Evaluate Continuing Calibration Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061325\
Data File : BM050300.D
Acq On : 13 Jun 2025 13:56
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTDCCC040

Quant Time: Jun 13 14:48:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 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	140	0.00
2		1,4-Dioxane	0.526	0.556	-5.7	162#	0.00
3		Pyridine	1.361	1.462	-7.4	156#	0.00
4		n-Nitrosodimethylamine	0.281	0.311	-10.7	160#	0.00
5	S	2-Fluorophenol	1.199	1.272	-6.1	155#	0.00
6		Aniline	2.086	2.086	0.0	141	0.00
7	S	Phenol-d6	1.578	1.599	-1.3	143	0.00
8		2-Chlorophenol	1.319	1.326	-0.5	143	0.00
9		Benzaldehyde	1.003	0.924	7.9	147	0.00
10	C	Phenol	1.670	1.689	-1.1	144	0.00
11		bis(2-Chloroethyl)ether	1.343	1.375	-2.4	146	0.00
12		1,3-Dichlorobenzene	1.474	1.478	-0.3	146	0.00
13	C	1,4-Dichlorobenzene	1.534	1.499	2.3	144	0.00
14		1,2-Dichlorobenzene	1.462	1.440	1.5	144	-0.01
15		Benzyl Alcohol	1.126	1.108	1.6	136	0.00
16		2,2'-oxybis(1-Chloropropane	0.933	1.115	-19.5	171#	0.00
17		2-Methylphenol	1.102	1.081	1.9	136	0.00
18		Hexachloroethane	0.556	0.570	-2.5	149	-0.01
19	P	n-Nitroso-di-n-propylamine	0.966	0.981	-1.6	137	0.00
20		3+4-Methylphenols	1.474	1.441	2.2	133	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	130	0.00
22		Acetophenone	0.500	0.493	1.4	135	0.00
23	S	Nitrobenzene-d5	0.385	0.406	-5.5	141	0.00
24		Nitrobenzene	0.350	0.366	-4.6	141	-0.01
25		Isophorone	0.664	0.661	0.5	131	0.00
26	C	2-Nitrophenol	0.151	0.154	-2.0	129	0.00
27		2,4-Dimethylphenol	0.310	0.307	1.0	132	0.00
28		bis(2-Chloroethoxy)methane	0.434	0.449	-3.5	137	0.00
29	C	2,4-Dichlorophenol	0.287	0.283	1.4	129	0.00
30		1,2,4-Trichlorobenzene	0.319	0.311	2.5	133	0.00
31		Naphthalene	1.034	1.008	2.5	134	0.00
32		Benzoic acid	0.195	0.178	8.7	114	0.00
33		4-Chloroaniline	0.441	0.431	2.3	130	-0.01
34	C	Hexachlorobutadiene	0.190	0.181	4.7	129	-0.01
35		Caprolactam	0.091	0.089	2.2	120	0.00
36	C	4-Chloro-3-methylphenol	0.306	0.302	1.3	126	0.00
37		2-Methylnaphthalene	0.624	0.611	2.1	130	-0.01
38		1-Methylnaphthalene	0.662	0.650	1.8	131	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	121	0.00
40		1,2,4,5-Tetrachlorobenzene	0.578	0.571	1.2	127	0.00
41	P	Hexachlorocyclopentadiene	0.351	0.345	1.7	122	0.00
42	S	2,4,6-Tribromophenol	0.227	0.233	-2.6	122	0.00
43	C	2,4,6-Trichlorophenol	0.380	0.377	0.8	122	0.00
44		2,4,5-Trichlorophenol	0.417	0.408	2.2	119	0.00
45	S	2-Fluorobiphenyl	1.477	1.458	1.3	128	-0.01
46		1,1'-Biphenyl	1.498	1.481	1.1	127	0.00
47		2-Chloronaphthalene	1.164	1.135	2.5	126	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48		2-Nitroaniline	0.256	0.295	-15.2	133	0.00
49		Acenaphthylene	1.883	1.860	1.2	123	0.00
50		Dimethylphthalate	1.353	1.327	1.9	119	0.00
51		2,6-Dinitrotoluene	0.273	0.282	-3.3	118	0.00
52	C	Acenaphthene	1.178	1.143	3.0	122	0.00
53		3-Nitroaniline	0.304	0.323	-6.3	121	0.00
54	P	2,4-Dinitrophenol	0.146	0.112	23.3	89	0.00
55		Dibenzofuran	1.723	1.707	0.9	124	0.00
56	P	4-Nitrophenol	0.259	0.270	-4.2	119	0.00
57		2,4-Dinitrotoluene	0.360	0.379	-5.3	116	0.00
58		Fluorene	1.320	1.338	-1.4	127	0.00
59		2,3,4,6-Tetrachlorophenol	0.361	0.360	0.3	119	0.00
60		Diethylphthalate	1.342	1.347	-0.4	121	0.00
61		4-Chlorophenyl-phenylether	0.638	0.646	-1.3	128	0.00
62		4-Nitroaniline	0.285	0.319	-11.9	125	0.00
63		Azobenzene	1.341	1.392	-3.8	128	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	117	0.00
65		4,6-Dinitro-2-methylphenol	0.109	0.103	5.5	108	0.00
66	c	n-Nitrosodiphenylamine	0.628	0.617	1.8	122	0.00
67		4-Bromophenyl-phenylether	0.213	0.212	0.5	122	0.00
68		Hexachlorobenzene	0.249	0.250	-0.4	123	0.00
69		Atrazine	0.200	0.203	-1.5	115	0.00
70	C	Pentachlorophenol	0.162	0.166	-2.5	119	0.00
71		Phenanthrene	1.143	1.120	2.0	122	0.00
72		Anthracene	1.143	1.133	0.9	122	0.00
73		Carbazole	1.041	1.056	-1.4	122	0.00
74		Di-n-butylphthalate	1.133	1.200	-5.9	121	0.00
75	C	Fluoranthene	1.205	1.248	-3.6	124	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	131	-0.01
77		Benzidine	0.562	0.561	0.2	119	0.00
78		Pyrene	1.348	1.268	5.9	126	0.00
79	S	Terphenyl-d14	1.055	1.032	2.2	134	0.00
80		Butylbenzylphthalate	0.450	0.467	-3.8	125	0.00
81		Benzo(a)anthracene	1.266	1.244	1.7	134	0.00
82		3,3'-Dichlorobenzidine	0.386	0.424	-9.8	134	0.00
83		Chrysene	1.204	1.191	1.1	136	0.00
84		Bis(2-ethylhexyl)phthalate	0.693	0.745	-7.5	132	-0.01
85	c	Di-n-octyl phthalate	1.028	1.126	-9.5	132	-0.02
86	I	Perylene-d12	1.000	1.000	0.0	148	-0.01
87		Indeno(1,2,3-cd)pyrene	1.288	1.380	-7.1	172#	-0.02
88		Benzo(b)fluoranthene	1.163	1.147	1.4	146	-0.01
89		Benzo(k)fluoranthene	1.187	1.200	-1.1	153#	-0.01
90	C	Benzo(a)pyrene	1.093	1.110	-1.6	152#	-0.01
91		Dibenzo(a,h)anthracene	1.045	1.138	-8.9	174#	-0.02
92		Benzo(g,h,i)perylene	1.046	1.136	-8.6	177#	-0.02

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