01
51	T	4-Methyl-2-Pentanone	0.275	0.311	-13.1	54	-0.01
52	CM	Toluene	0.810	0.809	0.1#	45#	-0.01
53	T	t-1,3-Dichloropropene	0.538	0.562	-4.5	50#	-0.01
54	T	cis-1,3-Dichloropropene	0.618	0.638	-3.2	46#	0.00
55	T	1,1,2-Trichloroethane	0.294	0.301	-2.4	45#	-0.01
56	T	Ethyl methacrylate	0.370	0.373	-0.8	47#	-0.01
57	T	1,3-Dichloropropane	0.502	0.540	-7.6	47#	0.00
58	T	2-Chloroethyl Vinyl ether	0.026	0.028	-7.7	50#	-0.01
59	T	2-Hexanone	0.217	0.222	-2.3	49#	-0.01
60	T	Dibromochloromethane	0.422	0.458	-8.5	48#	0.00
61	T	1,2-Dibromoethane	0.341	0.365	-7.0	48#	-0.01
62	S	4-Bromofluorobenzene	0.529	0.515	2.6	44#	-0.01
63	I	Chlorobenzene-d5	1.000	1.000	0.0	43#	0.00
64	T	Tetrachloroethene	0.367	0.377	-2.7	43#	0.00
65	PM	Chlorobenzene	0.990	1.062	-7.3	46#	-0.01
66	T	1,1,1,2-Tetrachloroethane	0.394	0.457	-16.0	50	-0.01
67	C	Ethyl Benzene	1.720	1.816	-5.6#	44#	-0.01
68	T	m/p-Xylenes	0.644	0.637	1.1	46#	-0.01
69	T	o-Xylene	0.696	0.685	1.6	42#	-0.01
70	T	Styrene	1.053	1.088	-3.3	44#	0.00
71	P	Bromoform	0.267	0.318	-19.1	51	-0.01
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	44#	-0.01
73	T	Isopropylbenzene	3.462	3.600	-4.0	45#	0.00
74	T	N-amyl acetate	1.237	1.245	-0.6	46#	0.00
75	P	1,1,2,2-Tetrachloroethane	0.821	0.840	-2.3	47#	-0.01
76	T	1,2,3-Trichloropropane	0.606	0.646	-6.6	49#	0.00
77	T	Bromobenzene	0.871	0.933	-7.1	47#	0.00
78	T	n-propylbenzene	4.097	4.106	-0.2	44#	0.00
79	T	2-Chlorotoluene	2.421	2.438	-0.7	45#	-0.01
80	T	1,3,5-Trimethylbenzene	2.865	3.023	-5.5	46#	-0.01
81	T	trans-1,4-Dichloro-2-butene	0.393	0.379	3.6	45#	0.00
82	T	4-Chlorotoluene	2.577	2.520	2.2	44#	-0.01
83	T	tert-Butylbenzene	2.845	3.154	-10.9	47#	0.00
84	T	1,2,4-Trimethylbenzene	2.969	3.056	-2.9	43#	-0.01
85	T	sec-Butylbenzene	3.866	3.933	-1.7	44#	0.00
86	T	p-Isopropyltoluene	3.175	3.487	-9.8	46#	0.00
87	T	1,3-Dichlorobenzene	1.608	1.617	-0.6	45#	0.00
88	T	1,4-Dichlorobenzene	1.550	1.638	-5.7	46#	0.00
89	T	n-Butylbenzene	3.325	3.198	3.8	41#	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90	T	Hexachloroethane	0.782	0.815	-4.2	45#	0.00
91	T	1,2-Dichlorobenzene	1.550	1.584	-2.2	46#	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.161	0.184	-14.3	49#	0.00
93	T	1,2,4-Trichlorobenzene	1.084	1.202	-10.9	48#	-0.01
94	T	Hexachlorobutadiene	0.627	0.747	-19.1	50	0.00
95	T	Naphthalene	2.315	2.653	-14.6	50	-0.01
96	T	1,2,3-Trichlorobenzene	1.002	1.144	-14.2	48#	0.00

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