Evaluate Continuing Calibration Report

Data Path : Z:\HPCHEM1\BNA_G\Data\BG052217\
Data File : BG027050.D
Acq On : 22 May 2017 9:35
Operator : SJ/MA
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
LabSampleId : SSTDCCC020

Quant Time: May 22 13:38:04 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 22 13:30:58 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	101	0.00
2		1,4-Dioxane	0.507	0.469	7.5	99	0.00
3	S	1,4-Dioxane-d8	0.444	0.413	7.0	94	0.00
4		Benzaldehyde	0.863	0.919	-6.5	130	0.00
5	S	Phenol-d5	1.785	1.925	-7.8	109	0.00
6		Phenol	1.809	1.993	-10.2	110	0.00
7	S	Bis-(2-Chloroethyl)ether-d8	1.050	1.139	-8.5	109	0.00
8		Bis(2-Chloroethyl)ether	1.397	1.422	-1.8	100	0.00
9	S	2-Chlorophenol-d4	1.515	1.602	-5.7	109	0.00
10		2-Chlorophenol	1.491	1.563	-4.8	105	0.00
11		2-Methylphenol	1.432	1.556	-8.7	110	0.00
12		2,2'-oxybis(1-Chloropropane	1.458	1.615	-10.8	111	0.00
13	S	4-Methylphenol-d8	1.481	1.569	-5.9	108	0.00
14		Acetophenone	2.176	2.263	-4.0	102	0.00
15	P	N-Nitroso-di-n-propylamine	1.073	1.067	0.6	102	0.00
16		4-Methylphenol	1.566	1.655	-5.7	107	0.00
17		Hexachloroethane	0.561	0.567	-1.1	107	0.00
18	I	Naphthalene-d8	1.000	1.000	0.0	102	0.00
19	S	Nitrobenzene-d5	0.167	0.174	-4.2	108	0.00
20		Nitrobenzene	0.323	0.338	-4.6	106	0.00
21		Isophorone	0.619	0.622	-0.5	101	0.00
22	S	2-Nitrophenol-d4	0.182	0.192	-5.5	106	0.00
23	C	2-Nitrophenol	0.191	0.198	-3.7	107	0.00
24		2,4-Dimethylphenol	0.349	0.370	-6.0	109	0.00
25		Bis(2-Chloroethoxy)methane	0.423	0.425	-0.5	101	0.00
26	S	2,4-Dichlorophenol-d3	0.289	0.303	-4.8	106	0.00
27	C	2,4-Dichlorophenol	0.288	0.299	-3.8	105	0.00
28		Naphthalene	1.041	1.050	-0.9	102	0.00
29	S	4-Chloroaniline-d4	0.387	0.427	-10.3	102	0.00
30		4-Chloroaniline	0.365	0.397	-8.8	102	0.00
31	C	Hexachlorobutadiene	0.146	0.145	0.7	102	0.00
32		Caprolactam	0.108	0.106	1.9	103	0.00
33	C	4-Chloro-3-methylphenol	0.312	0.336	-7.7	107	0.01
34		2-Methylnaphthalene	0.773	0.756	2.2	100	0.00
35	I	Acenaphthene-d10	1.000	1.000	0.0	95	0.00
36		1,2,4,5-Tetrachlorobenzene	0.527	0.566	-7.4	104	0.00
37		Hexachlorocyclopentadiene	0.232	0.178	23.3#	80	0.00
38	C	2,4,6-Trichlorophenol	0.363	0.390	-7.4	101	0.00
39		2,4,5-Trichlorophenol	0.375	0.390	-4.0	98	0.00
40		1,1'-Biphenyl	1.681	1.728	-2.8	98	0.00
41		2-Chloronaphthalene	1.264	1.319	-4.4	100	0.00
42		2-Nitroaniline	0.361	0.415	-15.0	109	0.00
43	S	Dimethylphthalate-d6	1.610	1.601	0.6	94	0.00
44		Dimethylphthalate	1.576	1.557	1.2	94	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
45		2,6-Dinitrotoluene	0.333	0.349	-4.8	99	0.00
46	S	Acenaphthylene-d8	2.022	2.105	-4.1	98	0.00
47		Acenaphthylene	2.060	2.099	-1.9	97	0.00
48		3-Nitroaniline	0.350	0.375	-7.1	104	0.00
49	C	Acenaphthene	1.433	1.432	0.1	96	0.00
50		2,4-Dinitrophenol	0.170	0.197	-15.9	100	0.00
51	S	4-Nitrophenol-d4	0.290	0.220	24.1#	75	0.01
52		4-Nitrophenol	0.170	0.135	20.6#	76	0.02
53		Dibenzofuran	1.907	1.899	0.4	94	0.00
54		2,4-Dinitrotoluene	0.476	0.479	-0.6	94	0.00
55		2,3,4,6-Tetrachlorophenol	0.295	0.265	10.2	84	0.00
56		Diethylphthalate	1.649	1.648	0.1	95	0.00
57	S	Fluorene-d10	1.405	1.395	0.7	95	0.00
58		Fluorene	1.557	1.498	3.8	91	0.00
59		4-Chlorophenyl-phenylether	0.679	0.657	3.2	93	0.00
60		4-Nitroaniline	0.386	0.375	2.8	100	0.00
61	I	Phenanthrene-d10	1.000	1.000	0.0	88	0.00
62	S	4,6-Dinitro-2-methylphenol-	0.121	0.111	8.3	85	0.00
63		4,6-Dinitro-2-methylphenol	0.126	0.113	10.3	82	0.01
64		N-Nitrosodiphenylamine	0.657	0.695	-5.8	92	0.00
65		4-Bromophenyl-phenylether	0.200	0.206	-3.0	90	0.00
66		Hexachlorobenzene	0.215	0.219	-1.9	91	0.00
67		Atrazine	0.205	0.217	-5.9	91	0.00
68	C	Pentachlorophenol	0.098	0.079	19.4	83	0.00
69		Phenanthrene	1.127	1.143	-1.4	88	0.00
70	S	Anthracene-d10	0.971	1.006	-3.6	91	0.00
71		Anthracene	1.156	1.188	-2.8	89	0.00
72		Carbazole	0.977	1.101	-12.7	91	0.00
73		Di-n-butylphthalate	1.272	1.428	-12.3	95	0.00
74	C	Fluoranthene	1.046	1.179	-12.7	89	0.00
75	I	Chrysene-d12	1.000	1.000	0.0	87	0.00
76	S	Pyrene-d10	1.056	1.067	-1.0	88	0.00
77		Pyrene	1.342	1.357	-1.1	88	0.00
78		Butylbenzylphthalate	0.623	0.733	-17.7	102	0.00
79		3,3'-Dichlorobenzidine	0.385	0.464	-20.5#	103	0.00
80		Benzo(a)anthracene	1.170	1.236	-5.6	92	0.00
81		Bis(2-ethylhexyl)phthalate	0.889	1.048	-17.9	100	0.00
82		Chrysene	1.087	1.137	-4.6	92	0.00
83	I	Perylene-d12	1.000	1.000	0.0	81	0.02
84		Di-n-octyl phthalate	1.374	1.890	-37.6#	103	0.00
85		Benzo(b)fluoranthene	1.143	1.157	-1.2	84	0.02
86		Benzo(k)fluoranthene	1.123	1.252	-11.5	90	0.02
87	S	Benzo(a)pyrene-d12	0.946	0.978	-3.4	85	0.02

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88 C	Benzo(a)pyrene	1.125	1.214	-7.9	88	0.02
89	Indeno(1,2,3-cd)pyrene	1.333	0.900	32.5#	56	0.05
90	Dibenzo(a,h)anthracene	1.130	0.843	25.4#	61	0.04
91	Benzo(g,h,i)perylene	1.106	0.736	33.5#	55	0.04

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