

Method Path : Z:\HPCHEM1\BNA_F\METHODS\
 Method File : 8270-BF050217.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Wed May 03 17:24:51 2017
 Response Via : Initial Calibration

Calibration Files

2.5 =BF094789.D 10 =BF094790.D 25 =BF094791.D 40 =BF094792.D 50 =BF094793.D 60 =BF094794.D 80 =BF094795.D

	Compound	2.5	10	25	40	50	60	80	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----								
2)	1,4-Dioxane	0.707	0.568	0.579	0.558	0.571	0.568	0.568	0.588	8.97
3)	Pyridine	1.179	1.346	1.325	1.426	1.473	1.432	1.364		7.80
4)	n-Nitrosodimet...	0.520	0.574	0.547	0.594	0.592	0.583	0.568		5.13
5) S	2-Fluorophenol	1.268	1.134	1.221	1.190	1.224	1.191	1.168	1.200	3.61
6)	Aniline	1.677	1.765	1.893	1.898	1.785	1.892	1.810	1.817	4.56
7) S	Phenol-d6	1.570	1.469	1.409	1.435	1.379	1.435	1.378	1.439	4.61
8)	2-Chlorophenol	1.474	1.333	1.389	1.346	1.369	1.355	1.293	1.365	4.14
9)	Benzaldehyde	1.047	0.914	0.907	0.891	0.808	0.816	0.769	0.879	10.52
10) C	Phenol	1.621	1.615	1.503	1.508	1.455	1.494	1.421	1.517	4.99
11)	bis(2-Chloroet...	1.403	1.228	1.263	1.253	1.204	1.228	1.185	1.252	5.72
12)	1,3-Dichlorobe...	1.733	1.548	1.577	1.439	1.560	1.518	1.468	1.549	6.15
13) C	1,4-Dichlorobe...	1.653	1.631	1.551	1.574	1.585	1.529	1.472	1.571	3.90
14)	1,2-Dichlorobe...	1.623	1.481	1.495	1.450	1.460	1.424	1.330	1.466	5.98
15)	Benzyl Alcohol	0.713	0.937	0.945	0.964	0.996	0.974	0.952	0.926	10.38
16)	2,2'-oxybis(1-...	2.002	1.809	1.798	1.718	1.732	1.636	1.712	1.772	6.58
17)	2-Methylphenol	1.215	1.123	1.165	1.069	1.108	1.054	1.088	1.117	5.04
18)	Hexachloroethane	0.603	0.501	0.525	0.536	0.541	0.539	0.479	0.532	7.30
19) P	n-Nitroso-di-n...	1.004	0.947	0.971	0.949	0.998	0.983	0.962	0.973	2.31
20)	3+4-Methylphenols	1.579	1.508	1.569	1.506	1.552	1.506	1.409	1.518	3.79
21) I	Naphthalene-d8	-----ISTD-----								
22)	Acetophenone	0.441	0.475	0.509	0.472	0.493	0.489	0.482	0.480	4.44
23) S	Nitrobenzene-d5	0.305	0.317	0.338	0.317	0.322	0.325	0.297	0.317	4.24
24)	Nitrobenzene	0.335	0.334	0.351	0.323	0.345	0.337	0.303	0.332	4.71
25)	Isophorone	0.563	0.547	0.564	0.561	0.572	0.581	0.578	0.566	2.03
26) C	2-Nitrophenol	0.153	0.175	0.193	0.182	0.181	0.188	0.184	0.179	7.29
27)	2,4-Dimethylph...	0.287	0.292	0.313	0.278	0.300	0.279	0.280	0.290	4.45
28)	bis(2-Chloroet...	0.366	0.383	0.418	0.386	0.408	0.400	0.381	0.392	4.53
29) C	2,4-Dichloroph...	0.259	0.275	0.296	0.262	0.292	0.272	0.260	0.274	5.54
30)	1,2,4-Trichlor...	0.304	0.297	0.306	0.284	0.299	0.287	0.275	0.293	3.86
31)	Naphthalene	1.069	1.037	1.047	0.977	1.027	0.952	0.928	1.005	5.29
32)	Benzoic acid	0.126	0.170	0.169	0.200	0.193	0.201	0.177		16.14
33)	4-Chloroaniline	0.324	0.382	0.437	0.371	0.392	0.370	0.345	0.375	9.64
34) C	Hexachlorobuta...	0.157	0.157	0.165	0.150	0.157	0.152	0.145	0.155	4.12
35)	Caprolactam	0.059	0.081	0.088	0.085	0.090	0.086	0.087	0.082	12.90
36) C	4-Chloro-3-met...	0.291	0.279	0.300	0.289	0.305	0.296	0.290	0.293	2.95
37)	2-Methylnaphth...	0.695	0.688	0.712	0.640	0.666	0.600	0.616	0.660	6.40

Method Path : Z:\HPCHEM1\BNA_F\METHODS\
 Method File : 8270-BF050217.M

38) I	Acenaphthene-d10	-----ISTD-----								
39)	1,2,4,5-Tetrac...	0.635	0.594	0.632	0.648	0.594	0.609	0.593	0.615	3.73
40) P	Hexachlorocycl...		0.132	0.203	0.241	0.242	0.248	0.262	0.221	21.56
41) S	2,4,6-Tribromo...	0.150	0.160	0.176	0.175	0.154	0.166	0.164	0.164	5.93
42) C	2,4,6-Trichlor...	0.377	0.409	0.400	0.431	0.422	0.415	0.421	0.411	4.36
43)	2,4,5-Trichlor...	0.388	0.432	0.440	0.465	0.457	0.457	0.450	0.441	5.89
44) S	2-Fluorobiphenyl	1.437	1.484	1.408	1.420	1.373	1.327	1.278	1.390	5.00
45)	1,1'-Biphenyl	1.732	1.750	1.781	1.771	1.634	1.597	1.523	1.684	5.91
46)	2-Chloronaphth...	1.408	1.419	1.396	1.394	1.328	1.312	1.260	1.360	4.42
47)	2-Nitroaniline	0.342	0.356	0.380	0.380	0.386	0.377	0.384	0.372	4.46
48)	Acenaphthylene	2.190	2.112	2.150	2.183	2.097	2.084	2.091	2.130	2.09
49)	Dimethylphthalate	1.608	1.611	1.625	1.693	1.632	1.651	1.674	1.642	1.96
50)	2,6-Dinitrotol...	0.325	0.301	0.341	0.351	0.343	0.340	0.344	0.335	5.01
51) C	Acenaphthene	1.344	1.282	1.317	1.301	1.247	1.214	1.200	1.272	4.24
52)	3-Nitroaniline	0.333	0.348	0.369	0.378	0.375	0.355	0.359	0.360	4.48
53) P	2,4-Dinitrophenol		0.089	0.141	0.167	0.173	0.187	0.182	0.156	23.52
54)	Dibenzofuran	1.896	1.777	1.789	1.777	1.735	1.705	1.642	1.760	4.49
55) P	4-Nitrophenol		0.194	0.184	0.237	0.217	0.227	0.236	0.216	10.27
56)	2,4-Dinitrotol...	0.380	0.412	0.439	0.455	0.447	0.440	0.441	0.430	6.05
57)	Fluorene	1.641	1.594	1.577	1.525	1.502	1.508	1.367	1.531	5.75
58)	2,3,4,6-Tetrac...	0.263	0.260	0.286	0.283	0.269	0.295	0.289	0.278	4.95
59)	Diethylphthalate	1.663	1.614	1.601	1.566	1.532	1.549	1.492	1.574	3.61
60)	4-Chlorophenyl...	0.669	0.688	0.697	0.694	0.671	0.675	0.615	0.673	4.13
61)	4-Nitroaniline	0.290	0.332	0.357	0.336	0.338	0.329	0.328	0.330	6.08
62)	Azobenzene	1.268	1.258	1.309	1.328	1.169	1.270	1.250	1.265	4.00
63) I	Phenanthrene-d10	-----ISTD-----								
64)	4,6-Dinitro-2-...		0.106	0.133	0.137	0.145	0.142	0.142	0.134	10.59
65) c	n-Nitrosodiphe...	0.765	0.732	0.737	0.720	0.725	0.697	0.704	0.726	3.10
66)	4-Bromophenyl-...	0.214	0.213	0.211	0.216	0.210	0.208	0.208	0.211	1.47
67)	Hexachlorobenzene	0.236	0.213	0.216	0.217	0.218	0.216	0.202	0.217	4.62
68)	Atrazine	0.209	0.210	0.213	0.195	0.208	0.204	0.195	0.205	3.57
69) C	Pentachlorophenol		0.063	0.078	0.080	0.097	0.098	0.098	0.085	16.85
70)	Phenanthrene	1.248	1.210	1.166	1.124	1.134	1.092	1.070	1.149	5.53
71)	Anthracene	1.269	1.226	1.194	1.158	1.158	1.122	1.090	1.174	5.22
72)	Carbazole	1.141	1.095	1.095	1.041	1.072	1.016	1.017	1.068	4.32
73)	Di-n-butylphth...	1.362	1.401	1.386	1.346	1.349	1.298	1.181	1.332	5.57
74) C	Fluoranthene	1.331	1.232	1.193	1.180	1.163	1.141	1.010	1.179	8.25
75) I	Chrysene-d12	-----ISTD-----								
76)	Benzidine		0.255	0.439	0.530	0.533	0.566		0.465	27.20
77)	Pyrene	1.521	1.442	1.501	1.515	1.505	1.514	1.473	1.496	1.89
78) S	Terphenyl-d14	0.999	0.947	0.922	0.903	0.884	0.861	0.840	0.908	5.96
79)	Butylbenzylphth...	0.676	0.673	0.695	0.711	0.706	0.714	0.694	0.696	2.34
80)	Benzo(a)anthra...	1.246	1.164	1.170	1.166	1.133	1.160	1.109	1.164	3.66
81)	3,3'-Dichlorob...	0.407	0.421	0.427	0.418	0.387	0.387	0.366	0.402	5.57
82)	Chrysene	1.154	1.143	1.136	1.138	1.136	1.098	1.074	1.125	2.55

Method Path : Z:\HPCHEM1\BNA_F\METHODS\
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83)	Bis(2-ethylhex...	0.964	1.008	0.982	1.020	1.010	0.984	0.971	0.991	2.18
84) c	Di-n-octyl pht...	1.619	1.675	1.677	1.674	1.629	1.555	1.547	1.625	3.42
85)	Indeno(1,2,3-c...	1.068	0.982	0.956	0.897	0.823	0.815	0.857	0.914	10.16
86) I	Perylene-d12	-----ISTD-----								
87)	Benzo(b)fluora...	1.302	1.162	1.136	1.340	1.254	1.194	1.263	1.236	6.04
88)	Benzo(k)fluora...	1.217	1.214	1.212	1.226	1.223	1.184	1.069	1.192	4.68
89) C	Benzo(a)pyrene	1.192	1.145	1.155	1.195	1.116	1.094	1.086	1.140	3.87
90)	Dibenzo(a,h)an...	1.041	1.005	0.950	0.959	0.860	0.849	0.929	0.942	7.47
91)	Benzo(g,h,i)pe...	1.063	0.949	0.911	0.917	0.864	0.819	0.948	0.924	8.32

(#) = Out of Range