Evaluate Continuing Calibration Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052316\
Data File : BG022058.D
Acq On : 23 May 2016 22:40
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
LabSampleId : SSTD02015

Quant Time: May 24 08:42:19 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 24 07:40:24 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	102	0.03
2		1,4-Dioxane	0.696	0.654	6.0	100	0.01
3	S	1,4-Dioxane-d8	0.384	0.369	3.9	102	0.01
4		Benzaldehyde	0.996	1.001	-0.5	93	0.02
5	S	Phenol-d5	1.807	1.669	7.6	98	0.04
6		Phenol	1.820	1.677	7.9	94	0.04
7	S	Bis-(2-Chloroethyl)ether-d8	0.947	0.872	7.9	95	0.03
8		Bis(2-Chloroethyl)ether	1.330	1.263	5.0	98	0.03
9	S	2-Chlorophenol-d4	1.511	1.471	2.6	100	0.03
10		2-Chlorophenol	1.489	1.459	2.0	99	0.04
11		2-Methylphenol	1.454	1.352	7.0	96	0.04
12		2,2'-oxybis(1-Chloropropane	1.589	1.447	8.9	91	0.02
13	S	4-Methylphenol-d8	1.533	1.413	7.8	94	0.04
14		Acetophenone	2.144	2.006	6.4	95	0.03
15	P	N-Nitroso-di-n-propylamine	1.107	1.017	8.1	93	0.03
16		4-Methylphenol	1.567	1.425	9.1	93	0.04
17		Hexachloroethane	0.594	0.570	4.0	98	0.03
18	I	Naphthalene-d8	1.000	1.000	0.0	96	0.03
19	S	Nitrobenzene-d5	0.148	0.155	-4.7	99	0.03
20		Nitrobenzene	0.299	0.311	-4.0	97	0.03
21		Isophorone	0.636	0.621	2.4	90	0.04
22	S	2-Nitrophenol-d4	0.160	0.172	-7.5	100	0.03
23	C	2-Nitrophenol	0.167	0.175	-4.8	97	0.04
24		2,4-Dimethylphenol	0.322	0.321	0.3	92	0.04
25		Bis(2-Chloroethoxy)methane	0.365	0.363	0.5	91	0.03
26	S	2,4-Dichlorophenol-d3	0.282	0.304	-7.8	98	0.04
27	C	2,4-Dichlorophenol	0.277	0.291	-5.1	99	0.04
28		Naphthalene	1.014	1.035	-2.1	95	0.04
29	S	4-Chloroaniline-d4	0.307	0.356	-16.0	106	0.03
30		4-Chloroaniline	0.309	0.368	-19.1	107	0.03
31	C	Hexachlorobutadiene	0.163	0.175	-7.4	99	0.03
32		Caprolactam	0.111	0.103	7.2	87	0.07
33	C	4-Chloro-3-methylphenol	0.295	0.286	3.1	90	0.04
34		2-Methylnaphthalene	0.725	0.711	1.9	92	0.03
35	I	Acenaphthene-d10	1.000	1.000	0.0	81	0.04
36		1,2,4,5-Tetrachlorobenzene	0.593	0.699	-17.9	95	0.04
37		Hexachlorocyclopentadiene	0.256	0.058	77.3#	21	0.03
38	C	2,4,6-Trichlorophenol	0.401	0.461	-15.0	92	0.04
39		2,4,5-Trichlorophenol	0.425	0.494	-16.2	96	0.04
40		1,1'-Biphenyl	1.647	1.798	-9.2	86	0.03
41		2-Chloronaphthalene	1.265	1.389	-9.8	87	0.04
42		2-Nitroaniline	0.285	0.292	-2.5	80	0.04
43	S	Dimethylphthalate-d6	1.502	1.570	-4.5	83	0.03
44		Dimethylphthalate	1.510	1.563	-3.5	83	0.03

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
45		2,6-Dinitrotoluene	0.324	0.337	-4.0	82	0.03
46	S	Acenaphthylene-d8	2.098	2.163	-3.1	82	0.03
47		Acenaphthylene	2.137	2.145	-0.4	81	0.04
48		3-Nitroaniline	0.310	0.336	-8.4	94	0.03
49	C	Acenaphthene	1.476	1.448	1.9	78	0.04
50		2,4-Dinitrophenol	0.125	0.066	47.2#	55	0.04
51	S	4-Nitrophenol-d4	0.259	0.249	3.9	85	0.05
52		4-Nitrophenol	0.146	0.136	6.8	81	0.05
53		Dibenzofuran	1.825	1.792	1.8	78	0.04
54		2,4-Dinitrotoluene	0.437	0.423	3.2	75	0.04
55		2,3,4,6-Tetrachlorophenol	0.336	0.339	-0.9	80	0.04
56		Diethylphthalate	1.566	1.476	5.7	75	0.03
57	S	Fluorene-d10	1.407	1.320	6.2	75	0.04
58		Fluorene	1.541	1.460	5.3	75	0.04
59		4-Chlorophenyl-phenylether	0.694	0.667	3.9	76	0.03
60		4-Nitroaniline	0.341	0.304	10.9	69	0.03
61	I	Phenanthrene-d10	1.000	1.000	0.0	73	0.04
62	S	4,6-Dinitro-2-methylphenol-	0.105	0.074	29.5#	53	0.04
63		4,6-Dinitro-2-methylphenol	0.108	0.080	25.9#	59	0.04
64		N-Nitrosodiphenylamine	0.632	0.687	-8.7	75	0.03
65		4-Bromophenyl-phenylether	0.202	0.218	-7.9	76	0.03
66		Hexachlorobenzene	0.235	0.249	-6.0	80	0.04
67		Atrazine	0.218	0.236	-8.3	76	0.04
68	C	Pentachlorophenol	0.122	0.119	2.5	74	0.04
69		Phenanthrene	1.112	1.136	-2.2	72	0.04
70	S	Anthracene-d10	0.960	0.985	-2.6	73	0.04
71		Anthracene	1.127	1.152	-2.2	71	0.04
72		Carbazole	0.977	1.015	-3.9	75	0.04
73		Di-n-butylphthalate	1.309	1.369	-4.6	73	0.03
74	C	Fluoranthene	1.137	1.292	-13.6	80	0.04
75	I	Chrysene-d12	1.000	1.000	0.0	105	0.05
76	S	Pyrene-d10	1.128	0.978	13.3	85	0.04
77		Pyrene	1.407	1.204	14.4	83	0.04
78		Butylbenzylphthalate	0.667	0.591	11.4	87	0.03
79		3,3'-Dichlorobenzidine	0.376	0.354	5.9	92	0.04
80		Benzo(a)anthracene	1.173	1.242	-5.9	105	0.05
81		Bis(2-ethylhexyl)phthalate	0.949	0.855	9.9	90	0.03
82		Chrysene	1.125	1.135	-0.9	103	0.05
83	I	Perylene-d12	1.000	1.000	0.0	78	0.10
84		Di-n-octyl phthalate	1.630	2.108	-29.3#	96	0.04
85		Benzo(b)fluoranthene	1.170	1.343	-14.8	87	0.08
86		Benzo(k)fluoranthene	1.139	1.732	-52.1#	119	0.08
87	S	Benzo(a)pyrene-d12	0.928	1.116	-20.3#	91	0.10

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88 C	Benzo(a)pyrene	1.129	1.209	-7.1	82	0.10
89	Indeno(1,2,3-cd)pyrene	1.295	1.118	13.7	68	0.18
90	Dibenzo(a,h)anthracene	1.083	0.914	15.6	65	0.17
91	Benzo(g,h,i)perylene	1.037	0.629	39.3#	49	0.18

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