Evaluate Continuing Calibration Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072425\
Data File : BF143223.D
Acq On : 24 Jul 2025 10:00
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Jul 24 12:23:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 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	67	0.00
2		1,4-Dioxane	0.598	0.548	8.4	61	-0.03
3		Pyridine	1.552	1.390	10.4	60	-0.02
4		n-Nitrosodimethylamine	0.801	0.723	9.7	59	-0.02
5	S	2-Fluorophenol	1.264	1.147	9.3	62	0.00
6		Aniline	2.217	1.958	11.7	59	0.00
7	S	Phenol-d6	1.591	1.418	10.9	61	0.00
8		2-Chlorophenol	1.325	1.208	8.8	61	0.00
9		Benzaldehyde	1.193	1.070	10.3	49#	0.00
10	C	Phenol	1.733	1.640	5.4	64	0.00
11		bis(2-Chloroethyl)ether	1.327	1.167	12.1	60	0.00
12		1,3-Dichlorobenzene	1.439	1.337	7.1	64	0.00
13	C	1,4-Dichlorobenzene	1.449	1.349	6.9	63	0.00
14		1,2-Dichlorobenzene	1.378	1.276	7.4	63	0.00
15		Benzyl Alcohol	1.215	1.110	8.6	61	0.00
16		2,2'-oxybis(1-Chloropropane	2.461	2.177	11.5	60	0.00
17		2-Methylphenol	1.114	0.993	10.9	60	0.00
18		Hexachloroethane	0.502	0.476	5.2	64	0.00
19	P	n-Nitroso-di-n-propylamine	1.021	0.885	13.3	60	0.00
20		3+4-Methylphenols	1.351	1.236	8.5	61	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	65	0.00
22		Acetophenone	0.474	0.437	7.8	62	0.00
23	S	Nitrobenzene-d5	0.401	0.391	2.5	63	0.00
24		Nitrobenzene	0.374	0.354	5.3	61	0.00
25		Isophorone	0.708	0.636	10.2	59	0.00
26	C	2-Nitrophenol	0.162	0.172	-6.2	65	0.00
27		2,4-Dimethylphenol	0.331	0.297	10.3	59	0.00
28		bis(2-Chloroethoxy)methane	0.425	0.385	9.4	60	0.00
29	C	2,4-Dichlorophenol	0.279	0.259	7.2	61	0.00
30		1,2,4-Trichlorobenzene	0.302	0.285	5.6	63	0.00
31		Naphthalene	0.985	0.922	6.4	62	0.00
32		Benzoic acid	0.169	0.190	-12.4	68	-0.01
33		4-Chloroaniline	0.402	0.365	9.2	60	0.00
34	C	Hexachlorobutadiene	0.184	0.179	2.7	64	0.00
35		Caprolactam	0.084	0.081	3.6	60	-0.02
36	C	4-Chloro-3-methylphenol	0.303	0.281	7.3	60	0.00
37		2-Methylnaphthalene	0.599	0.562	6.2	63	0.00
38		1-Methylnaphthalene	0.617	0.578	6.3	62	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	63	0.00
40		1,2,4,5-Tetrachlorobenzene	0.577	0.555	3.8	63	0.00
41	P	Hexachlorocyclopentadiene	0.376	0.373	0.8	63	0.00
42	S	2,4,6-Tribromophenol	0.207	0.193	6.8	57	0.00
43	C	2,4,6-Trichlorophenol	0.400	0.377	5.8	61	0.00
44		2,4,5-Trichlorophenol	0.400	0.384	4.0	59	0.00
45	S	2-Fluorobiphenyl	1.462	1.406	3.8	65	0.00
46		1,1'-Biphenyl	1.560	1.488	4.6	63	0.00
47		2-Chloronaphthalene	1.155	1.094	5.3	62	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48		2-Nitroaniline	0.362	0.365	-0.8	61	0.00
49		Acenaphthylene	1.935	1.824	5.7	61	0.00
50		Dimethylphthalate	1.304	1.232	5.5	60	0.00
51		2,6-Dinitrotoluene	0.265	0.265	0.0	60	0.00
52	C	Acenaphthene	1.144	1.089	4.8	62	0.00
53		3-Nitroaniline	0.310	0.301	2.9	59	0.00
54	P	2,4-Dinitrophenol	0.098	0.120	-22.4	72	0.00
55		Dibenzofuran	1.698	1.590	6.4	61	0.00
56	P	4-Nitrophenol	0.232	0.226	2.6	58	0.00
57		2,4-Dinitrotoluene	0.333	0.342	-2.7	60	0.00
58		Fluorene	1.274	1.196	6.1	62	0.00
59		2,3,4,6-Tetrachlorophenol	0.331	0.288	13.0	54	0.00
60		Diethylphthalate	1.289	1.220	5.4	60	0.00
61		4-Chlorophenyl-phenylether	0.635	0.598	5.8	61	0.00
62		4-Nitroaniline	0.266	0.267	-0.4	60	0.00
63		Azobenzene	1.343	1.233	8.2	58	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	62	0.00
65		4,6-Dinitro-2-methylphenol	0.094	0.108	-14.9	69	0.00
66	c	n-Nitrosodiphenylamine	0.704	0.640	9.1	59	0.00
67		4-Bromophenyl-phenylether	0.238	0.222	6.7	61	0.00
68		Hexachlorobenzene	0.249	0.227	8.8	59	0.00
69		Atrazine	0.194	0.191	1.5	61	0.00
70	C	Pentachlorophenol	0.147	0.134	8.8	56	0.00
71		Phenanthrene	1.062	0.986	7.2	60	0.00
72		Anthracene	1.083	0.998	7.8	60	0.00
73		Carbazole	0.946	0.901	4.8	61	0.00
74		Di-n-butylphthalate	1.070	1.092	-2.1	64	0.00
75	C	Fluoranthene	0.975	0.974	0.1	64	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	81	0.00
77		Benzidine	0.771	0.740	4.0	63	0.00
78		Pyrene	1.707	1.398	18.1	66	0.00
79	S	Terphenyl-d14	1.344	1.106	17.7	68	0.00
80		Butylbenzylphthalate	0.523	0.570	-9.0	85	0.00
81		Benzo(a)anthracene	1.339	1.197	10.6	75	0.00
82		3,3'-Dichlorobenzidine	0.446	0.426	4.5	80	0.00
83		Chrysene	1.204	1.133	5.9	76	0.00
84		Bis(2-ethylhexyl)phthalate	0.791	0.818	-3.4	84	0.00
85	c	Di-n-octyl phthalate	1.434	1.431	0.2	84	0.00
86	I	Perylene-d12	1.000	1.000	0.0	84	0.00
87		Indeno(1,2,3-cd)pyrene	1.410	1.346	4.5	80	0.00
88		Benzo(b)fluoranthene	1.222	1.092	10.6	80	0.00
89		Benzo(k)fluoranthene	1.090	1.069	1.9	79	0.00
90	C	Benzo(a)pyrene	1.126	1.057	6.1	79	0.00
91		Dibenzo(a,h)anthracene	1.148	1.081	5.8	79	0.00
92		Benzo(g,h,i)perylene	1.110	1.073	3.3	82	0.00

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