Evaluate Continuing Calibration Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072219\
Data File : VD063168.D
Acq On : 22 Jul 2019 10:53
Operator : VA/AP
Sample : VSTDCCC050
Misc : 5.00g/5ml/MSVOA D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_D
LabSampleId : VSTDCCC050

Quant Time: Jul 23 07:56:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D071519S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 16 08:11:56 2019
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	1.000	1.000	0.0	96	0.02
2	T	Dichlorodifluoromethane	0.648	0.541	16.5	97	0.00
3	P	Chloromethane	0.525	0.441	16.0	98	0.01
4	C	Vinyl Chloride	0.534	0.476	10.9#	101	0.01
5	T	Bromomethane	0.238	0.182	23.5#	88	0.01
6	T	Chloroethane	0.248	0.250	-0.8	106	0.01
7	T	Trichlorofluoromethane	1.080	1.050	2.8	98	0.01
8	T	Diethyl Ether	0.152	0.173	-13.8	120	0.02
9	T	1,1,2-Trichlorotrifluoroeth	0.623	0.597	4.2	112	0.01
10	T	Methyl Iodide	0.765	0.767	-0.3	103	0.01
11	T	Tert butyl alcohol	0.036	0.038	-5.6	103	0.01
12	CM	1,1-Dichloroethene	0.442	0.407	7.9#	105	0.01
13	T	Acrolein	0.011	0.007	36.4#	108	0.02
14	T	Allyl chloride	0.695	0.691	0.6	101	0.01
15	T	Acrylonitrile	0.079	0.087	-10.1	114	0.03
16	T	Acetone	0.150	0.172	-14.7	105	0.01
17	T	Carbon Disulfide	1.266	1.067	15.7	95	0.01
18	T	Methyl Acetate	0.278	0.224	19.4	113	0.01
19	T	Methyl tert-butyl Ether	1.117	1.219	-9.1	112	0.02
20	T	Methylene Chloride	0.568	0.514	9.5	98	0.01
21	T	trans-1,2-Dichloroethene	0.491	0.487	0.8	111	0.01
22	T	Diisopropyl ether	1.511	1.616	-6.9	108	0.02
23	T	Vinyl Acetate	0.882	1.041	-18.0	112	0.02
24	P	1,1-Dichloroethane	0.931	0.965	-3.7	105	0.02
25	T	2-Butanone	0.144	0.167	-16.0	114	0.02
26	T	2,2-Dichloropropane	1.030	1.040	-1.0	104	0.02
27	T	cis-1,2-Dichloroethene	0.559	0.545	2.5	102	0.03
28	T	Bromochloromethane	0.338	0.318	5.9	94	0.01
29		Tetrahydrofuran	0.065	0.073	-12.3	111	0.02
30	C	Chloroform	1.147	1.168	-1.8#	106	0.02
31	T	Cyclohexane	0.593	0.569	4.0	104	0.03
32	T	1,1,1-Trichloroethane	1.131	1.143	-1.1	104	0.02
33	S	1,2-Dichloroethane-d4	0.623	0.568	8.8	90	0.01
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	93	0.02
35	S	Dibromofluoromethane	0.498	0.487	2.2	98	0.02
36	T	1,1-Dichloropropene	0.562	0.542	3.6	102	0.02
37	T	Ethyl Acetate	0.241	0.293	-21.6#	117	0.02
38	T	Carbon Tetrachloride	0.854	0.839	1.8	102	0.02
39	T	Methylcyclohexane	0.486	0.451	7.2	102	0.02
40	TM	Benzene	1.178	1.190	-1.0	102	0.01
41	T	Methacrylonitrile	0.326	0.365	-12.0	114	0.03
42	TM	1,2-Dichloroethane	0.627	0.650	-3.7	107	0.02
43	T	Isopropyl Acetate	0.345	0.397	-15.1	112	0.02
44	TM	Trichloroethene	0.455	0.477	-4.8	111	0.02
45	C	1,2-Dichloropropane	0.294	0.315	-7.1#	112	0.01

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Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46	T	Dibromomethane	0.252	0.273	-8.3	109	0.01
47	T	Bromodichloromethane	0.658	0.698	-6.1	107	0.01
48	T	Methyl methacrylate	0.227	0.254	-11.9	112	0.02
49	T	1,4-Dioxane	0.002	0.002	0.0	109	0.02
50	S	Toluene-d8	1.070	0.954	10.8	91	0.01
51	T	4-Methyl-2-Pentanone	0.229	0.274	-19.7	114	0.02
52	CM	Toluene	0.786	0.808	-2.8#	107	0.02
53	T	t-1,3-Dichloropropene	0.564	0.626	-11.0	110	0.02
54	T	cis-1,3-Dichloropropene	0.583	0.645	-10.6	107	0.02
55	T	1,1,2-Trichloroethane	0.272	0.305	-12.1	113	0.02
56	T	Ethyl methacrylate	0.304	0.354	-16.4	115	0.02
57	T	1,3-Dichloropropane	0.414	0.450	-8.7	114	0.01
58	T	2-Chloroethyl Vinyl ether	0.169	0.179	-5.9	97	0.02
59	T	2-Hexanone	0.176	0.217	-23.3#	115	0.01
60	T	Dibromochloromethane	0.521	0.560	-7.5	106	0.01
61	T	1,2-Dibromoethane	0.325	0.348	-7.1	110	0.01
62	S	4-Bromofluorobenzene	0.495	0.451	8.9	94	0.01
63	I	Chlorobenzene-d5	1.000	1.000	0.0	95	0.01
64	T	Tetrachloroethene	0.485	0.471	2.9	108	0.02
65	PM	Chlorobenzene	1.175	1.225	-4.3	108	0.01
66	T	1,1,1,2-Tetrachloroethane	0.545	0.578	-6.1	112	0.01
67	C	Ethyl Benzene	2.042	2.041	0.0#	107	0.01
68	T	m/p-Xylenes	0.731	0.695	4.9	104	0.01
69	T	o-Xylene	0.694	0.675	2.7	102	0.00
70	T	Styrene	1.214	1.212	0.2	103	0.01
71	P	Bromoform	0.382	0.452	-18.3	119	0.01
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	98	0.00
73	T	Isopropylbenzene	3.861	3.912	-1.3	108	0.00
74	T	N-amyl acetate	1.077	1.158	-7.5	107	0.00
75	P	1,1,2,2-Tetrachloroethane	0.703	0.741	-5.4	106	0.00
76	T	1,2,3-Trichloropropane	0.769	0.843	-9.6	108	0.01
77	T	Bromobenzene	1.095	1.161	-6.0	110	0.00
78	T	n-propylbenzene	4.444	4.626	-4.1	104	0.01
79	T	2-Chlorotoluene	2.687	2.579	4.0	101	0.01
80	T	1,3,5-Trimethylbenzene	3.365	3.156	6.2	100	0.01
81	T	trans-1,4-Dichloro-2-butene	0.203	0.237	-16.7	118	0.00
82	T	4-Chlorotoluene	3.137	3.143	-0.2	105	0.00
83	T	tert-Butylbenzene	3.805	3.710	2.5	100	0.00
84	T	1,2,4-Trimethylbenzene	3.355	3.229	3.8	100	0.01
85	T	sec-Butylbenzene	4.043	3.828	5.3	99	0.00
86	T	p-Isopropyltoluene	3.772	3.916	-3.8	113	0.01
87	T	1,3-Dichlorobenzene	1.956	2.023	-3.4	111	0.00
88	T	1,4-Dichlorobenzene	1.875	1.893	-1.0	106	0.00
89	T	n-Butylbenzene	3.476	3.277	5.7	100	0.01

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	1.008	1.014	-0.6	103	0.00
91 T	1,2-Dichlorobenzene	1.741	1.725	0.9	104	0.01
92 T	1,2-Dibromo-3-Chloropropane	0.135	0.161	-19.3	118	0.01
93 T	1,2,4-Trichlorobenzene	1.308	1.387	-6.0	106	0.00
94 T	Hexachlorobutadiene	0.964	0.960	0.4	99	0.01
95 T	Naphthalene	1.914	2.172	-13.5	120	0.00
96 T	1,2,3-Trichlorobenzene	1.052	1.138	-8.2	107	0.00

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