Evaluate Continuing Calibration Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092515\
Data File : BG018936.D
Acq On : 27 Sep 2015 5:48
Operator : UM/NP
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
LabSampleId : SSTD02013

Quant Time: Sep 28 06:45:33 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 28 04:33:51 2015
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	105	0.00
2		1,4-Dioxane	0.450	0.349	22.4#	78	0.00
3	S	1,4-Dioxane-d8	0.416	0.310	25.5#	79	0.00
4		Benzaldehyde	0.950	0.929	2.2	92	0.00
5	S	Phenol-d5	1.642	1.450	11.7	94	0.00
6		Phenol	1.699	1.518	10.7	96	0.00
7	S	Bis-(2-Chloroethyl)ether-d8	0.952	0.831	12.7	90	0.00
8		Bis(2-Chloroethyl)ether	1.269	1.146	9.7	94	0.00
9	S	2-Chlorophenol-d4	1.244	1.195	3.9	102	0.00
10		2-Chlorophenol	1.288	1.225	4.9	98	0.00
11		2-Methylphenol	1.306	1.171	10.3	96	0.00
12		2,2'-oxybis(1-Chloropropane	1.506	1.241	17.6	85	0.00
13	S	4-Methylphenol-d8	1.333	1.193	10.5	97	0.00
14		Acetophenone	2.030	1.835	9.6	94	0.00
15	P	N-Nitroso-di-n-propylamine	1.047	0.859	18.0	86	0.00
16		4-Methylphenol	1.436	1.294	9.9	95	0.00
17		Hexachloroethane	0.513	0.478	6.8	104	0.00
18	I	Naphthalene-d8	1.000	1.000	0.0	102	0.00
19	S	Nitrobenzene-d5	0.152	0.143	5.9	99	0.00
20		Nitrobenzene	0.351	0.308	12.3	92	0.00
21		Isophorone	0.716	0.596	16.8	88	0.00
22	S	2-Nitrophenol-d4	0.152	0.157	-3.3	110	0.00
23	C	2-Nitrophenol	0.172	0.170	1.2	107	0.00
24		2,4-Dimethylphenol	0.356	0.322	9.6	97	0.00
25		Bis(2-Chloroethoxy)methane	0.422	0.376	10.9	93	0.00
26	S	2,4-Dichlorophenol-d3	0.321	0.317	1.2	105	0.00
27	C	2,4-Dichlorophenol	0.321	0.307	4.4	102	0.00
28		Naphthalene	1.018	0.959	5.8	99	0.00
29	S	4-Chloroaniline-d4	0.373	0.379	-1.6	101	0.00
30		4-Chloroaniline	0.386	0.402	-4.1	102	0.00
31	C	Hexachlorobutadiene	0.198	0.205	-3.5	110	0.00
32		Caprolactam	0.131	0.095	27.5#	75	0.00
33	C	4-Chloro-3-methylphenol	0.342	0.304	11.1	93	0.00
34		2-Methylnaphthalene	0.752	0.713	5.2	100	0.00
35		1-Methylnaphthalene	0.721	0.671	6.9	100	0.00
36	I	Acenaphthene-d10	1.000	1.000	0.0	99	0.00
37		1,2,4,5-Tetrachlorobenzene	0.620	0.637	-2.7	108	0.00
38		Hexachlorocyclopentadiene	0.345	0.133	61.4#	41	0.00
39	C	2,4,6-Trichlorophenol	0.403	0.418	-3.7	103	0.00
40		2,4,5-Trichlorophenol	0.434	0.433	0.2	100	0.00
41		1,1'-Biphenyl	1.514	1.468	3.0	100	0.00
42		2-Chloronaphthalene	1.154	1.161	-0.6	102	0.00
43		2-Nitroaniline	0.342	0.281	17.8	85	0.00
44	S	Dimethylphthalate-d6	1.610	1.405	12.7	90	0.00

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Quant Title : SVOA CALIBRATION
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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		Dimethylphthalate	1.560	1.382	11.4	90	0.00
46		2,6-Dinitrotoluene	0.314	0.303	3.5	99	0.00
47	S	Acenaphthylene-d8	1.907	1.865	2.2	99	0.00
48		Acenaphthylene	2.029	1.930	4.9	96	0.00
49		3-Nitroaniline	0.333	0.319	4.2	92	0.00
50	C	Acenaphthene	1.367	1.298	5.0	97	0.00
51		2,4-Dinitrophenol	0.141	0.081	42.6#	73	0.00
52	S	4-Nitrophenol-d4	0.309	0.231	25.2#	77	0.00
53		4-Nitrophenol	0.212	0.147	30.7#	71	0.00
54		Dibenzofuran	1.918	1.798	6.3	95	0.00
55		2,4-Dinitrotoluene	0.467	0.440	5.8	95	0.00
56		2,3,4,6-Tetrachlorophenol	0.419	0.356	15.0	89	0.00
57		Diethylphthalate	1.622	1.400	13.7	88	0.00
58	S	Fluorene-d10	1.407	1.332	5.3	96	0.00
59		Fluorene	1.620	1.485	8.3	93	0.00
60		4-Chlorophenyl-phenylether	0.772	0.742	3.9	100	0.00
61		4-Nitroaniline	0.383	0.338	11.7	83	0.00
62	I	Phenanthrene-d10	1.000	1.000	0.0	88	0.00
63	S	4,6-Dinitro-2-methylphenol-	0.095	0.078	17.9	84	0.01
64		4,6-Dinitro-2-methylphenol	0.097	0.081	16.5	83	0.01
65		N-Nitrosodiphenylamine	0.524	0.515	1.7	89	0.00
66		4-Bromophenyl-phenylether	0.196	0.199	-1.5	95	0.00
67		Hexachlorobenzene	0.217	0.232	-6.9	101	0.00
68		Atrazine	0.231	0.220	4.8	84	0.00
69	C	Pentachlorophenol	0.127	0.097	23.6	73	0.00
70		Phenanthrene	1.017	0.963	5.3	84	0.00
71	S	Anthracene-d10	0.881	0.858	2.6	89	0.00
72		Anthracene	1.020	0.963	5.6	84	0.00
73		1,2,3,4-Tetrachlorobenzene	0.238	0.271	-13.9	104	0.00
74		Pentachlorobenzene	0.232	0.270	-16.4	105	0.00
75		Carbazole	0.906	0.876	3.3	79	0.00
76		Di-n-butylphthalate	1.144	1.045	8.7	80	0.00
77	C	Fluoranthene	1.127	1.122	0.4	79	0.00
78	I	Chrysene-d12	1.000	1.000	0.0	81	0.01
79	S	Pyrene-d10	0.920	0.897	2.5	81	0.00
80		Pyrene	1.176	1.113	5.4	76	0.00
81		Butylbenzylphthalate	0.451	0.449	0.4	83	0.00
82		3,3'-Dichlorobenzidine	0.355	0.416	-17.2	93	0.00
83		Benzo(a)anthracene	1.109	1.075	3.1	80	0.01
84		Bis(2-ethylhexyl)phthalate	0.669	0.669	0.0	82	0.00
85		Chrysene	1.023	0.996	2.6	82	0.01
86	I	Perylene-d12	1.000	1.000	0.0	83	0.02
87		Di-n-octyl phthalate	1.058	1.129	-6.7	86	0.00

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88		Benzo(b)fluoranthene	1.131	1.083	4.2	82	0.02
89		Benzo(k)fluoranthene	1.083	1.031	4.8	79	0.02
90	S	Benzo(a)pyrene-d12	0.973	0.961	1.2	85	0.02
91	C	Benzo(a)pyrene	1.075	1.039	3.3	82	0.02
92		Indeno(1,2,3-cd)pyrene	1.246	1.167	6.3	80	0.05
93		Dibenzo(a,h)anthracene	1.000	0.992	0.8	86	0.04
94		Benzo(g,h,i)perylene	1.040	0.913	12.2	76	0.04

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