Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD100918\
Data File : VD060145.D
Acq On : 9 Oct 2018 10:49
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 09 17:08:52 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	103	0.00
2	T	Dichlorodifluoromethane	0.470	0.454	3.4	94	0.00
3	P	Chloromethane	0.424	0.403	5.0	101	0.00
4	C	Vinyl Chloride	0.347	0.346	0.3#	102	0.00
5	T	Bromomethane	0.044	0.057	-29.5#	113	0.00
6	T	Chloroethane	0.095	0.100	-5.3	97	0.00
7	T	Trichlorofluoromethane	0.416	0.411	1.2	99	0.00
8	T	Diethyl Ether	0.085	0.083	2.4	96	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.259	0.260	-0.4	106	0.00
10	T	Methyl Iodide	0.275	0.280	-1.8	94	0.00
11	T	Tert butyl alcohol	0.027	0.024	11.1	85	-0.01
12	CM	1,1-Dichloroethene	0.204	0.211	-3.4#	109	0.00
13	T	Acrolein	0.017	0.015	11.8	100	0.00
14	T	Allyl chloride	0.424	0.432	-1.9	104	0.00
15	T	Acrylonitrile	0.113	0.104	8.0	93	0.00
16	T	Acetone	0.069	0.075	-8.7	113	0.00
17	T	Carbon Disulfide	0.686	0.661	3.6	98	0.00
18	T	Methyl Acetate	0.148	0.147	0.7	100	0.00
19	T	Methyl tert-butyl Ether	0.897	0.865	3.6	96	0.00
20	T	Methylene Chloride	0.643	0.513	20.2#	94	0.00
21	T	trans-1,2-Dichloroethene	0.527	0.509	3.4	96	0.00
22	T	Diisopropyl ether	1.892	1.872	1.1	101	0.00
23	T	Vinyl Acetate	1.063	1.014	4.6	95	0.00
24	P	1,1-Dichloroethane	0.858	0.854	0.5	99	0.00
25	T	2-Butanone	0.172	0.170	1.2	97	0.00
26	T	2,2-Dichloropropane	0.650	0.684	-5.2	108	0.00
27	T	cis-1,2-Dichloroethene	0.558	0.555	0.5	101	0.00
28	T	Bromochloromethane	0.417	0.412	1.2	103	0.00
29		Tetrahydrofuran	0.100	0.091	9.0	92	0.00
30	C	Chloroform	0.868	0.869	-0.1#	102	0.00
31	T	Cyclohexane	0.821	0.759	7.6	98	0.00
32	T	1,1,1-Trichloroethane	0.711	0.730	-2.7	105	0.00
33	S	1,2-Dichloroethane-d4	0.379	0.379	0.0	101	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	105	0.00
35	S	Dibromofluoromethane	0.380	0.389	-2.4	103	0.00
36	T	1,1-Dichloropropene	0.478	0.458	4.2	101	0.00
37	T	Ethyl Acetate	0.317	0.295	6.9	95	-0.01
38	T	Carbon Tetrachloride	0.434	0.440	-1.4	105	0.00
39	T	Methylcyclohexane	0.543	0.537	1.1	101	0.00
40	TM	Benzene	1.250	1.219	2.5	101	0.00
41	T	Methacrylonitrile	0.179	0.149	16.8	78	-0.01
42	TM	1,2-Dichloroethane	0.358	0.345	3.6	99	0.00
43	T	Isopropyl Acetate	0.417	0.392	6.0	94	0.00
44	TM	Trichloroethene	0.387	0.377	2.6	99	0.00
45	C	1,2-Dichloropropane	0.327	0.322	1.5#	99	0.00

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46	T	Dibromomethane	0.212	0.206	2.8	99	0.00
47	T	Bromodichloromethane	0.451	0.458	-1.6	103	0.00
48	T	Methyl methacrylate	0.238	0.229	3.8	98	0.00
49	T	1,4-Dioxane	0.002	0.002	0.0	95	0.00
50	S	Toluene-d8	1.083	1.081	0.2	100	0.00
51	T	4-Methyl-2-Pentanone	0.263	0.240	8.7	93	0.00
52	CM	Toluene	0.805	0.775	3.7#	98	0.00
53	T	t-1,3-Dichloropropene	0.409	0.416	-1.7	101	0.00
54	T	cis-1,3-Dichloropropene	0.504	0.503	0.2	101	0.00
55	T	1,1,2-Trichloroethane	0.263	0.247	6.1	96	0.00
56	T	Ethyl methacrylate	0.291	0.272	6.5	91	0.00
57	T	1,3-Dichloropropane	0.401	0.387	3.5	97	0.00
58	T	2-Chloroethyl Vinyl ether	0.161	0.146	9.3	98	0.00
59	T	2-Hexanone	0.189	0.182	3.7	97	0.00
60	T	Dibromochloromethane	0.323	0.328	-1.5	100	0.00
61	T	1,2-Dibromoethane	0.280	0.271	3.2	98	0.00
62	S	4-Bromofluorobenzene	0.405	0.409	-1.0	103	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	103	0.00
64	T	Tetrachloroethene	0.438	0.430	1.8	100	0.00
65	PM	Chlorobenzene	1.082	1.083	-0.1	101	-0.01
66	T	1,1,1,2-Tetrachloroethane	0.361	0.362	-0.3	100	0.00
67	C	Ethyl Benzene	1.753	1.705	2.7#	100	0.00
68	T	m/p-Xylenes	0.655	0.669	-2.1	105	0.00
69	T	o-Xylene	0.648	0.628	3.1	98	0.00
70	T	Styrene	1.083	1.076	0.6	102	0.00
71	P	Bromoform	0.292	0.302	-3.4	98	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	105	0.00
73	T	Isopropylbenzene	3.299	3.313	-0.4	104	0.00
74	T	N-amyl acetate	1.208	1.171	3.1	98	0.00
75	P	1,1,2,2-Tetrachloroethane	0.720	0.675	6.2	95	0.00
76	T	1,2,3-Trichloropropane	0.720	0.683	5.1	97	0.00
77	T	Bromobenzene	0.959	0.927	3.3	99	0.00
78	T	n-propylbenzene	4.096	3.960	3.3	101	0.00
79	T	2-Chlorotoluene	2.273	2.180	4.1	100	0.00
80	T	1,3,5-Trimethylbenzene	2.553	2.530	0.9	102	0.00
81	T	trans-1,4-Dichloro-2-butene	0.202	0.209	-3.5	100	0.00
82	T	4-Chlorotoluene	2.571	2.433	5.4	103	0.00
83	T	tert-Butylbenzene	2.930	2.882	1.6	100	0.00
84	T	1,2,4-Trimethylbenzene	2.691	2.614	2.9	101	0.00
85	T	sec-Butylbenzene	3.464	3.521	-1.6	109	0.00
86	T	p-Isopropyltoluene	2.841	2.800	1.4	102	0.00
87	T	1,3-Dichlorobenzene	1.670	1.622	2.9	100	0.00
88	T	1,4-Dichlorobenzene	1.677	1.622	3.3	99	0.00
89	T	n-Butylbenzene	2.772	2.787	-0.5	110	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.658	0.713	-8.4	105	0.00
91 T	1,2-Dichlorobenzene	1.404	1.356	3.4	105	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.096	0.092	4.2	94	0.00
93 T	1,2,4-Trichlorobenzene	1.192	1.160	2.7	98	0.00
94 T	Hexachlorobutadiene	0.792	0.810	-2.3	103	0.00
95 T	Naphthalene	1.767	1.667	5.7	94	0.00
96 T	1,2,3-Trichlorobenzene	1.037	0.981	5.4	98	0.00

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