Evaluate Continuing Calibration Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102918\
Data File : VD060227.D
Acq On : 29 Oct 2018 13:58
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: Oct 29 15:21:44 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100118S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 02 06:56:35 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	100	0.05
2	T	Dichlorodifluoromethane	0.470	0.465	1.1	94	0.04
3	P	Chloromethane	0.424	0.445	-5.0	108	0.04
4	C	Vinyl Chloride	0.347	0.375	-8.1#	108	0.04
5	T	Bromomethane	0.044	0.057	-29.5#	109	0.05
6	T	Chloroethane	0.095	0.105	-10.5	98	0.04
7	T	Trichlorofluoromethane	0.416	0.464	-11.5	108	0.05
8	T	Diethyl Ether	0.085	0.108	-27.1#	121	0.04
9	T	1,1,2-Trichlorotrifluoroeth	0.259	0.321	-23.9#	127	0.05
10	T	Methyl Iodide	0.275	0.339	-23.3#	111	0.05
11	T	Tert butyl alcohol	0.027	0.032	-18.5	108	0.05
12	CM	1,1-Dichloroethene	0.204	0.253	-24.0#	126	0.06
13	T	Acrolein	0.017	0.014	17.6	89	0.04
14	T	Allyl chloride	0.424	0.488	-15.1	114	0.06
15	T	Acrylonitrile	0.113	0.126	-11.5	109	0.06
16	T	Acetone	0.069	0.089	-29.0#	130	0.04
17	T	Carbon Disulfide	0.686	0.734	-7.0	106	0.05
18	T	Methyl Acetate	0.148	0.231	-56.1#	152#	0.05
19	T	Methyl tert-butyl Ether	0.897	0.996	-11.0	107	0.06
20	T	Methylene Chloride	0.643	0.573	10.9	102	0.06
21	T	trans-1,2-Dichloroethene	0.527	0.532	-0.9	98	0.06
22	T	Diisopropyl ether	1.892	2.024	-7.0	106	0.05
23	T	Vinyl Acetate	1.063	1.119	-5.3	102	0.06
24	P	1,1-Dichloroethane	0.858	0.940	-9.6	106	0.06
25	T	2-Butanone	0.172	0.192	-11.6	106	0.05
26	T	2,2-Dichloropropane	0.650	0.735	-13.1	112	0.06
27	T	cis-1,2-Dichloroethene	0.558	0.595	-6.6	105	0.05
28	T	Bromochloromethane	0.417	0.456	-9.4	110	0.06
29		Tetrahydrofuran	0.100	0.109	-9.0	106	0.06
30	C	Chloroform	0.868	0.987	-13.7#	112	0.06
31	T	Cyclohexane	0.821	0.792	3.5	99	0.06
32	T	1,1,1-Trichloroethane	0.711	0.791	-11.3	110	0.05
33	S	1,2-Dichloroethane-d4	0.379	0.414	-9.2	107	0.05
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	102	0.05
35	S	Dibromofluoromethane	0.380	0.396	-4.2	102	0.05
36	T	1,1-Dichloropropene	0.478	0.504	-5.4	108	0.06
37	T	Ethyl Acetate	0.317	0.353	-11.4	110	0.05
38	T	Carbon Tetrachloride	0.434	0.463	-6.7	107	0.05
39	T	Methylcyclohexane	0.543	0.566	-4.2	103	0.05
40	TM	Benzene	1.250	1.321	-5.7	107	0.05
41	T	Methacrylonitrile	0.179	0.216	-20.7#	110	0.05
42	TM	1,2-Dichloroethane	0.358	0.393	-9.8	109	0.05
43	T	Isopropyl Acetate	0.417	0.453	-8.6	105	0.05
44	TM	Trichloroethene	0.387	0.400	-3.4	102	0.05
45	C	1,2-Dichloropropane	0.327	0.360	-10.1#	108	0.05

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46	T	Dibromomethane	0.212	0.227	-7.1	106	0.04
47	T	Bromodichloromethane	0.451	0.509	-12.9	111	0.04
48	T	Methyl methacrylate	0.238	0.262	-10.1	109	0.04
49	T	1,4-Dioxane	0.002	0.002	0.0	100	0.05
50	S	Toluene-d8	1.083	1.096	-1.2	99	0.04
51	T	4-Methyl-2-Pentanone	0.263	0.293	-11.4	110	0.04
52	CM	Toluene	0.805	0.848	-5.3#	104	0.05
53	T	t-1,3-Dichloropropene	0.409	0.469	-14.7	110	0.04
54	T	cis-1,3-Dichloropropene	0.504	0.558	-10.7	109	0.04
55	T	1,1,2-Trichloroethane	0.263	0.280	-6.5	106	0.04
56	T	Ethyl methacrylate	0.291	0.332	-14.1	108	0.04
57	T	1,3-Dichloropropane	0.401	0.451	-12.5	110	0.03
58	T	2-Chloroethyl Vinyl ether	0.161	0.172	-6.8	112	0.04
59	T	2-Hexanone	0.189	0.212	-12.2	110	0.04
60	T	Dibromochloromethane	0.323	0.368	-13.9	109	0.03
61	T	1,2-Dibromoethane	0.280	0.306	-9.3	107	0.03
62	S	4-Bromofluorobenzene	0.405	0.407	-0.5	99	0.02
63	I	Chlorobenzene-d5	1.000	1.000	0.0	101	0.03
64	T	Tetrachloroethene	0.438	0.445	-1.6	102	0.04
65	PM	Chlorobenzene	1.082	1.133	-4.7	104	0.03
66	T	1,1,1,2-Tetrachloroethane	0.361	0.404	-11.9	110	0.03
67	C	Ethyl Benzene	1.753	1.882	-7.4#	108	0.03
68	T	m/p-Xylenes	0.655	0.706	-7.8	109	0.03
69	T	o-Xylene	0.648	0.685	-5.7	105	0.03
70	T	Styrene	1.083	1.143	-5.5	106	0.03
71	P	Bromoform	0.292	0.337	-15.4	107	0.03
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	102	0.02
73	T	Isopropylbenzene	3.299	3.549	-7.6	107	0.02
74	T	N-amyl acetate	1.208	1.330	-10.1	108	0.03
75	P	1,1,2,2-Tetrachloroethane	0.720	0.796	-10.6	108	0.02
76	T	1,2,3-Trichloropropane	0.720	0.800	-11.1	110	0.03
77	T	Bromobenzene	0.959	1.017	-6.0	106	0.03
78	T	n-propylbenzene	4.096	4.274	-4.3	106	0.03
79	T	2-Chlorotoluene	2.273	2.430	-6.9	109	0.03
80	T	1,3,5-Trimethylbenzene	2.553	2.663	-4.3	104	0.03
81	T	trans-1,4-Dichloro-2-butene	0.202	0.228	-12.9	106	0.03
82	T	4-Chlorotoluene	2.571	2.708	-5.3	111	0.02
83	T	tert-Butylbenzene	2.930	3.149	-7.5	106	0.02
84	T	1,2,4-Trimethylbenzene	2.691	2.767	-2.8	104	0.02
85	T	sec-Butylbenzene	3.464	3.647	-5.3	109	0.02
86	T	p-Isopropyltoluene	2.841	3.023	-6.4	107	0.02
87	T	1,3-Dichlorobenzene	1.670	1.756	-5.1	105	0.02
88	T	1,4-Dichlorobenzene	1.677	1.710	-2.0	101	0.02
89	T	n-Butylbenzene	2.772	2.981	-7.5	114	0.02

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90 T	Hexachloroethane	0.658	0.760	-15.5	108	0.03
91 T	1,2-Dichlorobenzene	1.404	1.511	-7.6	113	0.03
92 T	1,2-Dibromo-3-Chloropropane	0.096	0.113	-17.7	112	0.02
93 T	1,2,4-Trichlorobenzene	1.192	1.243	-4.3	101	0.02
94 T	Hexachlorobutadiene	0.792	0.831	-4.9	102	0.02
95 T	Naphthalene	1.767	1.876	-6.2	103	0.02
96 T	1,2,3-Trichlorobenzene	1.037	1.046	-0.9	101	0.02

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