Evaluate Continuing Calibration Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG011617\
Data File : BG025524.D
Acq On : 16 Jan 2017 20:29
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
LabSampleId : SSTD02004

Quant Time: Jan 17 00:29:17 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG010417MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 17 00:20:19 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	95	0.00
2		1,4-Dioxane	0.443	0.439	0.9	85	0.00
3	S	1,4-Dioxane-d8	0.369	0.427	-15.7	114	0.00
4		Benzaldehyde	1.089	1.261	-15.8	97	0.00
5	S	Phenol-d5	1.568	1.603	-2.2	93	0.00
6		Phenol	1.639	1.678	-2.4	98	0.00
7	S	Bis-(2-Chloroethyl)ether-d8	1.017	1.066	-4.8	95	0.00
8		Bis(2-Chloroethyl)ether	1.225	1.270	-3.7	96	0.00
9	S	2-Chlorophenol-d4	1.159	1.220	-5.3	101	0.00
10		2-Chlorophenol	1.170	1.179	-0.8	95	0.00
11		2-Methylphenol	1.205	1.288	-6.9	105	0.00
12		2,2'-oxybis(1-Chloropropane	2.228	2.469	-10.8	103	0.00
13	S	4-Methylphenol-d8	1.300	1.353	-4.1	105	0.00
14		Acetophenone	2.013	2.132	-5.9	99	0.00
15	P	N-Nitroso-di-n-propylamine	1.221	1.285	-5.2	102	0.00
16		4-Methylphenol	1.331	1.310	1.6	91	0.00
17		Hexachloroethane	0.553	0.587	-6.1	97	0.00
18	I	Naphthalene-d8	1.000	1.000	0.0	95	0.00
19	S	Nitrobenzene-d5	0.139	0.141	-1.4	99	0.00
20		Nitrobenzene	0.444	0.449	-1.1	98	0.00
21		Isophorone	0.793	0.791	0.3	94	0.00
22	S	2-Nitrophenol-d4	0.166	0.165	0.6	92	0.00
23	C	2-Nitrophenol	0.176	0.175	0.6	90	0.00
24		2,4-Dimethylphenol	0.394	0.410	-4.1	99	0.00
25		Bis(2-Chloroethoxy)methane	0.414	0.409	1.2	92	0.00
26	S	2,4-Dichlorophenol-d3	0.308	0.319	-3.6	92	0.00
27	C	2,4-Dichlorophenol	0.311	0.308	1.0	93	0.00
28		Naphthalene	0.913	0.911	0.2	96	0.00
29	S	4-Chloroaniline-d4	0.353	0.379	-7.4	94	0.00
30		4-Chloroaniline	0.352	0.376	-6.8	96	0.00
31	C	Hexachlorobutadiene	0.302	0.306	-1.3	93	0.00
32		Caprolactam	0.119	0.109	8.4	95	0.00
33	C	4-Chloro-3-methylphenol	0.358	0.372	-3.9	100	0.00
34		2-Methylnaphthalene	0.708	0.720	-1.7	94	0.00
35	I	Acenaphthene-d10	1.000	1.000	0.0	100	0.00
36		1,2,4,5-Tetrachlorobenzene	0.664	0.642	3.3	99	0.00
37		Hexachlorocyclopentadiene	0.262	0.265	-1.1	134	0.00
38	C	2,4,6-Trichlorophenol	0.366	0.333	9.0	86	0.00
39		2,4,5-Trichlorophenol	0.396	0.338	14.6	80	0.00
40		1,1'-Biphenyl	1.251	1.204	3.8	92	0.00
41		2-Chloronaphthalene	0.998	0.963	3.5	95	0.00
42		2-Nitroaniline	0.385	0.386	-0.3	98	0.00
43	S	Dimethylphthalate-d6	1.378	1.329	3.6	95	0.00
44		Dimethylphthalate	1.335	1.298	2.8	93	0.00

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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)
45		2,6-Dinitrotoluene	0.278	0.261	6.1	95	0.00
46	S	Acenaphthylene-d8	1.516	1.482	2.2	95	0.00
47		Acenaphthylene	1.459	1.451	0.5	94	0.00
48		3-Nitroaniline	0.237	0.230	3.0	88	0.00
49	C	Acenaphthene	1.029	1.023	0.6	98	0.00
50		2,4-Dinitrophenol	0.152	0.125	17.8	105	0.00
51	S	4-Nitrophenol-d4	0.191	0.170	11.0	106	0.00
52		4-Nitrophenol	0.254	0.204	19.7	89	0.00
53		Dibenzofuran	1.592	1.571	1.3	97	0.00
54		2,4-Dinitrotoluene	0.415	0.407	1.9	93	0.00
55		2,3,4,6-Tetrachlorophenol	0.410	0.397	3.2	90	0.00
56		Diethylphthalate	1.400	1.402	-0.1	96	0.00
57	S	Fluorene-d10	1.285	1.250	2.7	97	0.00
58		Fluorene	1.288	1.238	3.9	95	0.00
59		4-Chlorophenyl-phenylether	0.738	0.697	5.6	92	0.00
60		4-Nitroaniline	0.236	0.231	2.1	93	0.00
61	I	Phenanthrene-d10	1.000	1.000	0.0	98	0.00
62	S	4,6-Dinitro-2-methylphenol-	0.127	0.112	11.8	92	0.00
63		4,6-Dinitro-2-methylphenol	0.130	0.117	10.0	101	0.00
64		N-Nitrosodiphenylamine	0.513	0.500	2.5	96	0.00
65		4-Bromophenyl-phenylether	0.233	0.214	8.2	93	0.00
66		Hexachlorobenzene	0.271	0.268	1.1	96	0.00
67		Atrazine	0.242	0.235	2.9	93	0.00
68	C	Pentachlorophenol	0.118	0.088	25.4#	88	0.00
69		Phenanthrene	0.970	0.953	1.8	95	0.00
70	S	Anthracene-d10	0.849	0.836	1.5	97	0.00
71		Anthracene	0.980	0.988	-0.8	97	0.00
72		1,2,3,4-Tetrachlorobenzene	0.280	0.267	4.6	95	0.00
73		Pentachlorobenzene	0.291	0.275	5.5	93	0.00
74		Carbazole	0.817	0.855	-4.7	98	0.00
75		Di-n-butylphthalate	1.058	1.051	0.7	97	0.00
76	C	Fluoranthene	1.210	1.333	-10.2	98	0.00
77	I	Chrysene-d12	1.000	1.000	0.0	106	0.00
78	S	Pyrene-d10	0.773	0.770	0.4	102	0.00
79		Pyrene	0.907	0.902	0.6	100	0.00
80		Butylbenzylphthalate	0.369	0.374	-1.4	105	0.00
81		3,3'-Dichlorobenzidine	0.374	0.411	-9.9	110	0.00
82		Benzo(a)anthracene	1.035	1.076	-4.0	108	0.00
83		Bis(2-ethylhexyl)phthalate	0.532	0.544	-2.3	110	0.00
84		Chrysene	0.979	1.010	-3.2	108	0.00
85	I	Perylene-d12	1.000	1.000	0.0	108	0.00
86		Di-n-octyl phthalate	0.832	0.876	-5.3	113	0.00
87		Benzo(b)fluoranthene	0.993	1.007	-1.4	110	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
88		Benzo(k)fluoranthene	0.956	0.970	-1.5	112	0.00
89	S	Benzo(a)pyrene-d12	0.827	0.829	-0.2	110	0.00
90	C	Benzo(a)pyrene	0.961	0.984	-2.4	111	0.00
91		Indeno(1,2,3-cd)pyrene	1.215	1.235	-1.6	112	-0.02
92		Dibenzo(a,h)anthracene	1.020	1.031	-1.1	114	0.00
93		Benzo(g,h,i)perylene	1.008	1.017	-0.9	110	-0.02

(#) = Out of Range SPCC's out = 0 CCC's out = 1