Evaluate Continuing Calibration Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091420\
Data File : BG046603.D
Acq On : 14 Sep 2020 14:50
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
LabSampleId : SSTDCCC040

Quant Time: Sep 14 17:26:55 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 02 15:06:53 2020
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	111	0.00
2		1,4-Dioxane	0.470	0.429	8.7	110	0.00
3		Pyridine	1.375	1.324	3.7	112	0.00
4		n-Nitrosodimethylamine	0.507	0.515	-1.6	114	0.00
5	S	2-Fluorophenol	1.129	1.061	6.0	111	0.00
6		Aniline	1.801	1.758	2.4	114	0.00
7	S	Phenol-d6	1.601	1.550	3.2	112	0.00
8		2-Chlorophenol	1.193	1.140	4.4	114	0.00
9		Benzaldehyde	0.897	0.862	3.9	113	0.00
10	C	Phenol	1.474	1.424	3.4	113	0.00
11		bis(2-Chloroethyl)ether	1.185	1.163	1.9	116	0.00
12		1,3-Dichlorobenzene	1.515	1.459	3.7	115	0.00
13	C	1,4-Dichlorobenzene	1.517	1.446	4.7	114	0.00
14		1,2-Dichlorobenzene	1.455	1.391	4.4	115	0.00
15		Benzyl Alcohol	1.028	1.031	-0.3	114	0.00
16		2,2'-oxybis(1-Chloropropane	1.838	1.848	-0.5	118	0.00
17		2-Methylphenol	1.046	1.021	2.4	114	0.00
18		Hexachloroethane	0.514	0.502	2.3	117	0.00
19	P	n-Nitroso-di-n-propylamine	0.958	0.952	0.6	115	0.01
20		3+4-Methylphenols	1.443	1.438	0.3	115	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	108	0.00
22		Acetophenone	0.487	0.469	3.7	115	0.00
23	S	Nitrobenzene-d5	0.350	0.337	3.7	114	0.00
24		Nitrobenzene	0.346	0.332	4.0	114	0.00
25		Isophorone	0.642	0.633	1.4	115	0.01
26	C	2-Nitrophenol	0.182	0.181	0.5	114	0.00
27		2,4-Dimethylphenol	0.251	0.244	2.8	113	0.01
28		bis(2-Chloroethoxy)methane	0.413	0.407	1.5	114	0.00
29	C	2,4-Dichlorophenol	0.334	0.329	1.5	114	0.00
30		1,2,4-Trichlorobenzene	0.397	0.381	4.0	116	0.01
31		Naphthalene	0.977	0.948	3.0	116	0.00
32		Benzoic acid	0.156	0.134	14.1	89	0.01
33		4-Chloroaniline	0.431	0.424	1.6	114	0.00
34	C	Hexachlorobutadiene	0.258	0.254	1.6	117	0.00
35		Caprolactam	0.125	0.118	5.6	108	0.02
36	C	4-Chloro-3-methylphenol	0.327	0.323	1.2	114	0.00
37		2-Methylnaphthalene	0.770	0.750	2.6	114	0.00
38		1-Methylnaphthalene	0.730	0.709	2.9	114	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	107	0.00
40		1,2,4,5-Tetrachlorobenzene	0.660	0.640	3.0	115	0.00
41	P	Hexachlorocyclopentadiene	0.287	0.413	-43.9#	157#	0.00
42	S	2,4,6-Tribromophenol	0.271	0.256	5.5	109	0.01
43	C	2,4,6-Trichlorophenol	0.445	0.425	4.5	109	0.00
44		2,4,5-Trichlorophenol	0.468	0.435	7.1	107	0.00

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Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
45	S	2-Fluorobiphenyl	1.310	1.239	5.4	113	0.00
46		1,1'-Biphenyl	1.391	1.353	2.7	114	0.00
47		2-Chloronaphthalene	1.180	1.133	4.0	114	0.00
48		2-Nitroaniline	0.328	0.324	1.2	114	0.00
49		Acenaphthylene	1.790	1.726	3.6	113	0.00
50		Dimethylphthalate	1.547	1.446	6.5	110	0.01
51		2,6-Dinitrotoluene	0.341	0.327	4.1	112	0.00
52	C	Acenaphthene	1.109	1.056	4.8	112	0.00
53		3-Nitroaniline	0.369	0.351	4.9	108	0.01
54	P	2,4-Dinitrophenol	0.199	0.248	-24.6	131	0.00
55		Dibenzofuran	1.780	1.697	4.7	113	0.00
56	P	4-Nitrophenol	0.272	0.242	11.0	98	0.00
57		2,4-Dinitrotoluene	0.486	0.461	5.1	108	0.00
58		Fluorene	1.494	1.398	6.4	111	0.00
59		2,3,4,6-Tetrachlorophenol	0.454	0.444	2.2	112	0.00
60		Diethylphthalate	1.509	1.424	5.6	111	0.01
61		4-Chlorophenyl-phenylether	0.823	0.781	5.1	112	0.00
62		4-Nitroaniline	0.390	0.370	5.1	109	0.00
63		Azobenzene	1.227	1.188	3.2	115	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	104	0.00
65		4,6-Dinitro-2-methylphenol	0.113	0.116	-2.7	107	0.01
66	c	n-Nitrosodiphenylamine	0.540	0.535	0.9	112	0.00
67		4-Bromophenyl-phenylether	0.233	0.239	-2.6	114	0.00
68		Hexachlorobenzene	0.258	0.251	2.7	109	0.00
69		Atrazine	0.220	0.211	4.1	106	0.00
70	C	Pentachlorophenol	0.135	0.128	5.2	98	0.00
71		Phenanthrene	1.014	0.970	4.3	110	0.00
72		Anthracene	1.000	0.953	4.7	109	0.00
73		Carbazole	0.944	0.891	5.6	107	0.00
74		Di-n-butylphthalate	1.086	1.026	5.5	107	0.00
75	C	Fluoranthene	1.305	1.195	8.4	106	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	103	0.00
77		Benzidine	0.465	0.475	-2.2	98	0.00
78		Pyrene	1.274	1.215	4.6	106	0.00
79	S	Terphenyl-d14	0.940	0.857	8.8	104	0.00
80		Butylbenzylphthalate	0.497	0.487	2.0	105	0.00
81		Benzo(a)anthracene	1.247	1.185	5.0	107	0.00
82		3,3'-Dichlorobenzidine	0.463	0.447	3.5	105	0.00
83		Chrysene	1.199	1.145	4.5	108	0.00
84		Bis(2-ethylhexyl)phthalate	0.678	0.669	1.3	108	0.00
85	c	Di-n-octyl phthalate	1.161	1.171	-0.9	111	0.01
86	I	Perylene-d12	1.000	1.000	0.0	103	0.02
87		Indeno(1,2,3-cd)pyrene	1.436	1.335	7.0	108	0.03

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
88	Benzo(b)fluoranthene	1.249	1.160	7.1	108	0.01
89	Benzo(k)fluoranthene	1.207	1.116	7.5	108	0.02
90 C	Benzo(a)pyrene	1.165	1.097	5.8	109	0.00
91	Dibenzo(a,h)anthracene	1.159	1.072	7.5	107	0.02
92	Benzo(g,h,i)perylene	1.158	1.071	7.5	107	0.02

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