Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD062618\
Data File : VD059415.D
Acq On : 26 Jun 2018 9:31
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: Jun 26 13:24:28 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D062518S.M
Quant Title : SW846 8260
QLast Update : Mon Jun 25 07:29:35 2018
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	107	-0.02
2	T	Dichlorodifluoromethane	0.445	0.434	2.5	112	0.01
3	P	Chloromethane	0.231	0.213	7.8	109	0.01
4	C	Vinyl Chloride	0.240	0.247	-2.9#	114	0.00
5	T	Bromomethane	0.093	0.096	-3.2	111	0.01
6	T	Chloroethane	0.099	0.107	-8.1	106	0.00
7	T	Trichlorofluoromethane	0.346	0.381	-10.1	115	0.00
8	T	Diethyl Ether	0.078	0.083	-6.4	114	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.215	0.222	-3.3	110	0.00
10	T	Methyl Iodide	0.251	0.265	-5.6	103	0.00
11	T	Tert butyl alcohol	0.018	0.020	-11.1	110	0.00
12	CM	1,1-Dichloroethene	0.165	0.170	-3.0#	116	0.00
13	T	Acrolein	0.016	0.013	18.8	96	0.00
14	T	Allyl chloride	0.377	0.397	-5.3	118	0.00
15	T	Acrylonitrile	0.054	0.067	-24.1#	133	0.00
16	T	Acetone	0.065	0.061	6.2	106	0.00
17	T	Carbon Disulfide	0.505	0.511	-1.2	112	0.00
18	T	Methyl Acetate	0.163	0.155	4.9	112	0.00
19	T	Methyl tert-butyl Ether	0.811	0.873	-7.6	118	0.00
20	T	Methylene Chloride	0.204	0.203	0.5	122	0.00
21	T	trans-1,2-Dichloroethene	0.291	0.365	-25.4#	136	-0.02
22	T	Diisopropyl ether	1.419	1.404	1.1	109	0.00
23	T	Vinyl Acetate	0.739	0.740	-0.1	106	-0.02
24	P	1,1-Dichloroethane	0.812	0.807	0.6	114	-0.02
25	T	2-Butanone	0.135	0.131	3.0	109	-0.02
26	T	2,2-Dichloropropane	0.630	0.607	3.7	108	-0.02
27	T	cis-1,2-Dichloroethene	0.490	0.479	2.2	116	-0.02
28	T	Bromochloromethane	0.352	0.380	-8.0	113	-0.02
29		Tetrahydrofuran	0.074	0.064	13.5	95	-0.02
30	C	Chloroform	0.885	0.901	-1.8#	114	-0.02
31	T	Cyclohexane	0.623	0.567	9.0	109	-0.02
32	T	1,1,1-Trichloroethane	0.717	0.774	-7.9	116	-0.02
33	S	1,2-Dichloroethane-d4	0.511	0.486	4.9	96	-0.02
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	109	-0.02
35	S	Dibromofluoromethane	0.407	0.382	6.1	98	-0.02
36	T	1,1-Dichloropropene	0.454	0.435	4.2	110	-0.02
37	T	Ethyl Acetate	0.276	0.232	15.9	95	-0.02
38	T	Carbon Tetrachloride	0.468	0.498	-6.4	120	-0.02
39	T	Methylcyclohexane	0.430	0.416	3.3	111	-0.02
40	TM	Benzene	1.088	1.017	6.5	106	-0.02
41	T	Methacrylonitrile	0.133	0.116	12.8	93	-0.02
42	TM	1,2-Dichloroethane	0.481	0.481	0.0	112	-0.02
43	T	Isopropyl Acetate	0.347	0.334	3.7	107	-0.02
44	TM	Trichloroethene	0.356	0.334	6.2	110	-0.03
45	C	1,2-Dichloropropane	0.301	0.288	4.3#	111	-0.02

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46	T	Dibromomethane	0.217	0.216	0.5	111	-0.02
47	T	Bromodichloromethane	0.485	0.507	-4.5	110	-0.02
48	T	Methyl methacrylate	0.211	0.205	2.8	112	-0.02
49	T	1,4-Dioxane	0.002	0.002	0.0	111	-0.03
50	S	Toluene-d8	0.952	0.828	13.0	90	-0.02
51	T	4-Methyl-2-Pentanone	0.231	0.215	6.9	105	-0.02
52	CM	Toluene	0.650	0.593	8.8#	106	-0.03
53	T	t-1,3-Dichloropropene	0.405	0.410	-1.2	110	-0.02
54	T	cis-1,3-Dichloropropene	0.469	0.453	3.4	107	-0.02
55	T	1,1,2-Trichloroethane	0.236	0.231	2.1	110	-0.02
56	T	Ethyl methacrylate	0.269	0.258	4.1	105	-0.03
57	T	1,3-Dichloropropane	0.386	0.371	3.9	106	-0.02
58	T	2-Chloroethyl Vinyl ether	0.139	0.129	7.2	105	-0.03
59	T	2-Hexanone	0.164	0.156	4.9	104	-0.03
60	T	Dibromochloromethane	0.331	0.348	-5.1	114	-0.02
61	T	1,2-Dibromoethane	0.263	0.264	-0.4	113	-0.02
62	S	4-Bromofluorobenzene	0.396	0.372	6.1	99	-0.02
63	I	Chlorobenzene-d5	1.000	1.000	0.0	105	-0.02
64	T	Tetrachloroethene	0.439	0.467	-6.4	119	-0.02
65	PM	Chlorobenzene	0.914	0.946	-3.5	115	-0.02
66	T	1,1,1,2-Tetrachloroethane	0.351	0.387	-10.3	109	-0.02
67	C	Ethyl Benzene	1.543	1.545	-0.1#	106	-0.02
68	T	m/p-Xylenes	0.512	0.525	-2.5	114	-0.02
69	T	o-Xylene	0.506	0.540	-6.7	113	-0.02
70	T	Styrene	0.867	0.916	-5.7	111	-0.02
71	P	Bromoform	0.291	0.333	-14.4	113	-0.02
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	103	0.00
73	T	Isopropylbenzene	2.822	2.902	-2.8	108	-0.02
74	T	N-amyl acetate	1.074	1.098	-2.2	106	0.00
75	P	1,1,2,2-Tetrachloroethane	0.662	0.671	-1.4	106	-0.02
76	T	1,2,3-Trichloropropane	0.690	0.692	-0.3	103	-0.02
77	T	Bromobenzene	0.888	0.935	-5.3	110	0.00
78	T	n-propylbenzene	3.574	3.578	-0.1	106	-0.02
79	T	2-Chlorotoluene	2.099	2.216	-5.6	110	-0.02
80	T	1,3,5-Trimethylbenzene	2.246	2.258	-0.5	109	-0.02
81	T	trans-1,4-Dichloro-2-butene	0.157	0.162	-3.2	99	0.00
82	T	4-Chlorotoluene	2.380	2.347	1.4	111	0.00
83	T	tert-Butylbenzene	2.389	2.624	-9.8	113	-0.02
84	T	1,2,4-Trimethylbenzene	2.377	2.435	-2.4	107	-0.02
85	T	sec-Butylbenzene	2.932	3.028	-3.3	106	-0.02
86	T	p-Isopropyltoluene	2.363	2.532	-7.2	113	-0.02
87	T	1,3-Dichlorobenzene	1.461	1.487	-1.8	108	-0.02
88	T	1,4-Dichlorobenzene	1.442	1.471	-2.0	109	0.00
89	T	n-Butylbenzene	2.333	2.411	-3.3	114	-0.02

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90	T	Hexachloroethane	0.590	0.710	-20.3#	117	0.00
91	T	1,2-Dichlorobenzene	1.239	1.265	-2.1	114	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.109	0.122	-11.9	109	0.00
93	T	1,2,4-Trichlorobenzene	1.145	1.232	-7.6	114	-0.02
94	T	Hexachlorobutadiene	0.862	0.937	-8.7	108	0.00
95	T	Naphthalene	1.596	1.700	-6.5	112	-0.02
96	T	1,2,3-Trichlorobenzene	1.030	1.111	-7.9	111	0.00

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