Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF032319\
Data File : VF062112.D
Acq On : 23 Mar 2019 11:54
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 25 03:56:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F032219S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 23 01:16:37 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	91	-0.04
2	T	Dichlorodifluoromethane	0.641	0.654	-2.0	94	-0.01
3	P	Chloromethane	0.670	0.627	6.4	86	-0.01
4	C	Vinyl Chloride	0.620	0.628	-1.3#	91	-0.01
5	T	Bromomethane	0.446	0.436	2.2	91	-0.01
6	T	Chloroethane	0.312	0.281	9.9	81	-0.02
7	T	Trichlorofluoromethane	0.749	0.751	-0.3	88	-0.03
8	T	Diethyl Ether	0.171	0.159	7.0	84	-0.01
9	T	1,1,2-Trichlorotrifluoroeth	0.511	0.512	-0.2	89	-0.02
10	T	Methyl Iodide	0.971	0.971	0.0	91	-0.01
11	T	Tert butyl alcohol	0.020	0.019	5.0	82	-0.01
12	CM	1,1-Dichloroethene	0.482	0.497	-3.1#	94	-0.02
13	T	Acrolein	0.025	0.024	4.0	83	-0.01
14	T	Allyl chloride	0.515	0.530	-2.9	92	-0.02
15	T	Acrylonitrile	0.072	0.064	11.1	82	-0.02
16	T	Acetone	0.078	0.094	-20.5	92	-0.01
17	T	Carbon Disulfide	1.470	1.525	-3.7	91	-0.03
18	T	Methyl Acetate	0.187	0.159	15.0	85	-0.02
19	T	Methyl tert-butyl Ether	0.762	0.739	3.0	88	-0.02
20	T	Methylene Chloride	0.534	0.454	15.0	87	-0.01
21	T	trans-1,2-Dichloroethene	0.464	0.402	13.4	77	-0.02
22	T	Diisopropyl ether	1.349	1.310	2.9	91	-0.02
23	T	Vinyl Acetate	0.552	0.576	-4.3	94	-0.02
24	P	1,1-Dichloroethane	0.809	0.815	-0.7	94	-0.02
25	T	2-Butanone	0.163	0.168	-3.1	88	-0.02
26	T	2,2-Dichloropropane	0.328	0.348	-6.1	93	-0.02
27	T	cis-1,2-Dichloroethene	0.614	0.583	5.0	89	-0.03
28	T	Bromochloromethane	0.331	0.350	-5.7	91	-0.03
29		Tetrahydrofuran	0.071	0.065	8.5	87	-0.03
30	C	Chloroform	0.855	0.893	-4.4#	97	-0.03
31	T	Cyclohexane	0.845	0.836	1.1	90	-0.03
32	T	1,1,1-Trichloroethane	0.520	0.512	1.5	91	-0.03
33	S	1,2-Dichloroethane-d4	0.372	0.403	-8.3	91	-0.03
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	95	-0.03
35	S	Dibromofluoromethane	0.338	0.375	-10.9	97	-0.03
36	T	1,1-Dichloropropene	0.476	0.479	-0.6	94	-0.04
37	T	Ethyl Acetate	0.208	0.193	7.2	90	-0.04
38	T	Carbon Tetrachloride	0.325	0.323	0.6	92	-0.03
39	T	Methylcyclohexane	0.553	0.566	-2.4	90	-0.04
40	TM	Benzene	1.277	1.217	4.7	89	-0.04
41	T	Methacrylonitrile	0.110	0.105	4.5	87	-0.03
42	TM	1,2-Dichloroethane	0.302	0.305	-1.0	93	-0.03
43	T	Isopropyl Acetate	0.252	0.225	10.7	84	-0.03
44	TM	Trichloroethene	0.390	0.386	1.0	92	-0.03
45	C	1,2-Dichloropropane	0.305	0.296	3.0#	91	-0.03

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46	T	Dibromomethane	0.186	0.183	1.6	92	-0.03
47	T	Bromodichloromethane	0.412	0.425	-3.2	97	-0.03
48	T	Methyl methacrylate	0.144	0.139	3.5	90	-0.03
49	T	1,4-Dioxane	0.001	0.001	0.0	91	-0.02
50	S	Toluene-d8	1.010	1.094	-8.3	91	-0.03
51	T	4-Methyl-2-Pentanone	0.169	0.163	3.6	91	-0.03
52	CM	Toluene	0.739	0.751	-1.6#	95	-0.03
53	T	t-1,3-Dichloropropene	0.324	0.345	-6.5	101	-0.03
54	T	cis-1,3-Dichloropropene	0.463	0.461	0.4	93	-0.03
55	T	1,1,2-Trichloroethane	0.210	0.200	4.8	86	-0.03
56	T	Ethyl methacrylate	0.251	0.243	3.2	87	-0.03
57	T	1,3-Dichloropropane	0.349	0.346	0.9	89	-0.03
58	T	2-Chloroethyl Vinyl ether	0.038	0.040	-5.3	92	-0.03
59	T	2-Hexanone	0.124	0.119	4.0	82	-0.03
60	T	Dibromochloromethane	0.292	0.303	-3.8	93	-0.02
61	T	1,2-Dibromoethane	0.224	0.219	2.2	86	-0.03
62	S	4-Bromofluorobenzene	0.390	0.426	-9.2	97	-0.02
63	I	Chlorobenzene-d5	1.000	1.000	0.0	94	-0.03
64	T	Tetrachloroethene	0.386	0.390	-1.0	95	-0.03
65	PM	Chlorobenzene	0.936	0.986	-5.3	98	-0.03
66	T	1,1,1,2-Tetrachloroethane	0.376	0.382	-1.6	94	-0.03
67	C	Ethyl Benzene	1.627	1.695	-4.2#	98	-0.03
68	T	m/p-Xylenes	0.608	0.603	0.8	94	-0.03
69	T	o-Xylene	0.637	0.670	-5.2	93	-0.02
70	T	Styrene	0.965	0.930	3.6	94	-0.02
71	P	Bromoform	0.192	0.187	2.6	91	-0.02
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	94	-0.02
73	T	Isopropylbenzene	3.518	3.730	-6.0	97	-0.02
74	T	N-amyl acetate	0.838	0.842	-0.5	90	-0.02
75	P	1,1,2,2-Tetrachloroethane	0.604	0.612	-1.3	91	-0.02
76	T	1,2,3-Trichloropropane	0.425	0.408	4.0	91	-0.02
77	T	Bromobenzene	0.860	0.881	-2.4	98	-0.03
78	T	n-propylbenzene	4.085	4.170	-2.1	95	-0.02
79	T	2-Chlorotoluene	2.271	2.435	-7.2	98	-0.02
80	T	1,3,5-Trimethylbenzene	2.894	2.938	-1.5	92	-0.02
81	T	trans-1,4-Dichloro-2-butene	0.173	0.166	4.0	83	-0.02
82	T	4-Chlorotoluene	2.328	2.371	-1.8	96	-0.02
83	T	tert-Butylbenzene	3.029	3.213	-6.1	96	-0.02
84	T	1,2,4-Trimethylbenzene	2.837	2.945	-3.8	96	-0.02
85	T	sec-Butylbenzene	3.919	3.944	-0.6	92	-0.02
86	T	p-Isopropyltoluene	3.395	3.547	-4.5	100	-0.02
87	T	1,3-Dichlorobenzene	1.597	1.626	-1.8	98	-0.02
88	T	1,4-Dichlorobenzene	1.558	1.618	-3.9	95	-0.02
89	T	n-Butylbenzene	3.239	3.360	-3.7	95	-0.02

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.808	0.861	-6.6	95	-0.02
91 T	1,2-Dichlorobenzene	1.500	1.518	-1.2	94	-0.02
92 T	1,2-Dibromo-3-Chloropropane	0.092	0.093	-1.1	89	-0.02
93 T	1,2,4-Trichlorobenzene	1.045	1.094	-4.7	101	-0.01
94 T	Hexachlorobutadiene	0.695	0.739	-6.3	98	-0.01
95 T	Naphthalene	1.831	1.831	0.0	87	-0.01
96 T	1,2,3-Trichlorobenzene	0.978	0.985	-0.7	92	-0.02

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