Evaluate Continuing Calibration Report

Data Path : Z:\HPCHEM1\BNA G\Data\BG060216\
Data File : BG022147.D
Acq On : 2 Jun 2016 10:47
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
LabSampleId : SSTD02028

Quant Time: Jun 03 01:01:14 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 02 01:11:11 2016
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	93	0.00
2		1,4-Dioxane	0.696	0.688	1.1	96	0.00
3	S	1,4-Dioxane-d8	0.384	0.371	3.4	93	0.00
4		Benzaldehyde	0.996	0.628	36.9#	53	0.00
5	S	Phenol-d5	1.807	1.678	7.1	90	0.00
6		Phenol	1.820	1.665	8.5	85	0.00
7	S	Bis-(2-Chloroethyl)ether-d8	0.947	0.835	11.8	83	0.00
8		Bis(2-Chloroethyl)ether	1.330	1.301	2.2	92	0.00
9	S	2-Chlorophenol-d4	1.511	1.474	2.4	91	0.00
10		2-Chlorophenol	1.489	1.429	4.0	88	0.00
11		2-Methylphenol	1.454	1.376	5.4	89	0.00
12		2,2'-oxybis(1-Chloropropane	1.589	1.383	13.0	79	0.00
13	S	4-Methylphenol-d8	1.533	1.436	6.3	87	0.00
14		Acetophenone	2.144	2.094	2.3	90	0.00
15	P	N-Nitroso-di-n-propylamine	1.107	1.050	5.1	87	0.00
16		4-Methylphenol	1.567	1.498	4.4	89	0.00
17		Hexachloroethane	0.594	0.563	5.2	88	0.00
18	I	Naphthalene-d8	1.000	1.000	0.0	95	0.00
19	S	Nitrobenzene-d5	0.148	0.148	0.0	94	0.00
20		Nitrobenzene	0.299	0.280	6.4	87	0.00
21		Isophorone	0.636	0.615	3.3	88	0.00
22	S	2-Nitrophenol-d4	0.160	0.154	3.8	89	0.00
23	C	2-Nitrophenol	0.167	0.167	0.0	92	0.00
24		2,4-Dimethylphenol	0.322	0.304	5.6	87	0.00
25		Bis(2-Chloroethoxy)methane	0.365	0.364	0.3	90	0.00
26	S	2,4-Dichlorophenol-d3	0.282	0.281	0.4	90	0.00
27	C	2,4-Dichlorophenol	0.277	0.277	0.0	93	0.00
28		Naphthalene	1.014	0.991	2.3	91	0.00
29	S	4-Chloroaniline-d4	0.307	0.351	-14.3	104	0.00
30		4-Chloroaniline	0.309	0.350	-13.3	101	0.00
31	C	Hexachlorobutadiene	0.163	0.155	4.9	87	0.00
32		Caprolactam	0.111	0.117	-5.4	98	0.00
33	C	4-Chloro-3-methylphenol	0.295	0.298	-1.0	93	0.00
34		2-Methylnaphthalene	0.725	0.701	3.3	90	0.00
35	I	Acenaphthene-d10	1.000	1.000	0.0	103	0.00
36		1,2,4,5-Tetrachlorobenzene	0.593	0.542	8.6	93	0.00
37		Hexachlorocyclopentadiene	0.256	0.225	12.1	103	0.00
38	C	2,4,6-Trichlorophenol	0.401	0.366	8.7	93	0.00
39		2,4,5-Trichlorophenol	0.425	0.407	4.2	101	0.00
40		1,1'-Biphenyl	1.647	1.535	6.8	94	0.00
41		2-Chloronaphthalene	1.265	1.188	6.1	95	0.00
42		2-Nitroaniline	0.285	0.247	13.3	86	0.00
43	S	Dimethylphthalate-d6	1.502	1.514	-0.8	102	0.00
44		Dimethylphthalate	1.510	1.532	-1.5	103	0.00

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG052116.M
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		2,6-Dinitrotoluene	0.324	0.330	-1.9	102	0.00
46	S	Acenaphthylene-d8	2.098	2.006	4.4	96	0.00
47		Acenaphthylene	2.137	2.074	2.9	99	0.00
48		3-Nitroaniline	0.310	0.270	12.9	96	0.00
49	C	Acenaphthene	1.476	1.413	4.3	97	0.00
50		2,4-Dinitrophenol	0.125	0.072	42.4#	76	0.00
51	S	4-Nitrophenol-d4	0.259	0.220	15.1	95	0.00
52		4-Nitrophenol	0.146	0.113	22.6#	85	0.00
53		Dibenzofuran	1.825	1.841	-0.9	101	0.00
54		2,4-Dinitrotoluene	0.437	0.449	-2.7	101	0.00
55		2,3,4,6-Tetrachlorophenol	0.336	0.304	9.5	91	0.00
56		Diethylphthalate	1.566	1.628	-4.0	105	0.00
57	S	Fluorene-d10	1.407	1.438	-2.2	103	0.00
58		Fluorene	1.541	1.567	-1.7	103	0.00
59		4-Chlorophenyl-phenylether	0.694	0.720	-3.7	104	0.00
60		4-Nitroaniline	0.341	0.265	22.3#	77	0.00
61	I	Phenanthrene-d10	1.000	1.000	0.0	117	0.00
62	S	4,6-Dinitro-2-methylphenol-	0.105	0.088	16.2	102	0.00
63		4,6-Dinitro-2-methylphenol	0.108	0.092	14.8	111	0.00
64		N-Nitrosodiphenylamine	0.632	0.580	8.2	103	0.00
65		4-Bromophenyl-phenylether	0.202	0.184	8.9	104	0.00
66		Hexachlorobenzene	0.235	0.215	8.5	112	0.00
67		Atrazine	0.218	0.212	2.8	110	0.00
68	C	Pentachlorophenol	0.122	0.067	45.1#	67	0.00
69		Phenanthrene	1.112	1.092	1.8	112	0.00
70	S	Anthracene-d10	0.960	0.930	3.1	112	0.00
71		Anthracene	1.127	1.106	1.9	110	0.00
72		Carbazole	0.977	0.966	1.1	115	0.00
73		Di-n-butylphthalate	1.309	1.290	1.5	112	0.00
74	C	Fluoranthene	1.137	1.210	-6.4	122	0.00
75	I	Chrysene-d12	1.000	1.000	0.0	151#	0.00
76	S	Pyrene-d10	1.128	0.987	12.5	123	0.00
77		Pyrene	1.407	1.225	12.9	122	0.00
78		Butylbenzylphthalate	0.667	0.587	12.0	125	0.00
79		3,3'-Dichlorobenzidine	0.376	0.351	6.6	131	0.00
80		Benzo(a)anthracene	1.173	1.112	5.2	135	0.00
81		Bis(2-ethylhexyl)phthalate	0.949	0.863	9.1	130	0.00
82		Chrysene	1.125	1.097	2.5	143	0.00
83	I	Perylene-d12	1.000	1.000	0.0	143	0.00
84		Di-n-octyl phthalate	1.630	1.544	5.3	130	0.00
85		Benzo(b)fluoranthene	1.170	1.160	0.9	139	0.00
86		Benzo(k)fluoranthene	1.139	1.162	-2.0	147	0.00
87	S	Benzo(a)pyrene-d12	0.928	0.932	-0.4	140	0.00

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88 C	Benzo(a)pyrene	1.129	1.098	2.7	137	0.00
89	Indeno(1,2,3-cd)pyrene	1.295	1.280	1.2	143	0.00
90	Dibenzo(a,h)anthracene	1.083	1.054	2.7	138	0.00
91	Benzo(g,h,i)perylene	1.037	1.062	-2.4	152#	0.00

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