Evaluate Continuing Calibration Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011624\
Data File : BF137077.D
Acq On : 16 Jan 2024 14:08
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Jan 16 14:28:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 21 01:54:25 2023
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	74	0.00
2		1,4-Dioxane	0.534	0.543	-1.7	78	-0.02
3		Pyridine	1.303	1.304	-0.1	74	0.00
4		n-Nitrosodimethylamine	0.696	0.639	8.2	66	0.00
5	S	2-Fluorophenol	1.282	1.318	-2.8	76	0.00
6		Aniline	1.661	1.604	3.4	71	0.00
7	S	Phenol-d6	1.661	1.655	0.4	74	0.00
8		2-Chlorophenol	1.403	1.442	-2.8	76	0.00
9		Benzaldehyde	0.945	0.933	1.3	74	0.00
10	C	Phenol	1.773	1.746	1.5	73	0.00
11		bis(2-Chloroethyl)ether	1.348	1.321	2.0	72	0.00
12		1,3-Dichlorobenzene	1.530	1.564	-2.2	75	0.00
13	C	1,4-Dichlorobenzene	1.564	1.607	-2.7	76	0.00
14		1,2-Dichlorobenzene	1.455	1.511	-3.8	77	0.00
15		Benzyl Alcohol	1.121	1.120	0.1	73	0.00
16		2,2'-oxybis(1-Chloropropane	2.205	2.071	6.1	69	-0.01
17		2-Methylphenol	1.162	1.115	4.0	72	0.00
18		Hexachloroethane	0.568	0.571	-0.5	75	-0.01
19	P	n-Nitroso-di-n-propylamine	1.007	0.980	2.7	73	-0.01
20		3+4-Methylphenols	1.452	1.467	-1.0	75	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	74	0.00
22		Acetophenone	0.501	0.506	-1.0	73	0.00
23	S	Nitrobenzene-d5	0.391	0.386	1.3	70	0.00
24		Nitrobenzene	0.392	0.386	1.5	70	0.00
25		Isophorone	0.711	0.678	4.6	69	-0.01
26	C	2-Nitrophenol	0.187	0.194	-3.7	72	0.00
27		2,4-Dimethylphenol	0.228	0.230	-0.9	72	0.00
28		bis(2-Chloroethoxy)methane	0.432	0.424	1.9	69	0.00
29	C	2,4-Dichlorophenol	0.294	0.294	0.0	71	0.00
30		1,2,4-Trichlorobenzene	0.327	0.338	-3.4	74	-0.01
31		Naphthalene	1.099	1.105	-0.5	72	0.00
32		Benzoic acid	0.221	0.183	17.2	55	0.00
33		4-Chloroaniline	0.406	0.379	6.7	67	0.00
34	C	Hexachlorobutadiene	0.199	0.209	-5.0	76	-0.01
35		Caprolactam	0.097	0.083	14.4	60	0.00
36	C	4-Chloro-3-methylphenol	0.331	0.309	6.6	67	0.00
37		2-Methylnaphthalene	0.707	0.692	2.1	71	-0.01
38		1-Methylnaphthalene	0.694	0.673	3.0	71	-0.01
39	I	Acenaphthene-d10	1.000	1.000	0.0	67	0.00
40		1,2,4,5-Tetrachlorobenzene	0.619	0.669	-8.1	70	0.00
41	P	Hexachlorocyclopentadiene	0.172	0.148	14.0	54	-0.01
42	S	2,4,6-Tribromophenol	0.236	0.216	8.5	60	0.00
43	C	2,4,6-Trichlorophenol	0.397	0.395	0.5	64	0.00
44		2,4,5-Trichlorophenol	0.443	0.434	2.0	64	0.00
45	S	2-Fluorobiphenyl	1.487	1.574	-5.9	71	-0.01
46		1,1'-Biphenyl	1.678	1.770	-5.5	70	0.00
47		2-Chloronaphthalene	1.276	1.339	-4.9	69	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48		2-Nitroaniline	0.400	0.372	7.0	61	0.00
49		Acenaphthylene	1.950	1.951	-0.1	66	0.00
50		Dimethylphthalate	1.461	1.398	4.3	64	-0.01
51		2,6-Dinitrotoluene	0.332	0.316	4.8	62	0.00
52	C	Acenaphthene	1.209	1.216	-0.6	67	0.00
53		3-Nitroaniline	0.351	0.313	10.8	57	0.00
54	P	2,4-Dinitrophenol	0.165	0.168	-1.8	61	0.00
55		Dibenzofuran	1.832	1.800	1.7	65	0.00
56	P	4-Nitrophenol	0.237	0.195	17.7	51	0.01
57		2,4-Dinitrotoluene	0.430	0.388	9.8	58	0.00
58		Fluorene	1.454	1.442	0.8	66	0.00
59		2,3,4,6-Tetrachlorophenol	0.341	0.295	13.5	55	0.00
60		Diethylphthalate	1.516	1.356	10.6	59	-0.01
61		4-Chlorophenyl-phenylether	0.707	0.708	-0.1	66	0.00
62		4-Nitroaniline	0.339	0.269	20.6	54	0.00
63		Azobenzene	1.416	1.289	9.0	61	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	59	0.00
65		4,6-Dinitro-2-methylphenol	0.115	0.106	7.8	48#	0.00
66	c	n-Nitrosodiphenylamine	0.650	0.713	-9.7	62	0.00
67		4-Bromophenyl-phenylether	0.222	0.242	-9.0	62	0.00
68		Hexachlorobenzene	0.248	0.266	-7.3	61	0.00
69		Atrazine	0.166	0.157	5.4	64	0.00
70	C	Pentachlorophenol	0.115	0.108	6.1	49#	0.00
71		Phenanthrene	1.026	1.072	-4.5	59	0.00
72		Anthracene	1.039	1.072	-3.2	59	0.00
73		Carbazole	0.980	0.952	2.9	56	0.00
74		Di-n-butylphthalate	1.196	1.157	3.3	55	0.00
75	C	Fluoranthene	1.098	1.041	5.2	54	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	59	0.00
77		Benzidine	0.590	0.551	6.6	58	0.00
78		Pyrene	1.963	1.884	4.0	54	0.00
79	S	Terphenyl-d14	1.431	1.404	1.9	56	0.00
80		Butylbenzylphthalate	0.714	0.699	2.1	55	0.00
81		Benzo(a)anthracene	1.389	1.443	-3.9	60	0.00
82		3,3'-Dichlorobenzidine	0.394	0.440	-11.7	66	0.00
83		Chrysene	1.358	1.359	-0.1	58	0.00
84		Bis(2-ethylhexyl)phthalate	0.899	0.999	-11.1	62	0.00
85	c	Di-n-octyl phthalate	1.390	1.662	-19.6	67	0.00
86	I	Perylene-d12	1.000	1.000	0.0	78	0.02
87		Indeno(1,2,3-cd)pyrene	1.444	1.653	-14.5	85	0.05
88		Benzo(b)fluoranthene	1.336	1.268	5.1	75	0.01
89		Benzo(k)fluoranthene	1.262	1.126	10.8	67	0.01
90	C	Benzo(a)pyrene	1.128	1.121	0.6	76	0.02
91		Dibenzo(a,h)anthracene	1.185	1.355	-14.3	83	0.05
92		Benzo(g,h,i)perylene	1.213	1.415	-16.7	86	0.06

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Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)

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