Evaluate Continuing Calibration Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042225\
Data File : BF142210.D
Acq On : 22 Apr 2025 14:11
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Apr 22 15:10:27 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 22 02:14:30 2025
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	61	0.00
2		1,4-Dioxane	0.433	0.354	18.2	52	-0.02
3		Pyridine	0.940	0.850	9.6	55	-0.01
4		n-Nitrosodimethylamine	0.382	0.349	8.6	56	-0.02
5	S	2-Fluorophenol	1.067	0.999	6.4	59	0.00
6		Aniline	1.234	1.126	8.8	56	0.00
7	S	Phenol-d6	1.336	1.258	5.8	60	0.00
8		2-Chlorophenol	1.221	1.132	7.3	58	0.00
9		Benzaldehyde	0.733	0.664	9.4	60	0.00
10	C	Phenol	1.409	1.334	5.3	59	0.00
11		bis(2-Chloroethyl)ether	1.063	0.950	10.6	57	0.00
12		1,3-Dichlorobenzene	1.384	1.264	8.7	58	0.00
13	C	1,4-Dichlorobenzene	1.419	1.279	9.9	57	0.00
14		1,2-Dichlorobenzene	1.320	1.211	8.3	58	0.00
15		Benzyl Alcohol	0.974	0.951	2.4	60	0.00
16		2,2'-oxybis(1-Chloropropane	1.030	0.962	6.6	59	0.00
17		2-Methylphenol	0.919	0.863	6.1	59	0.00
18		Hexachloroethane	0.482	0.459	4.8	61	0.00
19	P	n-Nitroso-di-n-propylamine	0.755	0.714	5.4	62	0.00
20		3+4-Methylphenols	1.143	1.107	3.1	60	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	65	0.00
22		Acetophenone	0.439	0.402	8.4	61	0.00
23	S	Nitrobenzene-d5	0.318	0.299	6.0	62	0.00
24		Nitrobenzene	0.315	0.297	5.7	61	0.00
25		Isophorone	0.535	0.495	7.5	62	0.00
26	C	2-Nitrophenol	0.166	0.170	-2.4	64	0.00
27		2,4-Dimethylphenol	0.216	0.202	6.5	60	0.00
28		bis(2-Chloroethoxy)methane	0.351	0.326	7.1	61	0.00
29	C	2,4-Dichlorophenol	0.293	0.267	8.9	59	0.00
30		1,2,4-Trichlorobenzene	0.343	0.307	10.5	59	0.00
31		Naphthalene	0.945	0.895	5.3	63	0.00
32		Benzoic acid	0.175	0.163	6.9	59	0.00
33		4-Chloroaniline	0.342	0.309	9.6	59	0.00
34	C	Hexachlorobutadiene	0.226	0.202	10.6	59	0.00
35		Caprolactam	0.078	0.073	6.4	60	0.00
36	C	4-Chloro-3-methylphenol	0.295	0.271	8.1	60	0.00
37		2-Methylnaphthalene	0.653	0.594	9.0	60	0.00
38		1-Methylnaphthalene	0.632	0.577	8.7	61	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	65	0.00
40		1,2,4,5-Tetrachlorobenzene	0.654	0.578	11.6	58	0.00
41	P	Hexachlorocyclopentadiene	0.201	0.182	9.5	52	0.00
42	S	2,4,6-Tribromophenol	0.273	0.246	9.9	58	0.00
43	C	2,4,6-Trichlorophenol	0.382	0.347	9.2	58	0.00
44		2,4,5-Trichlorophenol	0.410	0.367	10.5	58	0.00
45	S	2-Fluorobiphenyl	1.227	1.133	7.7	67	0.00
46		1,1'-Biphenyl	1.434	1.355	5.5	63	0.00
47		2-Chloronaphthalene	1.113	1.013	9.0	61	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48		2-Nitroaniline	0.261	0.254	2.7	62	0.00
49		Acenaphthylene	1.573	1.460	7.2	62	0.00
50		Dimethylphthalate	1.282	1.184	7.6	61	0.00
51		2,6-Dinitrotoluene	0.288	0.265	8.0	59	0.00
52	C	Acenaphthene	1.134	1.046	7.8	61	0.00
53		3-Nitroaniline	0.276	0.245	11.2	56	0.00
54	P	2,4-Dinitrophenol	0.141	0.138	2.1	63	0.00
55		Dibenzofuran	1.590	1.477	7.1	62	0.00
56	P	4-Nitrophenol	0.202	0.175	13.4	55	0.01
57		2,4-Dinitrotoluene	0.372	0.351	5.6	60	0.00
58		Fluorene	1.230	1.137	7.6	62	0.00
59		2,3,4,6-Tetrachlorophenol	0.366	0.333	9.0	59	0.00
60		Diethylphthalate	1.197	1.114	6.9	61	0.00
61		4-Chlorophenyl-phenylether	0.677	0.610	9.9	60	0.00
62		4-Nitroaniline	0.262	0.231	11.8	56	0.00
63		Azobenzene	1.043	0.964	7.6	61	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	62	0.00
65		4,6-Dinitro-2-methylphenol	0.117	0.119	-1.7	63	0.00
66	c	n-Nitrosodiphenylamine	0.613	0.571	6.9	60	0.00
67		4-Bromophenyl-phenylether	0.263	0.236	10.3	57	0.00
68		Hexachlorobenzene	0.313	0.275	12.1	57	0.00
69		Atrazine	0.150	0.171	-14.0	106	0.00
70	C	Pentachlorophenol	0.160	0.145	9.4	53	0.00
71		Phenanthrene	0.993	0.939	5.4	62	0.00
72		Anthracene	0.993	0.946	4.7	61	0.00
73		Carbazole	0.868	0.782	9.9	58	0.00
74		Di-n-butylphthalate	0.898	0.886	1.3	61	0.00
75	C	Fluoranthene	1.032	0.919	10.9	58	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	57	0.00
77		Benzidine	0.258	0.263	-1.9	39#	0.00
78		Pyrene	1.588	1.613	-1.6	57	0.00
79	S	Terphenyl-d14	1.194	1.182	1.0	60	0.00
80		Butylbenzylphthalate	0.384	0.427	-11.2	60	0.00
81		Benzo(a)anthracene	1.211	1.114	8.0	52	0.00
82		3,3'-Dichlorobenzidine	0.361	0.351	2.8	54	0.00
83		Chrysene	1.167	1.055	9.6	53	0.00
84		Bis(2-ethylhexyl)phthalate	0.514	0.593	-15.4	62	0.00
85	c	Di-n-octyl phthalate	0.911	1.144	-25.6#	69	0.00
86	I	Perylene-d12	1.000	1.000	0.0	66	0.00
87		Indeno(1,2,3-cd)pyrene	1.403	1.329	5.3	62	0.00
88		Benzo(b)fluoranthene	1.122	0.976	13.0	56	0.00
89		Benzo(k)fluoranthene	1.108	0.954	13.9	59	0.00
90	C	Benzo(a)pyrene	1.004	0.917	8.7	61	0.00
91		Dibenzo(a,h)anthracene	1.145	1.088	5.0	61	0.00
92		Benzo(g,h,i)perylene	1.192	1.121	6.0	61	0.00

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Compound	AvgRF	CCRF	%Dev Area%	Dev(min)

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