Evaluate Continuing Calibration Report

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF091218\
Data File : BF108949.D
Acq On : 12 Sep 2018 13:33
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 12 14:13:52 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 05 18:03:31 2018
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	52	0.00
2		1,4-Dioxane	0.580	0.560	3.4	51	-0.04
3		Pyridine	1.589	1.583	0.4	52	-0.02
4		n-Nitrosodimethylamine	0.610	0.585	4.1	49#	-0.02
5	S	2-Fluorophenol	1.207	1.191	1.3	53	0.00
6		Aniline	2.089	1.984	5.0	50#	0.00
7	S	Phenol-d6	1.553	1.534	1.2	53	0.01
8		2-Chlorophenol	1.336	1.353	-1.3	53	0.00
9		Benzaldehyde	1.102	1.017	7.7	50	0.00
10	C	Phenol	1.779	1.698	4.6	50	0.01
11		bis(2-Chloroethyl)ether	1.425	1.350	5.3	51	0.00
12		1,3-Dichlorobenzene	1.525	1.514	0.7	53	0.00
13	C	1,4-Dichlorobenzene	1.525	1.526	-0.1	53	0.00
14		1,2-Dichlorobenzene	1.406	1.417	-0.8	54	0.00
15		Benzyl Alcohol	1.192	1.182	0.8	52	0.00
16		2,2'-oxybis(1-Chloropropane	2.130	1.908	10.4	47#	0.00
17		2-Methylphenol	1.129	1.078	4.5	50	0.00
18		Hexachloroethane	0.550	0.554	-0.7	53	0.00
19	P	n-Nitroso-di-n-propylamine	1.080	0.977	9.5	48#	0.00
20		3+4-Methylphenols	1.323	1.272	3.9	53	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	52	0.00
22		Acetophenone	0.454	0.428	5.7	51	0.00
23	S	Nitrobenzene-d5	0.320	0.353	-10.3	55	0.00
24		Nitrobenzene	0.343	0.366	-6.7	53	0.00
25		Isophorone	0.637	0.588	7.7	49#	0.00
26	C	2-Nitrophenol	0.135	0.174	-28.9#	63	0.00
27		2,4-Dimethylphenol	0.274	0.268	2.2	51	0.00
28		bis(2-Chloroethoxy)methane	0.426	0.400	6.1	49#	0.00
29	C	2,4-Dichlorophenol	0.283	0.289	-2.1	52	0.00
30		1,2,4-Trichlorobenzene	0.307	0.304	1.0	52	0.00
31		Naphthalene	0.900	0.900	0.0	53	0.00
32		Benzoic acid	0.168	0.150	10.7	44#	0.00
33		4-Chloroaniline	0.413	0.401	2.9	51	0.00
34	C	Hexachlorobutadiene	0.183	0.185	-1.1	53	0.00
35		Caprolactam	0.096	0.091	5.2	51	0.00
36	C	4-Chloro-3-methylphenol	0.301	0.297	1.3	51	0.00
37		2-Methylnaphthalene	0.594	0.576	3.0	52	0.00
38	I	Acenaphthene-d10	1.000	1.000	0.0	52	0.00
39		1,2,4,5-Tetrachlorobenzene	0.598	0.615	-2.8	55	0.00
40	P	Hexachlorocyclopentadiene	0.301	0.311	-3.3	51	0.00
41	S	2,4,6-Tribromophenol	0.191	0.215	-12.6	58	0.00
42	C	2,4,6-Trichlorophenol	0.407	0.431	-5.9	53	0.01
43		2,4,5-Trichlorophenol	0.422	0.444	-5.2	53	0.00
44	S	2-Fluorobiphenyl	1.172	1.254	-7.0	55	0.00

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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	1.540	1.555	-1.0	55	0.00
46		2-Chloronaphthalene	1.245	1.249	-0.3	53	0.00
47		2-Nitroaniline	0.340	0.401	-17.9	58	0.00
48		Acenaphthylene	1.856	1.878	-1.2	54	0.00
49		Dimethylphthalate	1.399	1.397	0.1	54	0.00
50		2,6-Dinitrotoluene	0.267	0.322	-20.6	57	0.00
51	C	Acenaphthene	1.149	1.166	-1.5	55	0.00
52		3-Nitroaniline	0.317	0.378	-19.2	57	0.00
53	P	2,4-Dinitrophenol	0.078	0.107	-37.2#	71	0.01
54		Dibenzofuran	1.674	1.666	0.5	54	0.00
55	P	4-Nitrophenol	0.237	0.282	-19.0	56	0.01
56		2,4-Dinitrotoluene	0.341	0.419	-22.9	60	0.00
57		Fluorene	1.074	1.157	-7.7	57	0.00
58		2,3,4,6-Tetrachlorophenol	0.340	0.368	-8.2	55	0.00
59		Diethylphthalate	1.444	1.404	2.8	52	0.00
60		4-Chlorophenyl-phenylether	0.574	0.609	-6.1	56	0.00
61		4-Nitroaniline	0.287	0.359	-25.1#	61	0.00
62		Azobenzene	1.490	1.423	4.5	51	0.00
63	I	Phenanthrene-d10	1.000	1.000	0.0	54	0.00
64		4,6-Dinitro-2-methylphenol	0.070	0.090	-28.6#	66	0.01
65	c	n-Nitrosodiphenylamine	0.665	0.633	4.8	53	0.00
66		4-Bromophenyl-phenylether	0.226	0.223	1.3	55	0.00
67		Hexachlorobenzene	0.241	0.234	2.9	54	0.00
68		Atrazine	0.213	0.212	0.5	55	0.00
69	C	Pentachlorophenol	0.147	0.157	-6.8	53	0.00
70		Phenanthrene	0.955	0.953	0.2	56	0.00
71		Anthracene	0.914	0.957	-4.7	56	0.00
72		Carbazole	0.963	0.947	1.7	56	0.00
73		Di-n-butylphthalate	1.069	1.091	-2.1	55	0.00
74	C	Fluoranthene	0.946	0.978	-3.4	55	0.00
75	I	Chrysene-d12	1.000	1.000	0.0	57	0.01
76		Benzidine	0.948	0.771	18.7	45#	0.00
77		Pyrene	1.539	1.539	0.0	56	0.00
78	S	Terphenyl-d14	0.858	0.856	0.2	58	0.00
79		Butylbenzylphthalate	0.693	0.666	3.9	51	0.00
80		Benzo(a)anthracene	1.282	1.159	9.6	51	0.01
81		3,3'-Dichlorobenzidine	0.499	0.455	8.8	50	0.00
82		Chrysene	1.241	1.172	5.6	53	0.00
83		Bis(2-ethylhexyl)phthalate	0.871	0.774	11.1	48#	0.00
84	c	Di-n-octyl phthalate	1.452	1.296	10.7	49#	0.00
85		Indeno(1,2,3-cd)pyrene	1.098	1.042	5.1	55	0.03
86	I	Perylene-d12	1.000	1.000	0.0	50#	0.02
87		Benzo(b)fluoranthene	1.088	1.034	5.0	49#	0.01

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
88	Benzo(k)fluoranthene	1.001	1.015	-1.4	50	0.01
89 C	Benzo(a)pyrene	0.981	0.949	3.3	49#	0.01
90	Dibenzo(a,h)anthracene	0.865	0.949	-9.7	54	0.02
91	Benzo(g,h,i)perylene	0.866	1.010	-16.6	57	0.03

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