Evaluate Continuing Calibration Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010825\
Data File : BF141079.D
Acq On : 08 Jan 2025 10:49
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Jan 08 11:10:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 27 00:31:16 2024
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	87	0.00
2		1,4-Dioxane	0.601	0.546	9.2	80	0.00
3		Pyridine	1.468	1.388	5.4	84	0.00
4		n-Nitrosodimethylamine	0.744	0.665	10.6	78	0.00
5	S	2-Fluorophenol	1.327	1.230	7.3	83	0.00
6		Aniline	1.524	1.453	4.7	78	-0.02
7	S	Phenol-d6	1.709	1.560	8.7	81	0.00
8		2-Chlorophenol	1.399	1.329	5.0	83	0.00
9		Benzaldehyde	0.941	0.822	12.6	83	0.00
10	C	Phenol	1.767	1.674	5.3	83	0.00
11		bis(2-Chloroethyl)ether	1.427	1.255	12.1	80	0.00
12		1,3-Dichlorobenzene	1.544	1.470	4.8	84	0.00
13	C	1,4-Dichlorobenzene	1.556	1.483	4.7	85	0.00
14		1,2-Dichlorobenzene	1.451	1.384	4.6	85	0.00
15		Benzyl Alcohol	1.228	1.143	6.9	81	0.00
16		2,2'-oxybis(1-Chloropropane	2.158	1.867	13.5	77	0.00
17		2-Methylphenol	1.162	1.076	7.4	81	0.00
18		Hexachloroethane	0.553	0.541	2.2	86	0.00
19	P	n-Nitroso-di-n-propylamine	1.047	0.924	11.7	80	0.00
20		3+4-Methylphenols	1.471	1.355	7.9	81	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	85	0.00
22		Acetophenone	0.491	0.449	8.6	81	0.00
23	S	Nitrobenzene-d5	0.313	0.360	-15.0	94	0.00
24		Nitrobenzene	0.349	0.379	-8.6	88	0.00
25		Isophorone	0.680	0.633	6.9	82	0.00
26	C	2-Nitrophenol	0.118	0.171	-44.9#	114	0.00
27		2,4-Dimethylphenol	0.249	0.232	6.8	82	0.00
28		bis(2-Chloroethoxy)methane	0.431	0.399	7.4	82	0.00
29	C	2,4-Dichlorophenol	0.282	0.279	1.1	85	0.00
30		1,2,4-Trichlorobenzene	0.319	0.312	2.2	85	0.00
31		Naphthalene	1.054	1.008	4.4	84	0.00
32		Benzoic acid	0.178	0.231	-29.8#	110	0.00
33		4-Chloroaniline	0.381	0.355	6.8	82	0.00
34	C	Hexachlorobutadiene	0.188	0.189	-0.5	89	0.00
35		Caprolactam	0.096	0.094	2.1	84	0.00
36	C	4-Chloro-3-methylphenol	0.313	0.305	2.6	84	0.00
37		2-Methylnaphthalene	0.674	0.642	4.7	85	0.00
38		1-Methylnaphthalene	0.663	0.632	4.7	85	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	86	0.00
40		1,2,4,5-Tetrachlorobenzene	0.550	0.545	0.9	87	0.00
41	P	Hexachlorocyclopentadiene	0.182	0.201	-10.4	92	0.00
42	S	2,4,6-Tribromophenol	0.194	0.220	-13.4	96	0.00
43	C	2,4,6-Trichlorophenol	0.366	0.371	-1.4	88	0.00
44		2,4,5-Trichlorophenol	0.375	0.399	-6.4	90	0.00
45	S	2-Fluorobiphenyl	1.255	1.195	4.8	87	0.00
46		1,1'-Biphenyl	1.531	1.468	4.1	85	0.00
47		2-Chloronaphthalene	1.188	1.151	3.1	87	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48		2-Nitroaniline	0.259	0.348	-34.4#	104	0.00
49		Acenaphthylene	1.710	1.641	4.0	85	0.00
50		Dimethylphthalate	1.316	1.285	2.4	86	0.00
51		2,6-Dinitrotoluene	0.231	0.304	-31.6#	102	0.00
52	C	Acenaphthene	1.156	1.140	1.4	87	0.00
53		3-Nitroaniline	0.255	0.315	-23.5	96	0.00
54	P	2,4-Dinitrophenol	0.075	0.136	-81.3#	163#	0.01
55		Dibenzofuran	1.624	1.560	3.9	86	0.00
56	P	4-Nitrophenol	0.225	0.253	-12.4	95	0.00
57		2,4-Dinitrotoluene	0.273	0.395	-44.7#	109	0.00
58		Fluorene	1.260	1.194	5.2	86	0.00
59		2,3,4,6-Tetrachlorophenol	0.310	0.334	-7.7	91	0.00
60		Diethylphthalate	1.299	1.258	3.2	85	0.00
61		4-Chlorophenyl-phenylether	0.606	0.591	2.5	88	0.00
62		4-Nitroaniline	0.255	0.306	-20.0	94	0.00
63		Azobenzene	1.363	1.266	7.1	82	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	80	0.00
65		4,6-Dinitro-2-methylphenol	0.067	0.120	-79.1#	145	0.00
66	c	n-Nitrosodiphenylamine	0.630	0.641	-1.7	85	0.00
67		4-Bromophenyl-phenylether	0.216	0.235	-8.8	89	0.00
68		Hexachlorobenzene	0.238	0.253	-6.3	88	0.00
69		Atrazine	0.176	0.152	13.6	78	0.00
70	C	Pentachlorophenol	0.148	0.172	-16.2	89	0.00
71		Phenanthrene	1.053	1.047	0.6	84	0.00
72		Anthracene	1.031	1.031	0.0	84	0.00
73		Carbazole	0.992	0.952	4.0	81	0.00
74		Di-n-butylphthalate	1.128	1.121	0.6	83	0.00
75	C	Fluoranthene	1.142	1.062	7.0	78	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	70	0.01
77		Benzidine	0.423	0.466	-10.2	78	0.00
78		Pyrene	1.749	1.813	-3.7	75	0.00
79	S	Terphenyl-d14	1.204	1.265	-5.1	77	0.00
80		Butylbenzylphthalate	0.639	0.638	0.2	68	0.00
81		Benzo(a)anthracene	1.394	1.301	6.7	66	0.02
82		3,3'-Dichlorobenzidine	0.419	0.421	-0.5	73	0.01
83		Chrysene	1.257	1.170	6.9	67	0.01
84		Bis(2-ethylhexyl)phthalate	0.828	0.762	8.0	65	0.01
85	c	Di-n-octyl phthalate	1.199	1.174	2.1	68	0.04
86	I	Perylene-d12	1.000	1.000	0.0	85	0.05
87		Indeno(1,2,3-cd)pyrene	1.260	1.430	-13.5	93	0.06
88		Benzo(b)fluoranthene	1.395	1.236	11.4	74	0.04
89		Benzo(k)fluoranthene	1.093	1.030	5.8	82	0.04
90	C	Benzo(a)pyrene	1.083	1.038	4.2	83	0.04
91		Dibenzo(a,h)anthracene	1.021	1.169	-14.5	93	0.06
92		Benzo(g,h,i)perylene	1.059	1.221	-15.3	93	0.07

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Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)

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