Evaluate Continuing Calibration Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031825\
Data File : BF141986.D
Acq On : 18 Mar 2025 10:00
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Mar 18 11:21:50 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	90	0.00
2		1,4-Dioxane	0.502	0.468	6.8	83	-0.02
3		Pyridine	1.232	1.146	7.0	84	-0.02
4		n-Nitrosodimethylamine	0.587	0.535	8.9	82	-0.02
5	S	2-Fluorophenol	1.198	1.134	5.3	89	0.00
6		Aniline	1.505	1.325	12.0	81	0.00
7	S	Phenol-d6	1.526	1.389	9.0	87	0.00
8		2-Chlorophenol	1.329	1.232	7.3	88	0.00
9		Benzaldehyde	0.853	0.718	15.8	83	0.00
10	C	Phenol	1.605	1.452	9.5	85	0.00
11		bis(2-Chloroethyl)ether	1.205	1.072	11.0	84	0.00
12		1,3-Dichlorobenzene	1.435	1.381	3.8	90	0.00
13	C	1,4-Dichlorobenzene	1.452	1.376	5.2	89	0.00
14		1,2-Dichlorobenzene	1.367	1.289	5.7	89	0.00
15		Benzyl Alcohol	1.233	1.111	9.9	84	0.00
16		2,2'-oxybis(1-Chloropropane	1.455	1.205	17.2	80	0.00
17		2-Methylphenol	1.057	0.935	11.5	83	0.00
18		Hexachloroethane	0.544	0.511	6.1	89	0.00
19	P	n-Nitroso-di-n-propylamine	0.980	0.814	16.9	80	0.00
20		3+4-Methylphenols	1.354	1.180	12.9	82	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	85	0.00
22		Acetophenone	0.479	0.448	6.5	82	0.00
23	S	Nitrobenzene-d5	0.355	0.347	2.3	84	0.00
24		Nitrobenzene	0.353	0.341	3.4	83	0.00
25		Isophorone	0.628	0.567	9.7	80	0.00
26	C	2-Nitrophenol	0.173	0.179	-3.5	87	0.00
27		2,4-Dimethylphenol	0.239	0.224	6.3	82	0.00
28		bis(2-Chloroethoxy)methane	0.394	0.362	8.1	82	0.00
29	C	2,4-Dichlorophenol	0.296	0.285	3.7	84	0.00
30		1,2,4-Trichlorobenzene	0.327	0.325	0.6	89	0.00
31		Naphthalene	1.027	0.984	4.2	85	0.00
32		Benzoic acid	0.210	0.220	-4.8	89	0.00
33		4-Chloroaniline	0.363	0.338	6.9	81	0.00
34	C	Hexachlorobutadiene	0.213	0.218	-2.3	91	0.00
35		Caprolactam	0.090	0.081	10.0	82	0.00
36	C	4-Chloro-3-methylphenol	0.331	0.307	7.3	82	0.00
37		2-Methylnaphthalene	0.687	0.645	6.1	83	0.00
38		1-Methylnaphthalene	0.663	0.623	6.0	84	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	82	0.00
40		1,2,4,5-Tetrachlorobenzene	0.609	0.613	-0.7	85	0.00
41	P	Hexachlorocyclopentadiene	0.238	0.240	-0.8	79	0.00
42	S	2,4,6-Tribromophenol	0.254	0.249	2.0	81	0.00
43	C	2,4,6-Trichlorophenol	0.398	0.390	2.0	80	0.00
44		2,4,5-Trichlorophenol	0.403	0.408	-1.2	86	0.00
45	S	2-Fluorobiphenyl	1.315	1.277	2.9	84	0.00
46		1,1'-Biphenyl	1.520	1.463	3.7	82	0.00
47		2-Chloronaphthalene	1.133	1.094	3.4	82	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48		2-Nitroaniline	0.328	0.312	4.9	79	0.00
49		Acenaphthylene	1.681	1.619	3.7	81	0.00
50		Dimethylphthalate	1.401	1.313	6.3	81	0.00
51		2,6-Dinitrotoluene	0.292	0.284	2.7	82	0.00
52	C	Acenaphthene	1.181	1.156	2.1	83	0.00
53		3-Nitroaniline	0.296	0.282	4.7	79	0.00
54	P	2,4-Dinitrophenol	0.139	0.155	-11.5	90	0.00
55		Dibenzofuran	1.688	1.620	4.0	82	0.00
56	P	4-Nitrophenol	0.223	0.220	1.3	79	0.00
57		2,4-Dinitrotoluene	0.381	0.373	2.1	81	0.00
58		Fluorene	1.302	1.226	5.8	82	0.00
59		2,3,4,6-Tetrachlorophenol	0.367	0.359	2.2	82	0.00
60		Diethylphthalate	1.397	1.301	6.9	80	0.00
61		4-Chlorophenyl-phenylether	0.679	0.651	4.1	83	0.00
62		4-Nitroaniline	0.288	0.273	5.2	78	0.00
63		Azobenzene	1.298	1.176	9.4	77	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	78	0.00
65		4,6-Dinitro-2-methylphenol	0.119	0.128	-7.6	83	0.00
66	c	n-Nitrosodiphenylamine	0.647	0.642	0.8	81	0.00
67		4-Bromophenyl-phenylether	0.251	0.253	-0.8	81	0.00
68		Hexachlorobenzene	0.275	0.281	-2.2	82	0.00
69		Atrazine	0.198	0.169	14.6	81	0.00
70	C	Pentachlorophenol	0.170	0.180	-5.9	79	0.00
71		Phenanthrene	1.080	1.040	3.7	78	0.00
72		Anthracene	1.084	1.045	3.6	78	0.00
73		Carbazole	0.935	0.868	7.2	75	0.00
74		Di-n-butylphthalate	1.240	1.146	7.6	76	0.00
75	C	Fluoranthene	1.146	1.012	11.7	71	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	74	0.00
77		Benzidine	0.279	0.408	-46.2#	84	0.00
78		Pyrene	1.730	1.547	10.6	71	0.00
79	S	Terphenyl-d14	1.353	1.221	9.8	71	0.00
80		Butylbenzylphthalate	0.677	0.604	10.8	69	0.00
81		Benzo(a)anthracene	1.312	1.246	5.0	73	0.00
82		3,3'-Dichlorobenzidine	0.379	0.412	-8.7	82	0.00
83		Chrysene	1.190	1.143	3.9	75	0.00
84		Bis(2-ethylhexyl)phthalate	0.934	0.857	8.2	71	0.00
85	c	Di-n-octyl phthalate	1.299	1.378	-6.1	81	0.00
86	I	Perylene-d12	1.000	1.000	0.0	94	0.00
87		Indeno(1,2,3-cd)pyrene	1.294	1.320	-2.0	97	0.02
88		Benzo(b)fluoranthene	1.371	1.299	5.3	101	0.00
89		Benzo(k)fluoranthene	1.173	0.961	18.1	75	0.00
90	C	Benzo(a)pyrene	1.073	1.008	6.1	92	0.00
91		Dibenzo(a,h)anthracene	1.067	1.090	-2.2	96	0.01
92		Benzo(g,h,i)perylene	1.055	1.080	-2.4	96	0.02

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