Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010218\

Evaluate Continuing Calibration Report

Data File : BF101842.D
Acq On : 2 Jan 2018 11:10
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
LabSampleId : SSTDCCC040

Quant Time: Jan 02 13:45:51 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 29 13:21:45 2017
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	93	0.00
2		1,4-Dioxane	0.690	0.600	13.0	80	-0.01
3		Pyridine	1.917	1.653	13.8	79	-0.02
4		n-Nitrosodimethylamine	0.883	0.770	12.8	79	-0.02
5	S	2-Fluorophenol	1.343	1.362	-1.4	95	0.00
6		Aniline	2.322	2.045	11.9	83	0.00
7	S	Phenol-d6	1.671	1.519	9.1	88	0.00
8		2-Chlorophenol	1.412	1.361	3.6	92	0.00
9		Benzaldehyde	1.234	1.407	-14.0	107	0.00
10	C	Phenol	1.905	1.682	11.7	84	0.00
11		bis(2-Chloroethyl)ether	1.494	1.388	7.1	87	0.00
12		1,3-Dichlorobenzene	1.594	1.557	2.3	93	0.00
13	C	1,4-Dichlorobenzene	1.628	1.607	1.3	95	0.00
14		1,2-Dichlorobenzene	1.465	1.386	5.4	90	0.00
15		Benzyl Alcohol	1.150	1.041	9.5	87	0.00
16		2,2'-oxybis(1-Chloropropane	2.286	2.033	11.1	83	0.00
17		2-Methylphenol	1.299	1.173	9.7	89	0.00
18		Hexachloroethane	0.566	0.540	4.6	91	0.00
19	P	n-Nitroso-di-n-propylamine	1.097	0.974	11.2	89	0.00
20		3+4-Methylphenols	1.377	1.481	-7.6	102	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	90	0.00
22		Acetophenone	0.456	0.445	2.4	89	0.00
23	S	Nitrobenzene-d5	0.359	0.346	3.6	86	0.00
24		Nitrobenzene	0.398	0.377	5.3	87	0.00
25		Isophorone	0.721	0.663	8.0	85	0.00
26	C	2-Nitrophenol	0.171	0.193	-12.9	98	0.00
27		2,4-Dimethylphenol	0.290	0.276	4.8	88	0.00
28		bis(2-Chloroethoxy)methane	0.458	0.427	6.8	86	0.00
29	C	2,4-Dichlorophenol	0.287	0.300	-4.5	94	0.00
30		1,2,4-Trichlorobenzene	0.303	0.294	3.0	89	0.00
31		Naphthalene	1.007	0.947	6.0	88	0.00
32		Benzoic acid	0.173	0.220	-27.2#	118	0.00
33		4-Chloroaniline	0.438	0.421	3.9	89	0.00
34	C	Hexachlorobutadiene	0.175	0.177	-1.1	92	0.00
35		Caprolactam	0.100	0.095	5.0	87	0.00
36	C	4-Chloro-3-methylphenol	0.315	0.312	1.0	90	0.00
37		2-Methylnaphthalene	0.656	0.611	6.9	87	0.00
38	I	Acenaphthene-d10	1.000	1.000	0.0	88	0.00
39		1,2,4,5-Tetrachlorobenzene	0.675	0.679	-0.6	91	0.00
40	P	Hexachlorocyclopentadiene	0.088	0.069	21.6	72	0.00
41	S	2,4,6-Tribromophenol	0.193	0.213	-10.4	98	0.00
42	C	2,4,6-Trichlorophenol	0.407	0.420	-3.2	90	0.00
43		2,4,5-Trichlorophenol	0.445	0.403	9.4	79	0.00
44	S	2-Fluorobiphenyl	1.289	1.234	4.3	86	0.00

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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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)
45		1,1'-Biphenyl	1.774	1.700	4.2	89	0.00
46		2-Chloronaphthalene	1.357	1.306	3.8	89	0.00
47		2-Nitroaniline	0.469	0.470	-0.2	89	0.00
48		Acenaphthylene	2.144	2.028	5.4	88	0.00
49		Dimethylphthalate	1.609	1.527	5.1	88	0.00
50		2,6-Dinitrotoluene	0.327	0.328	-0.3	87	0.00
51	C	Acenaphthene	1.288	1.218	5.4	88	0.00
52		3-Nitroaniline	0.408	0.426	-4.4	91	0.00
53	P	2,4-Dinitrophenol	0.087	0.156	-79.3#	155#	0.00
54		Dibenzofuran	1.637	1.755	-7.2	96	0.00
55	P	4-Nitrophenol	0.178	0.166	6.7	79	0.00
56		2,4-Dinitrotoluene	0.368	0.466	-26.6#	112	0.00
57		Fluorene	1.385	1.431	-3.3	93	0.00
58		2,3,4,6-Tetrachlorophenol	0.320	0.340	-6.3	94	0.00
59		Diethylphthalate	1.593	1.559	2.1	92	0.00
60		4-Chlorophenyl-phenylether	0.664	0.697	-5.0	93	0.00
61		4-Nitroaniline	0.410	0.410	0.0	89	0.00
62		Azobenzene	1.650	1.504	8.8	86	0.00
63	I	Phenanthrene-d10	1.000	1.000	0.0	94	0.00
64		4,6-Dinitro-2-methylphenol	0.102	0.118	-15.7	103	0.00
65	c	n-Nitrosodiphenylamine	0.738	0.678	8.1	90	0.00
66		4-Bromophenyl-phenylether	0.225	0.217	3.6	93	0.00
67		Hexachlorobenzene	0.238	0.229	3.8	93	0.00
68		Atrazine	0.220	0.209	5.0	91	0.00
69	C	Pentachlorophenol	0.079	0.064	19.0	76	0.00
70		Phenanthrene	1.112	1.009	9.3	90	0.00
71		Anthracene	1.136	1.053	7.3	92	0.00
72		Carbazole	1.064	1.001	5.9	93	0.00
73		Di-n-butylphthalate	1.291	1.234	4.4	95	0.00
74	C	Fluoranthene	1.167	1.072	8.1	91	0.00
75	I	Chrysene-d12	1.000	1.000	0.0	87	0.00
76		Benzidine	0.845	0.997	-18.0	103	0.00
77		Pyrene	1.501	1.520	-1.3	91	0.00
78	S	Terphenyl-d14	0.830	0.833	-0.4	93	0.00
79		Butylbenzylphthalate	0.679	0.700	-3.1	90	0.00
80		Benzo(a)anthracene	1.321	1.238	6.3	84	0.00
81		3,3'-Dichlorobenzidine	0.431	0.391	9.3	79	0.00
82		Chrysene	1.247	1.160	7.0	84	0.00
83		Bis(2-ethylhexyl)phthalate	0.860	0.839	2.4	87	0.00
84	c	Di-n-octyl phthalate	1.534	1.496	2.5	87	0.00
85		Indeno(1,2,3-cd)pyrene	1.110	1.017	8.4	85	0.00
86	I	Perylene-d12	1.000	1.000	0.0	83	0.00
87		Benzo(b)fluoranthene	1.219	1.167	4.3	79	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
88	Benzo(k)fluoranthene	1.185	1.091	7.9	81	0.00
89 C	Benzo(a)pyrene	1.124	1.043	7.2	79	0.00
90	Dibenzo(a,h)anthracene	0.965	0.928	3.8	84	0.00
91	Benzo(g,h,i)perylene	0.955	0.958	-0.3	87	0.00

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