Evaluate Continuing Calibration Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072325\
Data File : BM050488.D
Acq On : 23 Jul 2025 13:14
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTDCCC040

Quant Time: Jul 23 14:46:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 16:20:15 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	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	138	0.00
2		1,4-Dioxane	40.000	38.254	4.4	137	0.00
3		Pyridine	40.000	39.731	0.7	140	0.00
4		n-Nitrosodimethylamine	40.000	35.960	10.1	127	0.00
5	S	2-Fluorophenol	80.000	79.501	0.6	139	0.00
6		Aniline	40.000	41.320	-3.3	143	0.00
7	S	Phenol-d6	80.000	81.901	-2.4	141	0.00
8		2-Chlorophenol	40.000	41.387	-3.5	144	0.00
9		Benzaldehyde	40.000	44.554	-11.4	149	0.00
10	C	Phenol	40.000	40.266	-0.7	141	0.00
11		bis(2-Chloroethyl)ether	40.000	39.410	1.5	139	0.00
12		1,3-Dichlorobenzene	40.000	39.386	1.5	140	0.00
13	C	1,4-Dichlorobenzene	40.000	39.181	2.0	141	0.00
14		1,2-Dichlorobenzene	40.000	39.362	1.6	140	0.00
15		Benzyl Alcohol	40.000	42.755	-6.9	149	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	37.486	6.3	133	0.00
17		2-Methylphenol	40.000	41.606	-4.0	144	0.00
18		Hexachloroethane	40.000	39.156	2.1	139	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	42.563	-6.4	143	0.00
20		3+4-Methylphenols	40.000	42.131	-5.3	146	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	140	0.00
22		Acetophenone	40.000	39.144	2.1	139	0.00
23	S	Nitrobenzene-d5	80.000	80.737	-0.9	141	0.00
24		Nitrobenzene	40.000	39.446	1.4	140	0.00
25		Isophorone	40.000	42.697	-6.7	149	0.00
26	C	2-Nitrophenol	40.000	47.979	-19.9	163	0.00
27		2,4-Dimethylphenol	40.000	41.327	-3.3	147	0.00
28		bis(2-Chloroethoxy)methane	40.000	39.914	0.2	141	0.00
29	C	2,4-Dichlorophenol	40.000	42.727	-6.8	149	0.00
30		1,2,4-Trichlorobenzene	40.000	40.370	-0.9	145	0.00
31		Naphthalene	40.000	39.345	1.6	141	0.00
32		Benzoic acid	40.000	50.347	-25.9#	201	0.01
33		4-Chloroaniline	40.000	42.048	-5.1	147	0.00
34	C	Hexachlorobutadiene	40.000	40.602	-1.5	146	0.00
35		Caprolactam	40.000	48.795	-22.0	167	0.00
36	C	4-Chloro-3-methylphenol	40.000	43.748	-9.4	151	0.01
37		2-Methylnaphthalene	40.000	41.640	-4.1	147	0.00
38		1-Methylnaphthalene	40.000	41.485	-3.7	146	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	147	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	40.292	-0.7	151	0.00
41	P	Hexachlorocyclopentadiene	40.000	37.906	5.2	143	0.00
42	S	2,4,6-Tribromophenol	80.000	95.785	-19.7	172	0.00
43	C	2,4,6-Trichlorophenol	40.000	43.762	-9.4	159	0.00
44		2,4,5-Trichlorophenol	40.000	44.153	-10.4	161	0.00
45	S	2-Fluorobiphenyl	80.000	78.238	2.2	146	0.00
46		1,1'-Biphenyl	40.000	39.120	2.2	148	0.00
47		2-Chloronaphthalene	40.000	38.910	2.7	147	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48		2-Nitroaniline	40.000	43.806	-9.5	152	0.00
49		Acenaphthylene	40.000	40.370	-0.9	149	0.00
50		Dimethylphthalate	40.000	40.836	-2.1	152	0.00
51		2,6-Dinitrotoluene	40.000	45.097	-12.7	160	0.00
52	C	Acenaphthene	40.000	40.158	-0.4	151	0.00
53		3-Nitroaniline	40.000	44.817	-12.0	157	0.00
54	P	2,4-Dinitrophenol	40.000	46.194	-15.5	198	0.00
55		Dibenzofuran	40.000	39.264	1.8	147	0.00
56	P	4-Nitrophenol	40.000	43.907	-9.8	159	0.01
57		2,4-Dinitrotoluene	40.000	42.370	-5.9	164	0.00
58		Fluorene	40.000	39.924	0.2	149	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	45.303	-13.3	164	0.00
60		Diethylphthalate	40.000	41.177	-2.9	152	0.00
61		4-Chlorophenyl-phenylether	40.000	40.083	-0.2	148	0.00
62		4-Nitroaniline	40.000	40.874	-2.2	154	0.00
63		Azobenzene	40.000	39.319	1.7	144	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	155	0.00
65		4,6-Dinitro-2-methylphenol	40.000	43.709	-9.3	192	0.01
66	c	n-Nitrosodiphenylamine	40.000	39.258	1.9	153	0.00
67		4-Bromophenyl-phenylether	40.000	41.972	-4.9	165	0.00
68		Hexachlorobenzene	40.000	41.179	-2.9	162	0.00
69		Atrazine	40.000	43.371	-8.4	164	0.00
70	C	Pentachlorophenol	40.000	43.998	-10.0	172	0.01
71		Phenanthrene	40.000	38.814	3.0	155	0.00
72		Anthracene	40.000	40.195	-0.5	158	0.00
73		Carbazole	40.000	40.392	-1.0	158	0.01
74		Di-n-butylphthalate	40.000	42.868	-7.2	163	0.00
75	C	Fluoranthene	40.000	42.202	-5.5	164	0.01
76	I	Chrysene-d12	20.000	20.000	0.0	157	0.01
77		Benzidine	40.000	58.375	-45.9#	212	0.00
78		Pyrene	40.000	39.792	0.5	159	0.01
79	S	Terphenyl-d14	80.000	72.969	8.8	129	0.00
80		Butylbenzylphthalate	40.000	49.099	-22.7	185	0.00
81		Benzo(a)anthracene	40.000	40.477	-1.2	162	0.01
82		3,3'-Dichlorobenzidine	40.000	47.438	-18.6	191	0.01
83		Chrysene	40.000	39.635	0.9	158	0.00
84		Bis(2-ethylhexyl)phthalate	40.000	46.142	-15.4	172	0.01
85	c	Di-n-octyl phthalate	40.000	51.226	-28.1#	200	0.01
86	I	Perylene-d12	20.000	20.000	0.0	178	0.02
87		Indeno(1,2,3-cd)pyrene	40.000	41.116	-2.8	184	0.03
88		Benzo(b)fluoranthene	40.000	39.187	2.0	174	0.01
89		Benzo(k)fluoranthene	40.000	36.789	8.0	165	0.01
90	C	Benzo(a)pyrene	40.000	40.096	-0.2	177	0.02
91		Dibenzo(a,h)anthracene	40.000	40.284	-0.7	180	0.02
92		Benzo(g,h,i)perylene	40.000	41.216	-3.0	185	0.04

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Compound	Amount	Calc.	%Dev	Area%	Dev(min)

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