Evaluate Continuing Calibration Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042325\
Data File : BM050007.D
Acq On : 23 Apr 2025 10:38
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTDCCC040

Quant Time: Apr 23 11:33:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 09 04:00:55 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	102	-0.02
2		1,4-Dioxane	0.485	0.449	7.4	93	-0.01
3		Pyridine	1.274	1.149	9.8	91	-0.01
4		n-Nitrosodimethylamine	0.485	0.466	3.9	97	0.00
5	S	2-Fluorophenol	1.178	1.114	5.4	95	0.00
6		Aniline	1.256	1.168	7.0	90	-0.01
7	S	Phenol-d6	1.465	1.377	6.0	94	0.00
8		2-Chlorophenol	1.207	1.146	5.1	96	-0.01
9		Benzaldehyde	0.752	0.791	-5.2	107	-0.01
10	C	Phenol	1.430	1.337	6.5	94	0.00
11		bis(2-Chloroethyl)ether	1.121	1.103	1.6	99	-0.02
12		1,3-Dichlorobenzene	1.427	1.358	4.8	96	-0.02
13	C	1,4-Dichlorobenzene	1.436	1.373	4.4	96	-0.02
14		1,2-Dichlorobenzene	1.352	1.294	4.3	96	-0.02
15		Benzyl Alcohol	0.923	0.869	5.9	93	0.00
16		2,2'-oxybis(1-Chloropropane	1.250	1.236	1.1	99	-0.01
17		2-Methylphenol	0.881	0.829	5.9	95	0.00
18		Hexachloroethane	0.500	0.479	4.2	97	-0.02
19	P	n-Nitroso-di-n-propylamine	0.812	0.790	2.7	96	-0.01
20		3+4-Methylphenols	1.201	1.121	6.7	93	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	100	-0.02
22		Acetophenone	0.486	0.470	3.3	95	-0.01
23	S	Nitrobenzene-d5	0.359	0.354	1.4	96	-0.01
24		Nitrobenzene	0.346	0.337	2.6	95	-0.01
25		Isophorone	0.602	0.585	2.8	95	-0.01
26	C	2-Nitrophenol	0.183	0.183	0.0	97	-0.01
27		2,4-Dimethylphenol	0.208	0.202	2.9	95	0.00
28		bis(2-Chloroethoxy)methane	0.403	0.390	3.2	95	-0.02
29	C	2,4-Dichlorophenol	0.345	0.325	5.8	92	0.00
30		1,2,4-Trichlorobenzene	0.399	0.390	2.3	97	-0.02
31		Naphthalene	1.028	0.987	4.0	95	-0.01
32		Benzoic acid	0.220	0.201	8.6	88	0.04
33		4-Chloroaniline	0.363	0.325	10.5	86	0.00
34	C	Hexachlorobutadiene	0.247	0.250	-1.2	101	-0.02
35		Caprolactam	0.099	0.087	12.1	86	0.00
36	C	4-Chloro-3-methylphenol	0.302	0.286	5.3	93	0.01
37		2-Methylnaphthalene	0.724	0.698	3.6	95	-0.01
38		1-Methylnaphthalene	0.705	0.677	4.0	95	-0.01
39	I	Acenaphthene-d10	1.000	1.000	0.0	99	-0.01
40		1,2,4,5-Tetrachlorobenzene	0.700	0.706	-0.9	99	-0.01
41	P	Hexachlorocyclopentadiene	0.245	0.292	-19.2	109	-0.02
42	S	2,4,6-Tribromophenol	0.291	0.283	2.7	95	0.00
43	C	2,4,6-Trichlorophenol	0.445	0.441	0.9	95	0.00
44		2,4,5-Trichlorophenol	0.484	0.473	2.3	93	0.00
45	S	2-Fluorobiphenyl	1.475	1.485	-0.7	97	-0.02
46		1,1'-Biphenyl	1.487	1.468	1.3	95	-0.01
47		2-Chloronaphthalene	1.169	1.132	3.2	94	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48		2-Nitroaniline	0.270	0.269	0.4	94	0.00
49		Acenaphthylene	1.702	1.646	3.3	93	-0.01
50		Dimethylphthalate	1.411	1.375	2.6	94	-0.01
51		2,6-Dinitrotoluene	0.296	0.296	0.0	94	0.00
52	C	Acenaphthene	1.083	1.039	4.1	92	-0.01
53		3-Nitroaniline	0.286	0.271	5.2	87	0.00
54	P	2,4-Dinitrophenol	0.175	0.159	9.1	86	0.00
55		Dibenzofuran	1.810	1.748	3.4	94	-0.01
56	P	4-Nitrophenol	0.255	0.205	19.6	75	0.04
57		2,4-Dinitrotoluene	0.394	0.396	-0.5	93	0.00
58		Fluorene	1.439	1.386	3.7	92	0.00
59		2,3,4,6-Tetrachlorophenol	0.424	0.397	6.4	92	0.00
60		Diethylphthalate	1.353	1.303	3.7	93	-0.01
61		4-Chlorophenyl-phenylether	0.771	0.763	1.0	96	-0.02
62		4-Nitroaniline	0.295	0.271	8.1	84	0.00
63		Azobenzene	1.158	1.123	3.0	92	-0.01
64	I	Phenanthrene-d10	1.000	1.000	0.0	97	0.00
65		4,6-Dinitro-2-methylphenol	0.126	0.121	4.0	89	0.00
66	c	n-Nitrosodiphenylamine	0.599	0.581	3.0	91	-0.01
67		4-Bromophenyl-phenylether	0.232	0.236	-1.7	96	-0.01
68		Hexachlorobenzene	0.266	0.268	-0.8	96	-0.01
69		Atrazine	0.155	0.148	4.5	111	0.00
70	C	Pentachlorophenol	0.196	0.163	16.8	78	0.00
71		Phenanthrene	1.096	1.052	4.0	90	-0.01
72		Anthracene	1.081	1.051	2.8	91	0.00
73		Carbazole	1.018	0.946	7.1	87	0.00
74		Di-n-butylphthalate	1.172	1.139	2.8	91	-0.01
75	C	Fluoranthene	1.348	1.289	4.4	90	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	90	0.00
77		Benzidine	0.265	0.251	5.3	56	0.00
78		Pyrene	1.378	1.424	-3.3	91	0.00
79	S	Terphenyl-d14	1.067	1.201	-12.6	91	-0.01
80		Butylbenzylphthalate	0.518	0.520	-0.4	87	-0.01
81		Benzo(a)anthracene	1.329	1.296	2.5	85	0.00
82		3,3'-Dichlorobenzidine	0.502	0.441	12.2	75	0.00
83		Chrysene	1.264	1.209	4.4	84	0.00
84		Bis(2-ethylhexyl)phthalate	0.755	0.749	0.8	86	-0.01
85	c	Di-n-octyl phthalate	1.320	1.240	6.1	81	-0.02
86	I	Perylene-d12	1.000	1.000	0.0	83	0.00
87		Indeno(1,2,3-cd)pyrene	1.491	1.378	7.6	76	0.00
88		Benzo(b)fluoranthene	1.277	1.250	2.1	79	0.00
89		Benzo(k)fluoranthene	1.238	1.184	4.4	79	0.00
90	C	Benzo(a)pyrene	1.122	1.069	4.7	78	0.00
91		Dibenzo(a,h)anthracene	1.228	1.129	8.1	75	0.00
92		Benzo(g,h,i)perylene	1.255	1.140	9.2	74	0.00

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