Evaluate Continuing Calibration Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031725\
Data File : BF141973.D
Acq On : 17 Mar 2025 09:39
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Mar 17 10:19:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 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	71	0.00
2		1,4-Dioxane	0.502	0.490	2.4	69	-0.04
3		Pyridine	1.232	1.157	6.1	68	-0.03
4		n-Nitrosodimethylamine	0.587	0.525	10.6	64	-0.04
5	S	2-Fluorophenol	1.198	1.143	4.6	71	0.00
6		Aniline	1.505	1.301	13.6	63	0.00
7	S	Phenol-d6	1.526	1.395	8.6	69	0.00
8		2-Chlorophenol	1.329	1.240	6.7	70	0.00
9		Benzaldehyde	0.853	0.698	18.2	64	0.00
10	C	Phenol	1.605	1.465	8.7	68	0.00
11		bis(2-Chloroethyl)ether	1.205	1.072	11.0	67	0.00
12		1,3-Dichlorobenzene	1.435	1.356	5.5	70	0.00
13	C	1,4-Dichlorobenzene	1.452	1.382	4.8	71	0.00
14		1,2-Dichlorobenzene	1.367	1.302	4.8	71	0.00
15		Benzyl Alcohol	1.233	1.103	10.5	66	0.00
16		2,2'-oxybis(1-Chloropropane	1.455	1.194	17.9	62	0.00
17		2-Methylphenol	1.057	0.929	12.1	66	0.00
18		Hexachloroethane	0.544	0.502	7.7	69	0.00
19	P	n-Nitroso-di-n-propylamine	0.980	0.794	19.0	62	0.00
20		3+4-Methylphenols	1.354	1.184	12.6	65	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	66	0.00
22		Acetophenone	0.479	0.453	5.4	65	0.00
23	S	Nitrobenzene-d5	0.355	0.342	3.7	65	0.00
24		Nitrobenzene	0.353	0.337	4.5	64	0.00
25		Isophorone	0.628	0.555	11.6	61	0.00
26	C	2-Nitrophenol	0.173	0.173	0.0	65	0.00
27		2,4-Dimethylphenol	0.239	0.219	8.4	63	0.00
28		bis(2-Chloroethoxy)methane	0.394	0.352	10.7	62	0.00
29	C	2,4-Dichlorophenol	0.296	0.281	5.1	65	0.00
30		1,2,4-Trichlorobenzene	0.327	0.319	2.4	68	0.00
31		Naphthalene	1.027	0.987	3.9	66	0.00
32		Benzoic acid	0.210	0.213	-1.4	68	-0.01
33		4-Chloroaniline	0.363	0.328	9.6	62	0.00
34	C	Hexachlorobutadiene	0.213	0.209	1.9	68	0.00
35		Caprolactam	0.090	0.076	15.6	60	-0.01
36	C	4-Chloro-3-methylphenol	0.331	0.296	10.6	61	0.00
37		2-Methylnaphthalene	0.687	0.632	8.0	64	0.00
38		1-Methylnaphthalene	0.663	0.607	8.4	64	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	61	0.00
40		1,2,4,5-Tetrachlorobenzene	0.609	0.630	-3.4	64	0.00
41	P	Hexachlorocyclopentadiene	0.238	0.242	-1.7	59	0.00
42	S	2,4,6-Tribromophenol	0.254	0.242	4.7	59	0.00
43	C	2,4,6-Trichlorophenol	0.398	0.397	0.3	60	0.00
44		2,4,5-Trichlorophenol	0.403	0.397	1.5	62	0.00
45	S	2-Fluorobiphenyl	1.315	1.326	-0.8	64	0.00
46		1,1'-Biphenyl	1.520	1.526	-0.4	64	0.00
47		2-Chloronaphthalene	1.133	1.123	0.9	62	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48		2-Nitroaniline	0.328	0.310	5.5	58	0.00
49		Acenaphthylene	1.681	1.647	2.0	61	0.00
50		Dimethylphthalate	1.401	1.315	6.1	60	0.00
51		2,6-Dinitrotoluene	0.292	0.281	3.8	60	0.00
52	C	Acenaphthene	1.181	1.164	1.4	62	0.00
53		3-Nitroaniline	0.296	0.280	5.4	58	0.00
54	P	2,4-Dinitrophenol	0.139	0.138	0.7	59	0.00
55		Dibenzofuran	1.688	1.612	4.5	60	0.00
56	P	4-Nitrophenol	0.223	0.220	1.3	58	0.00
57		2,4-Dinitrotoluene	0.381	0.363	4.7	59	0.00
58		Fluorene	1.302	1.247	4.2	61	0.00
59		2,3,4,6-Tetrachlorophenol	0.367	0.353	3.8	60	0.00
60		Diethylphthalate	1.397	1.280	8.4	58	0.00
61		4-Chlorophenyl-phenylether	0.679	0.653	3.8	61	0.00
62		4-Nitroaniline	0.288	0.271	5.9	57	0.00
63		Azobenzene	1.298	1.187	8.6	58	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	58	0.00
65		4,6-Dinitro-2-methylphenol	0.119	0.121	-1.7	58	0.00
66	c	n-Nitrosodiphenylamine	0.647	0.639	1.2	60	0.00
67		4-Bromophenyl-phenylether	0.251	0.248	1.2	59	0.00
68		Hexachlorobenzene	0.275	0.277	-0.7	59	0.00
69		Atrazine	0.198	0.174	12.1	61	0.00
70	C	Pentachlorophenol	0.170	0.175	-2.9	57	0.00
71		Phenanthrene	1.080	1.047	3.1	58	0.00
72		Anthracene	1.084	1.059	2.3	59	0.00
73		Carbazole	0.935	0.886	5.2	56	0.00
74		Di-n-butylphthalate	1.240	1.152	7.1	57	0.00
75	C	Fluoranthene	1.146	1.043	9.0	54	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	60	0.00
77		Benzidine	0.279	0.353	-26.5#	59	0.00
78		Pyrene	1.730	1.469	15.1	55	0.00
79	S	Terphenyl-d14	1.353	1.154	14.7	55	0.00
80		Butylbenzylphthalate	0.677	0.594	12.3	55	0.00
81		Benzo(a)anthracene	1.312	1.239	5.6	59	0.00
82		3,3'-Dichlorobenzidine	0.379	0.427	-12.7	69	0.00
83		Chrysene	1.190	1.192	-0.2	63	0.00
84		Bis(2-ethylhexyl)phthalate	0.934	0.858	8.1	57	0.00
85	c	Di-n-octyl phthalate	1.299	1.464	-12.7	70	0.00
86	I	Perylene-d12	1.000	1.000	0.0	87	0.00
87		Indeno(1,2,3-cd)pyrene	1.294	1.403	-8.4	95	0.00
88		Benzo(b)fluoranthene	1.371	1.109	19.1	79	0.00
89		Benzo(k)fluoranthene	1.173	1.101	6.1	79	0.00
90	C	Benzo(a)pyrene	1.073	1.006	6.2	84	0.00
91		Dibenzo(a,h)anthracene	1.067	1.162	-8.9	94	0.00
92		Benzo(g,h,i)perylene	1.055	1.184	-12.2	96	0.00

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