Evaluate Continuing Calibration Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082125\
Data File : BF143539.D
Acq On : 21 Aug 2025 19:32
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Aug 22 01:02:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 21 06:12:21 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	80	0.00
2		1,4-Dioxane	0.531	0.518	2.4	78	0.00
3		Pyridine	1.413	1.378	2.5	77	0.00
4		n-Nitrosodimethylamine	0.635	0.633	0.3	79	-0.02
5	S	2-Fluorophenol	1.145	1.138	0.6	80	0.00
6		Aniline	1.890	1.816	3.9	77	0.00
7	S	Phenol-d6	1.414	1.375	2.8	78	-0.01
8		2-Chlorophenol	1.265	1.247	1.4	79	0.00
9		Benzaldehyde	1.145	1.334	-16.5	89	0.00
10	C	Phenol	1.629	1.605	1.5	78	-0.01
11		bis(2-Chloroethyl)ether	1.217	1.180	3.0	78	0.00
12		1,3-Dichlorobenzene	1.421	1.381	2.8	78	0.00
13	C	1,4-Dichlorobenzene	1.426	1.405	1.5	80	0.00
14		1,2-Dichlorobenzene	1.350	1.316	2.5	78	0.00
15		Benzyl Alcohol	1.059	1.057	0.2	78	0.00
16		2,2'-oxybis(1-Chloropropane	1.947	1.836	5.7	75	0.00
17		2-Methylphenol	1.015	0.989	2.6	78	0.00
18		Hexachloroethane	0.485	0.487	-0.4	80	0.00
19	P	n-Nitroso-di-n-propylamine	0.864	0.843	2.4	80	-0.01
20		3+4-Methylphenols	1.212	1.209	0.2	80	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	77	0.00
22		Acetophenone	0.432	0.430	0.5	79	0.00
23	S	Nitrobenzene-d5	0.343	0.348	-1.5	78	-0.01
24		Nitrobenzene	0.353	0.363	-2.8	79	0.00
25		Isophorone	0.628	0.636	-1.3	79	-0.01
26	C	2-Nitrophenol	0.173	0.179	-3.5	78	0.00
27		2,4-Dimethylphenol	0.269	0.267	0.7	76	0.00
28		bis(2-Chloroethoxy)methane	0.386	0.385	0.3	77	0.00
29	C	2,4-Dichlorophenol	0.288	0.283	1.7	76	0.00
30		1,2,4-Trichlorobenzene	0.296	0.292	1.4	77	0.00
31		Naphthalene	0.960	0.942	1.9	77	0.00
32		Benzoic acid	0.137	0.118	13.9	63	-0.04
33		4-Chloroaniline	0.341	0.329	3.5	74	0.00
34	C	Hexachlorobutadiene	0.193	0.196	-1.6	79	0.00
35		Caprolactam	0.069	0.076	-10.1	82	-0.04
36	C	4-Chloro-3-methylphenol	0.288	0.279	3.1	75	0.00
37		2-Methylnaphthalene	0.641	0.620	3.3	75	0.00
38		1-Methylnaphthalene	0.613	0.583	4.9	75	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	70	0.00
40		1,2,4,5-Tetrachlorobenzene	0.572	0.595	-4.0	74	0.00
41	P	Hexachlorocyclopentadiene	0.184	0.203	-10.3	72	0.00
42	S	2,4,6-Tribromophenol	0.186	0.167	10.2	62	0.00
43	C	2,4,6-Trichlorophenol	0.352	0.369	-4.8	71	0.00
44		2,4,5-Trichlorophenol	0.385	0.387	-0.5	71	0.00
45	S	2-Fluorobiphenyl	1.210	1.266	-4.6	77	0.00
46		1,1'-Biphenyl	1.420	1.484	-4.5	74	0.00
47		2-Chloronaphthalene	1.114	1.142	-2.5	72	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48		2-Nitroaniline	0.326	0.339	-4.0	70	0.00
49		Acenaphthylene	1.595	1.612	-1.1	71	0.00
50		Dimethylphthalate	1.205	1.333	-10.6	78	0.00
51		2,6-Dinitrotoluene	0.250	0.267	-6.8	72	-0.01
52	C	Acenaphthene	1.083	1.076	0.6	70	0.00
53		3-Nitroaniline	0.270	0.274	-1.5	69	0.00
54	P	2,4-Dinitrophenol	0.115	0.095	17.4	55	0.00
55		Dibenzofuran	1.544	1.507	2.4	69	0.00
56	P	4-Nitrophenol	0.161	0.175	-8.7	71	0.00
57		2,4-Dinitrotoluene	0.333	0.340	-2.1	68	-0.01
58		Fluorene	1.188	1.140	4.0	69	0.00
59		2,3,4,6-Tetrachlorophenol	0.286	0.270	5.6	64	0.00
60		Diethylphthalate	1.080	1.180	-9.3	76	0.00
61		4-Chlorophenyl-phenylether	0.594	0.588	1.0	70	0.00
62		4-Nitroaniline	0.248	0.244	1.6	67	-0.01
63		Azobenzene	1.120	1.091	2.6	68	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	61	0.00
65		4,6-Dinitro-2-methylphenol	0.113	0.091	19.5	47#	-0.01
66	c	n-Nitrosodiphenylamine	0.644	0.713	-10.7	68	0.00
67		4-Bromophenyl-phenylether	0.239	0.259	-8.4	66	0.00
68		Hexachlorobenzene	0.257	0.263	-2.3	62	0.00
69		Atrazine	0.166	0.212	-27.7#	77	0.00
70	C	Pentachlorophenol	0.118	0.244	-106.8#	120	0.00
71		Phenanthrene	1.071	1.070	0.1	63	0.00
72		Anthracene	1.085	1.084	0.1	62	0.00
73		Carbazole	0.889	0.901	-1.3	62	0.00
74		Di-n-butylphthalate	0.829	1.069	-29.0#	77	0.00
75	C	Fluoranthene	0.961	0.984	-2.4	63	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	90	0.00
77		Benzidine	0.487	0.436	10.5	76	0.00
78		Pyrene	1.645	1.215	26.1#	67	0.00
79	S	Terphenyl-d14	1.146	0.889	22.4	71	0.00
80		Butylbenzylphthalate	0.449	0.495	-10.2	95	0.00
81		Benzo(a)anthracene	1.288	1.260	2.2	86	0.00
82		3,3'-Dichlorobenzidine	0.369	0.389	-5.4	94	0.00
83		Chrysene	1.157	1.191	-2.9	96	0.00
84		Bis(2-ethylhexyl)phthalate	0.685	0.737	-7.6	93	0.00
85	c	Di-n-octyl phthalate	1.268	1.337	-5.4	93	0.00
86	I	Perylene-d12	1.000	1.000	0.0	89	0.00
87		Indeno(1,2,3-cd)pyrene	1.437	1.011	29.6#	62	-0.02
88		Benzo(b)fluoranthene	1.112	1.179	-6.0	98	0.00
89		Benzo(k)fluoranthene	1.064	1.106	-3.9	91	0.00
90	C	Benzo(a)pyrene	1.032	1.041	-0.9	90	0.00
91		Dibenzo(a,h)anthracene	1.151	0.836	27.4#	64	-0.02
92		Benzo(g,h,i)perylene	1.145	0.732	36.1#	56	-0.02

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Compound	AvgRF	CCRF	%Dev Area%	Dev(min)

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