Evaluate Continuing Calibration Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110517\
Data File : BM012756.D
Acq On : 06 Nov 2017 01:15
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
LabSampleId : SSTD02098

Quant Time: Nov 06 06:48:01 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 06 06:44:10 2017
Response via : Initial Calibration

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	137	0.00
2		1,4-Dioxane	0.416	0.359	13.7	129	0.00
3	S	1,4-Dioxane-d8	0.370	0.330	10.8	126	0.00
4		Benzaldehyde	0.791	0.885	-11.9	138	0.00
5	S	Phenol-d5	1.488	1.436	3.5	147	0.00
6		Phenol	1.528	1.475	3.5	147	0.00
7	S	Bis-(2-Chloroethyl)ether-d8	0.807	0.777	3.7	143	0.00
8		Bis(2-Chloroethyl)ether	1.145	1.113	2.8	146	0.00
9	S	2-Chlorophenol-d4	1.240	1.206	2.7	143	0.00
10		2-Chlorophenol	1.277	1.220	4.5	141	0.00
11		2-Methylphenol	1.162	1.144	1.5	149	0.00
12		2,2'-oxybis(1-Chloropropane	0.946	0.960	-1.5	151#	0.00
13	S	4-Methylphenol-d8	1.285	1.312	-2.1	156#	0.00
14		Acetophenone	1.933	1.950	-0.9	151#	0.00
15	P	N-Nitroso-di-n-propylamine	0.929	0.973	-4.7	159#	0.00
16		4-Methylphenol	1.262	1.302	-3.2	159#	0.00
17		Hexachloroethane	0.514	0.470	8.6	135	0.00
18	I	Naphthalene-d8	1.000	1.000	0.0	152#	0.00
19	S	Nitrobenzene-d5	0.148	0.141	4.7	155#	0.00
20		Nitrobenzene	0.348	0.325	6.6	148	0.00
21		Isophorone	0.626	0.633	-1.1	165#	0.00
22	S	2-Nitrophenol-d4	0.169	0.166	1.8	159#	0.00
23	C	2-Nitrophenol	0.182	0.178	2.2	155#	0.00
24		2,4-Dimethylphenol	0.370	0.360	2.7	157#	0.00
25		Bis(2-Chloroethoxy)methane	0.390	0.380	2.6	159#	0.00
26	S	2,4-Dichlorophenol-d3	0.347	0.340	2.0	156#	0.00
27	C	2,4-Dichlorophenol	0.338	0.328	3.0	160#	0.00
28		Naphthalene	1.000	0.940	6.0	152#	0.00
29	S	4-Chloroaniline-d4	0.334	0.398	-19.2	165#	0.00
30		4-Chloroaniline	0.336	0.401	-19.3	166#	0.00
31	C	Hexachlorobutadiene	0.266	0.236	11.3	142	0.00
32		Caprolactam	0.095	0.107	-12.6	191#	-0.02
33	C	4-Chloro-3-methylphenol	0.328	0.346	-5.5	174#	0.00
34		2-Methylnaphthalene	0.764	0.750	1.8	159#	0.00
35	I	Acenaphthene-d10	1.000	1.000	0.0	174#	0.00
36		1,2,4,5-Tetrachlorobenzene	0.774	0.678	12.4	158#	0.00
37		Hexachlorocyclopentadiene	0.394	0.543	-37.8#	291#	0.00
38	C	2,4,6-Trichlorophenol	0.489	0.463	5.3	173#	0.00
39		2,4,5-Trichlorophenol	0.510	0.485	4.9	174#	0.00
40		1,1'-Biphenyl	1.654	1.515	8.4	168#	0.00
41		2-Chloronaphthalene	1.307	1.198	8.3	168#	0.00
42		2-Nitroaniline	0.309	0.309	0.0	185#	0.00
43	S	Dimethylphthalate-d6	1.655	1.597	3.5	181#	0.00
44		Dimethylphthalate	1.642	1.597	2.7	183#	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
45		2,6-Dinitrotoluene	0.329	0.332	-0.9	189#	0.00
46	S	Acenaphthylene-d8	2.047	1.960	4.3	176#	0.00
47		Acenaphthylene	1.984	1.889	4.8	174#	0.00
48		3-Nitroaniline	0.277	0.324	-17.0	206#	0.00
49	C	Acenaphthene	1.352	1.270	6.1	174#	0.00
50		2,4-Dinitrophenol	0.205	0.228	-11.2	241#	-0.01
51	S	4-Nitrophenol-d4	0.265	0.265	0.0	197#	-0.01
52		4-Nitrophenol	0.234	0.225	3.8	185#	-0.01
53		Dibenzofuran	1.972	1.873	5.0	175#	0.00
54		2,4-Dinitrotoluene	0.483	0.494	-2.3	192#	0.00
55		2,3,4,6-Tetrachlorophenol	0.474	0.468	1.3	181#	0.00
56		Diethylphthalate	1.595	1.573	1.4	187#	0.00
57	S	Fluorene-d10	1.418	1.373	3.2	181#	0.00
58		Fluorene	1.638	1.577	3.7	180#	0.00
59		4-Chlorophenyl-phenylether	0.910	0.858	5.7	176#	0.00
60		4-Nitroaniline	0.323	0.359	-11.1	214#	0.00
61	I	Phenanthrene-d10	1.000	1.000	0.0	193#	0.00
62	S	4,6-Dinitro-2-methylphenol-	0.132	0.100	24.2#	170#	0.00
63		4,6-Dinitro-2-methylphenol	0.139	0.109	21.6#	176#	-0.01
64		N-Nitrosodiphenylamine	0.604	0.552	8.6	186#	0.00
65		4-Bromophenyl-phenylether	0.260	0.238	8.5	187#	0.00
66		Hexachlorobenzene	0.293	0.268	8.5	185#	0.00
67		Atrazine	0.241	0.234	2.9	198#	0.00
68	C	Pentachlorophenol	0.168	0.151	10.1	198#	0.00
69		Phenanthrene	1.093	1.034	5.4	193#	0.00
70	S	Anthracene-d10	0.966	0.906	6.2	191#	0.00
71		Anthracene	1.133	1.072	5.4	193#	0.00
72		1,2,3,4-Tetrachlorobenzene	0.327	0.267	18.3	160#	0.00
73		Pentachlorobenzene	0.335	0.287	14.3	172#	0.00
74		Carbazole	0.945	0.911	3.6	201#	0.00
75		Di-n-butylphthalate	1.108	1.085	2.1	204#	0.00
76	C	Fluoranthene	1.314	1.287	2.1	203#	0.00
77	I	Chrysene-d12	1.000	1.000	0.0	191#	0.00
78	S	Pyrene-d10	0.928	0.905	2.5	202#	-0.01
79		Pyrene	1.193	1.172	1.8	203#	-0.01
80		Butylbenzylphthalate	0.435	0.446	-2.5	214#	0.00
81		3,3'-Dichlorobenzidine	0.442	0.382	13.6	168#	0.00
82		Benzo(a)anthracene	1.210	1.143	5.5	195#	0.00
83		Bis(2-ethylhexyl)phthalate	0.634	0.656	-3.5	215#	0.00
84		Chrysene	1.097	1.021	6.9	190#	0.00
85	I	Perylene-d12	1.000	1.000	0.0	161#	-0.01
86		Di-n-octyl phthalate	1.052	1.213	-15.3	205#	0.00
87		Benzo(b)fluoranthene	1.222	1.185	3.0	168#	-0.01

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
88		Benzo(k)fluoranthene	1.162	1.158	0.3	169#	-0.01
89	S	Benzo(a)pyrene-d12	0.946	0.899	5.0	162#	-0.01
90	C	Benzo(a)pyrene	1.163	1.099	5.5	160#	-0.01
91		Indeno(1,2,3-cd)pyrene	1.402	1.180	15.8	139	-0.02
92		Dibenzo(a,h)anthracene	1.187	0.998	15.9	139	-0.02
93		Benzo(g,h,i)perylene	1.155	0.960	16.9	137	-0.03

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