Evaluate Continuing Calibration Report

Data Path : W:\HPCHEM1\MSVOA_X\Data\VX031518\
Data File : VX000323.D
Acq On : 15 Mar 2018 12:13
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : VSTDCC50

Quant Time: Mar 16 02:45:44 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X031418W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 15 03:39:21 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	113	0.00
2	T	Dichlorodifluoromethane	0.539	0.427	20.8#	96	0.00
3	P	Chloromethane	0.549	0.420	23.5#	95	0.00
4	C	Vinyl Chloride	0.615	0.485	21.1#	90	0.00
5	T	Bromomethane	0.686	0.592	13.7	98	0.00
6	T	Chloroethane	0.437	0.316	27.7#	91	0.00
7	T	Trichlorofluoromethane	1.068	0.870	18.5	95	0.00
8	T	Diethyl Ether	0.380	0.309	18.7	97	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.575	0.502	12.7	101	0.00
10	T	Methyl Iodide	0.581	0.498	14.3	92	0.00
11	T	Tert butyl alcohol	0.224	0.182	18.8	97	-0.01
12	CM	1,1-Dichloroethene	0.546	0.426	22.0#	92	0.00
13	T	Acrolein	0.096	0.090	6.3	116	0.00
14	T	Allyl chloride	0.973	0.792	18.6	96	0.00
15	T	Acrylonitrile	0.432	0.357	17.4	97	0.00
16	T	Acetone	0.462	0.396	14.3	98	0.00
17	T	Carbon Disulfide	1.594	1.166	26.9#	85	0.00
18	T	Methyl Acetate	1.034	0.880	14.9	101	0.00
19	T	Methyl tert-butyl Ether	1.921	1.641	14.6	100	0.00
20	T	Methylene Chloride	0.598	0.491	17.9	96	0.00
21	T	trans-1,2-Dichloroethene	0.603	0.468	22.4#	92	0.00
22	T	Diisopropyl ether	1.620	1.550	4.3	124	0.00
23	T	Vinyl Acetate	1.544	1.509	2.3	125	0.00
24	P	1,1-Dichloroethane	1.019	0.877	13.9	102	0.00
25	T	2-Butanone	0.552	0.496	10.1	105	-0.01
26	T	2,2-Dichloropropane	0.736	0.661	10.2	109	0.00
27	T	cis-1,2-Dichloroethene	0.551	0.468	15.1	103	0.00
28	T	Bromochloromethane	0.428	0.418	2.3	104	0.00
29	T	Tetrahydrofuran	0.355	0.321	9.6	108	0.00
30	C	Chloroform	0.962	0.873	9.3#	106	0.00
31	T	Cyclohexane	0.782	0.684	12.5	103	0.00
32	T	1,1,1-Trichloroethane	0.850	0.769	9.5	104	0.00
33	S	1,2-Dichloroethane-d4	0.692	0.580	16.2	99	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	109	0.00
35	S	Dibromofluoromethane	0.315	0.288	8.6	99	0.00
36	T	1,1-Dichloropropene	0.454	0.409	9.9	103	0.00
37	T	Ethyl Acetate	0.604	0.551	8.8	106	0.00
38	T	Carbon Tetrachloride	0.458	0.427	6.8	105	0.00
39	T	Methylcyclohexane	0.530	0.497	6.2	107	0.00
40	TM	Benzene	1.289	1.174	8.9	102	0.00
41	T	Methacrylonitrile	0.317	0.290	8.5	107	0.00
42	TM	1,2-Dichloroethane	0.511	0.472	7.6	105	0.00
43	T	Isopropyl Acetate	0.871	0.856	1.7	109	0.00
44	TM	Trichloroethene	0.373	0.341	8.6	107	0.00
45	C	1,2-Dichloropropane	0.318	0.313	1.6#	109	0.00

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46	T	Dibromomethane	0.255	0.241	5.5	108	0.00
47	T	Bromodichloromethane	0.453	0.450	0.7	110	0.00
48	T	Methyl methacrylate	0.441	0.417	5.4	107	0.00
49	T	1,4-Dioxane	0.010	0.009	10.0	99	0.00
50	S	Toluene-d8	1.316	1.154	12.3	96	0.00
51	T	4-Methyl-2-Pentanone	0.677	0.654	3.4	108	0.00
52	CM	Toluene	0.905	0.818	9.6#	103	0.00
53	T	t-1,3-Dichloropropene	0.523	0.517	1.1	106	0.00
54	T	cis-1,3-Dichloropropene	0.512	0.517	-1.0	106	0.00
55	T	1,1,2-Trichloroethane	0.363	0.345	5.0	107	0.00
56	T	Ethyl methacrylate	0.538	0.544	-1.1	109	0.00
57	T	1,3-Dichloropropane	0.589	0.565	4.1	107	0.00
58	T	2-Chloroethyl Vinyl ether	0.247	0.268	-8.5	116	0.00
59	T	2-Hexanone	0.570	0.559	1.9	108	0.00
60	T	Dibromochloromethane	0.384	0.382	0.5	107	0.00
61	T	1,2-Dibromoethane	0.403	0.380	5.7	104	0.00
62	S	4-Bromofluorobenzene	0.528	0.475	10.0	99	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	106	0.00
64	T	Tetrachloroethene	0.357	0.325	9.0	106	0.00
65	PM	Chlorobenzene	1.018	0.980	3.7	106	0.00
66	T	1,1,1,2-Tetrachloroethane	0.342	0.343	-0.3	107	0.00
67	C	Ethyl Benzene	1.736	1.694	2.4#	107	0.00
68	T	m/p-Xylenes	0.676	0.678	-0.3	108	0.00
69	T	o-Xylene	0.657	0.649	1.2	107	0.00
70	T	Styrene	1.090	1.111	-1.9	108	0.00
71	P	Bromoform	0.300	0.307	-2.3	110	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	109	0.00
73	T	Isopropylbenzene	3.011	2.790	7.3	109	0.00
74	T	N-amyl acetate	1.442	1.307	9.4	109	0.00
75	P	1,1,2,2-Tetrachloroethane	1.072	0.979	8.7	108	0.00
76	T	1,2,3-Trichloropropane	1.007	0.889	11.7	109	0.00
77	T	Bromobenzene	0.790	0.707	10.5	107	0.00
78	T	n-propylbenzene	3.631	3.359	7.5	109	0.00
79	T	2-Chlorotoluene	2.061	1.882	8.7	107	0.00
80	T	1,3,5-Trimethylbenzene	2.565	2.450	4.5	108	0.00
81	T	trans-1,4-Dichloro-2-butene	0.295	0.302	-2.4	113	0.00
82	T	4-Chlorotoluene	2.533	2.419	4.5	110	0.00
83	T	tert-Butylbenzene	2.503	2.399	4.2	111	0.00
84	T	1,2,4-Trimethylbenzene	2.637	2.586	1.9	111	0.00
85	T	sec-Butylbenzene	3.133	3.057	2.4	112	0.00
86	T	p-Isopropyltoluene	2.788	2.780	0.3	112	0.00
87	T	1,3-Dichlorobenzene	1.551	1.413	8.9	109	0.00
88	T	1,4-Dichlorobenzene	1.612	1.494	7.3	107	0.00
89	T	n-Butylbenzene	2.711	2.680	1.1	115	0.00

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

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.447	0.444	0.7	114	0.00
91 T	1,2-Dichlorobenzene	1.502	1.411	6.1	108	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.290	0.281	3.1	112	0.00
93 T	1,2,4-Trichlorobenzene	1.082	1.004	7.2	111	0.00
94 T	Hexachlorobutadiene	0.427	0.396	7.3	116	0.00
95 T	Naphthalene	3.756	3.575	4.8	110	0.00
96 T	1,2,3-Trichlorobenzene	1.093	1.013	7.3	114	0.00

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