Evaluate Continuing Calibration Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080525\
Data File : BF143319.D
Acq On : 05 Aug 2025 16:54
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Aug 06 11:16:26 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	69	0.00
2		1,4-Dioxane	0.598	0.642	-7.4	74	-0.04
3		Pyridine	1.552	1.579	-1.7	72	-0.01
4		n-Nitrosodimethylamine	0.801	0.826	-3.1	71	-0.02
5	S	2-Fluorophenol	1.264	1.292	-2.2	73	0.01
6		Aniline	2.217	2.105	5.1	66	0.00
7	S	Phenol-d6	1.591	1.556	2.2	69	0.01
8		2-Chlorophenol	1.325	1.315	0.8	70	0.01
9		Benzaldehyde	1.193	1.292	-8.3	62	0.00
10	C	Phenol	1.733	1.765	-1.8	72	0.01
11		bis(2-Chloroethyl)ether	1.327	1.347	-1.5	72	0.00
12		1,3-Dichlorobenzene	1.439	1.429	0.7	71	0.00
13	C	1,4-Dichlorobenzene	1.449	1.434	1.0	70	0.00
14		1,2-Dichlorobenzene	1.378	1.361	1.2	70	0.00
15		Benzyl Alcohol	1.215	1.176	3.2	67	0.00
16		2,2'-oxybis(1-Chloropropane	2.461	2.429	1.3	70	0.00
17		2-Methylphenol	1.114	1.059	4.9	67	0.01
18		Hexachloroethane	0.502	0.399	20.5	56	0.00
19	P	n-Nitroso-di-n-propylamine	1.021	0.938	8.1	66	0.00
20		3+4-Methylphenols	1.351	1.253	7.3	65	0.01
21	I	Naphthalene-d8	1.000	1.000	0.0	63	0.00
22		Acetophenone	0.474	0.492	-3.8	68	0.00
23	S	Nitrobenzene-d5	0.401	0.430	-7.2	68	0.00
24		Nitrobenzene	0.374	0.399	-6.7	67	0.00
25		Isophorone	0.708	0.723	-2.1	66	0.00
26	C	2-Nitrophenol	0.162	0.101	37.7#	37#	0.00
27		2,4-Dimethylphenol	0.331	0.324	2.1	63	0.01
28		bis(2-Chloroethoxy)methane	0.425	0.450	-5.9	69	0.00
29	C	2,4-Dichlorophenol	0.279	0.263	5.7	60	0.00
30		1,2,4-Trichlorobenzene	0.302	0.300	0.7	64	0.00
31		Naphthalene	0.985	0.976	0.9	64	0.00
32		Benzoic acid	0.169	0.113	33.1#	39#	-0.02
33		4-Chloroaniline	0.402	0.397	1.2	64	0.00
34	C	Hexachlorobutadiene	0.184	0.187	-1.6	65	0.00
35		Caprolactam	0.084	0.084	0.0	61	0.00
36	C	4-Chloro-3-methylphenol	0.303	0.263	13.2	55	0.01
37		2-Methylnaphthalene	0.599	0.558	6.8	60	0.00
38		1-Methylnaphthalene	0.617	0.575	6.8	60	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	52	0.00
40		1,2,4,5-Tetrachlorobenzene	0.577	0.636	-10.2	60	0.00
41	P	Hexachlorocyclopentadiene	0.376	0.029#	92.3#	4#	0.00
42	S	2,4,6-Tribromophenol	0.207	0.190	8.2	47#	0.00
43	C	2,4,6-Trichlorophenol	0.400	0.371	7.3	50	0.01
44		2,4,5-Trichlorophenol	0.400	0.377	5.8	48#	0.01
45	S	2-Fluorobiphenyl	1.462	1.573	-7.6	60	0.00
46		1,1'-Biphenyl	1.560	1.687	-8.1	59	0.00
47		2-Chloronaphthalene	1.155	1.195	-3.5	56	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48		2-Nitroaniline	0.362	0.438	-21.0	60	0.00
49		Acenaphthylene	1.935	1.945	-0.5	54	0.00
50		Dimethylphthalate	1.304	1.440	-10.4	58	0.00
51		2,6-Dinitrotoluene	0.265	0.255	3.8	48#	0.00
52	C	Acenaphthene	1.144	1.091	4.6	52	0.00
53		3-Nitroaniline	0.310	0.381	-22.9	62	0.00
54	P	2,4-Dinitrophenol	0.098	0.001#	99.0#	1#	0.01
55		Dibenzofuran	1.698	1.660	2.2	53	0.00
56	P	4-Nitrophenol	0.232	0.345	-48.7#	73	0.02
57		2,4-Dinitrotoluene	0.333	0.304	8.7	44#	0.00
58		Fluorene	1.274	1.229	3.5	53	0.00
59		2,3,4,6-Tetrachlorophenol	0.331	0.303	8.5	47#	0.00
60		Diethylphthalate	1.289	1.339	-3.9	55	0.00
61		4-Chlorophenyl-phenylether	0.635	0.624	1.7	53	0.00
62		4-Nitroaniline	0.266	0.348	-30.8#	65	0.00
63		Azobenzene	1.343	1.281	4.6	50	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	49#	0.00
65		4,6-Dinitro-2-methylphenol	0.094	0.003	96.8#	1#	0.00
66	c	n-Nitrosodiphenylamine	0.704	0.705	-0.1	51	0.00
67		4-Bromophenyl-phenylether	0.238	0.230	3.4	50#	0.00
68		Hexachlorobenzene	0.249	0.231	7.2	48#	0.00
69		Atrazine	0.194	0.182	6.2	46#	0.00
70	C	Pentachlorophenol	0.147	0.109	25.9#	36#	0.01
71		Phenanthrene	1.062	1.061	0.1	51	0.00
72		Anthracene	1.083	1.105	-2.0	52	0.00
73		Carbazole	0.946	1.057	-11.7	56	0.00
74		Di-n-butylphthalate	1.070	1.233	-15.2	57	0.00
75	C	Fluoranthene	0.975	1.229	-26.1#	63	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	76	0.01
77		Benzidine	0.771	0.490	36.4#	39#	0.01
78		Pyrene	1.707	1.487	12.9	66	0.01
79	S	Terphenyl-d14	1.344	1.156	14.0	67	0.00
80		Butylbenzylphthalate	0.523	0.646	-23.5	91	0.00
81		Benzo(a)anthracene	1.339	1.342	-0.2	80	0.01
82		3,3'-Dichlorobenzidine	0.446	0.427	4.3	76	0.01
83		Chrysene	1.204	1.141	5.2	72	0.01
84		Bis(2-ethylhexyl)phthalate	0.791	0.927	-17.2	89	0.00
85	c	Di-n-octyl phthalate	1.434	1.502	-4.7	83	0.00
86	I	Perylene-d12	1.000	1.000	0.0	51	0.02
87		Indeno(1,2,3-cd)pyrene	1.410	1.177	16.5	42#	0.04
88		Benzo(b)fluoranthene	1.222	1.276	-4.4	56	0.02
89		Benzo(k)fluoranthene	1.090	1.280	-17.4	57	0.02
90	C	Benzo(a)pyrene	1.126	1.135	-0.8	51	0.02
91		Dibenzo(a,h)anthracene	1.148	0.958	16.6	42#	0.03
92		Benzo(g,h,i)perylene	1.110	0.931	16.1	43#	0.04

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Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 2 CCC's out = 3