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	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	138	0.00
2		1,4-Dioxane	0.478	0.457	4.4	137	0.00
3		Pyridine	1.254	1.246	0.6	140	0.00
4		n-Nitrosodimethylamine	0.585	0.526	10.1	127	0.00
5	S	2-Fluorophenol	1.162	1.155	0.6	139	0.00
6		Aniline	1.880	1.942	-3.3	143	0.00
7	S	Phenol-d6	1.465	1.499	-2.3	141	0.00
8		2-Chlorophenol	1.225	1.268	-3.5	144	0.00
9		Benzaldehyde	0.871	0.970	-11.4	149	0.00
10	C	Phenol	1.528	1.538	-0.7	141	0.00
11		bis(2-Chloroethyl)ether	1.223	1.205	1.5	139	0.00
12		1,3-Dichlorobenzene	1.490	1.467	1.5	140	0.00
13	C	1,4-Dichlorobenzene	1.521	1.490	2.0	141	0.00
14		1,2-Dichlorobenzene	1.456	1.433	1.6	140	0.00
15		Benzyl Alcohol	1.032	1.103	-6.9	149	0.00
16		2,2'-oxybis(1-Chloropropane	1.802	1.689	6.3	133	0.00
17		2-Methylphenol	0.991	1.031	-4.0	144	0.00
18		Hexachloroethane	0.535	0.524	2.1	139	0.00
19	P	n-Nitroso-di-n-propylamine	0.887	0.944	-6.4	143	0.00
20		3+4-Methylphenols	1.330	1.401	-5.3	146	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	140	0.00
22		Acetophenone	0.500	0.489	2.2	139	0.00
23	S	Nitrobenzene-d5	0.392	0.396	-1.0	141	0.00
24		Nitrobenzene	0.350	0.345	1.4	140	0.00
25		Isophorone	0.636	0.679	-6.8	149	0.00
26	C	2-Nitrophenol	0.143	0.171	-19.6	163#	0.00
27		2,4-Dimethylphenol	0.303	0.313	-3.3	147	0.00
28		bis(2-Chloroethoxy)methane	0.422	0.421	0.2	141	0.00
29	C	2,4-Dichlorophenol	0.312	0.333	-6.7	149	0.00
30		1,2,4-Trichlorobenzene	0.373	0.376	-0.8	145	0.00
31		Naphthalene	1.016	0.999	1.7	141	0.00
32		Benzoic acid	0.165	0.236	-43.0#	201#	0.01
33		4-Chloroaniline	0.429	0.451	-5.1	147	0.00
34	C	Hexachlorobutadiene	0.228	0.231	-1.3	146	0.00
35		Caprolactam	0.085	0.104	-22.4	167#	0.00
36	C	4-Chloro-3-methylphenol	0.291	0.318	-9.3	151#	0.01
37		2-Methylnaphthalene	0.641	0.668	-4.2	147	0.00
38		1-Methylnaphthalene	0.679	0.704	-3.7	146	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	147	0.00
40		1,2,4,5-Tetrachlorobenzene	0.636	0.641	-0.8	151#	0.00
41	P	Hexachlorocyclopentadiene	0.407	0.385	5.4	143	0.00
42	S	2,4,6-Tribromophenol	0.243	0.291	-19.8	172#	0.00
43	C	2,4,6-Trichlorophenol	0.391	0.428	-9.5	159#	0.00
44		2,4,5-Trichlorophenol	0.428	0.472	-10.3	161#	0.00
45	S	2-Fluorobiphenyl	1.620	1.584	2.2	146	0.00
46		1,1'-Biphenyl	1.484	1.451	2.2	148	0.00
47		2-Chloronaphthalene	1.183	1.151	2.7	147	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48		2-Nitroaniline	0.264	0.289	-9.5	152#	0.00
49		Acenaphthylene	1.788	1.805	-1.0	149	0.00
50		Dimethylphthalate	1.377	1.406	-2.1	152#	0.00
51		2,6-Dinitrotoluene	0.264	0.298	-12.9	160#	0.00
52	C	Acenaphthene	1.137	1.141	-0.4	151#	0.00
53		3-Nitroaniline	0.281	0.315	-12.1	157#	0.00
54	P	2,4-Dinitrophenol	0.121	0.158	-30.6#	198#	0.00
55		Dibenzofuran	1.751	1.719	1.8	147	0.00
56	P	4-Nitrophenol	0.242	0.265	-9.5	159#	0.01
57		2,4-Dinitrotoluene	0.350	0.416	-18.9	164#	0.00
58		Fluorene	1.443	1.440	0.2	149	0.00
59		2,3,4,6-Tetrachlorophenol	0.360	0.408	-13.3	164#	0.00
60		Diethylphthalate	1.315	1.354	-3.0	152#	0.00
61		4-Chlorophenyl-phenylether	0.754	0.756	-0.3	148	0.00
62		4-Nitroaniline	0.288	0.327	-13.5	154#	0.00
63		Azobenzene	1.208	1.187	1.7	144	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	155#	0.00
65		4,6-Dinitro-2-methylphenol	0.095	0.116	-22.1	192#	0.01
66	c	n-Nitrosodiphenylamine	0.626	0.614	1.9	153#	0.00
67		4-Bromophenyl-phenylether	0.220	0.231	-5.0	165#	0.00
68		Hexachlorobenzene	0.260	0.268	-3.1	162#	0.00
69		Atrazine	0.206	0.223	-8.3	164#	0.00
70	C	Pentachlorophenol	0.162	0.178	-9.9	172#	0.01
71		Phenanthrene	1.132	1.098	3.0	155#	0.00
72		Anthracene	1.127	1.132	-0.4	158#	0.00
73		Carbazole	1.019	1.029	-1.0	158#	0.01
74		Di-n-butylphthalate	1.116	1.196	-7.2	163#	0.00
75	C	Fluoranthene	1.230	1.298	-5.5	164#	0.01
76	I	Chrysene-d12	1.000	1.000	0.0	157#	0.01
77		Benzidine	0.510	0.744	-45.9#	212#	0.00
78		Pyrene	1.281	1.274	0.5	159#	0.01
79	S	Terphenyl-d14	1.137	1.037	8.8	129	0.00
80		Butylbenzylphthalate	0.422	0.518	-22.7	185#	0.00
81		Benzo(a)anthracene	1.303	1.319	-1.2	162#	0.01
82		3,3'-Dichlorobenzidine	0.439	0.521	-18.7	191#	0.01
83		Chrysene	1.229	1.218	0.9	158#	0.00
84		Bis(2-ethylhexyl)phthalate	0.670	0.773	-15.4	172#	0.01
85	c	Di-n-octyl phthalate	1.050	1.345	-28.1#	200#	0.01
86	I	Perylene-d12	1.000	1.000	0.0	178#	0.02
87		Indeno(1,2,3-cd)pyrene	1.422	1.462	-2.8	184#	0.03
88		Benzo(b)fluoranthene	1.230	1.205	2.0	174#	0.01
89		Benzo(k)fluoranthene	1.276	1.174	8.0	165#	0.01
90	C	Benzo(a)pyrene	1.152	1.154	-0.2	177#	0.02
91		Dibenzo(a,h)anthracene	1.198	1.206	-0.7	180#	0.02
92		Benzo(g,h,i)perylene	1.132	1.166	-3.0	185#	0.04

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