

Method Path : Z:\HPCHEM1\BNA_G\METHODS\
 Method File : 8270-BG051315.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Wed May 13 16:12:13 2015
 Response Via : Initial Calibration

Calibration Files

2.5 =BG017101.D 10 =BG017102.D 25 =BG017103.D 40 =BG017104.D 50 =BG017105.D 60 =BG017106.D 80 =BG017107.D

	Compound	2.5	10	25	40	50	60	80	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----								
2)	1,4-Dioxane	0.546	0.441	0.439	0.409	0.405	0.428	0.445	11.66	
3)	Pyridine	1.372	1.351	1.400	1.319	1.286	1.346	1.346	2.96	
4)	n-Nitrosodimet...	1.126	0.987	1.065	0.954	0.986	1.011	1.021	6.18	
5) S	2-Fluorophenol	1.149	1.242	1.103	1.179	1.058	1.057	1.103	1.127	5.96
6)	Aniline	2.117	2.304	2.149	2.308	2.118	2.108	2.217	2.189	4.03
7) S	Phenol-d6	1.546	1.689	1.542	1.665	1.512	1.519	1.601	1.582	4.50
8)	2-Chlorophenol	1.381	1.430	1.301	1.408	1.268	1.288	1.364	1.349	4.69
9)	Benzaldehyde	1.257	1.377	1.086	1.063	0.925	0.866	0.714	1.041	21.93
10) C	Phenol	1.696	1.746	1.610	1.738	1.622	1.644	1.687	1.678	3.23
11)	bis(2-Chloroet...	1.151	1.412	1.240	1.340	1.183	1.189	1.290	1.258	7.52
12)	1,3-Dichlorobe...	1.720	1.653	1.438	1.515	1.396	1.380	1.440	1.506	8.76
13) C	1,4-Dichlorobe...	1.702	1.644	1.433	1.554	1.416	1.416	1.478	1.520	7.63
14)	1,2-Dichlorobe...	1.555	1.545	1.401	1.497	1.363	1.366	1.438	1.452	5.56
15)	Benzyl Alcohol	1.584	1.619	1.460	1.602	1.458	1.472	1.563	1.537	4.61
16)	2,2'-oxybis(1-...	2.160	2.164	2.001	2.080	1.904	1.933	2.035	2.040	5.02
17)	2-Methylphenol	1.225	1.277	1.209	1.232	1.139	1.201	1.231	1.216	3.46
18)	Hexachloroethane	0.736	0.675	0.593	0.651	0.584	0.591	0.616	0.635	8.78
19) P	n-Nitroso-di-n...	1.334	1.470	1.347	1.438	1.330	1.337	1.392	1.378	4.10
20)	3+4-Methylphenols	1.540	1.846	1.664	1.780	1.597	1.657	1.748	1.691	6.34
21) I	Naphthalene-d8	-----ISTD-----								
22)	Acetophenone	0.516	0.528	0.470	0.490	0.451	0.450	0.492	0.485	6.23
23) S	Nitrobenzene-d5	0.433	0.448	0.421	0.442	0.409	0.400	0.445	0.428	4.36
24)	Nitrobenzene	0.434	0.451	0.408	0.420	0.392	0.395	0.433	0.419	5.20
25)	Isophorone	0.794	0.838	0.768	0.817	0.749	0.752	0.809	0.790	4.34
26) C	2-Nitrophenol	0.175	0.197	0.187	0.192	0.180	0.184	0.197	0.187	4.53
27)	2,4-Dimethylph...	0.329	0.334	0.292	0.306	0.293	0.288	0.317	0.308	6.12
28)	bis(2-Chloroet...	0.432	0.397	0.358	0.392	0.357	0.362	0.394	0.384	7.10
29) C	2,4-Dichloroph...	0.273	0.299	0.290	0.301	0.282	0.286	0.305	0.291	3.89
30)	1,2,4-Trichlor...	0.383	0.340	0.314	0.337	0.307	0.300	0.330	0.330	8.41
31)	Naphthalene	1.032	1.039	0.962	1.002	0.911	0.914	0.991	0.979	5.30
32)	Benzoic acid	0.189	0.201	0.215	0.207	0.206	0.236	0.209		7.56
33)	4-Chloroaniline	0.480	0.473	0.450	0.484	0.442	0.440	0.471	0.463	3.97
34) C	Hexachlorobuta...	0.214	0.224	0.205	0.214	0.197	0.197	0.212	0.209	4.73
35)	Caprolactam	0.164	0.140	0.143	0.138	0.141	0.151	0.146		6.56
36) C	4-Chloro-3-met...	0.360	0.382	0.360	0.380	0.355	0.352	0.385	0.368	3.79
37)	2-Methylnaphth...	0.855	0.827	0.750	0.766	0.733	0.725	0.778	0.776	6.23

Method Path : Z:\HPCHEM1\BNA_G\METHODS\
 Method File : 8270-BG051315.M

38) I	Acenaphthene-d10	-----ISTD-----								
39)	1,2,4,5-Tetrac...	0.582	0.578	0.541	0.584	0.530	0.543	0.602	0.566	4.79
40) P	Hexachlorocycl...		0.317	0.322	0.356	0.338	0.352	0.388	0.345	7.52
41) S	2,4,6-Tribromo...	0.260	0.238	0.232	0.248	0.225	0.234	0.256	0.242	5.44
42) C	2,4,6-Trichlor...	0.412	0.386	0.391	0.424	0.381	0.398	0.418	0.401	4.18
43)	2,4,5-Trichlor...	0.377	0.431	0.410	0.426	0.401	0.409	0.441	0.414	5.20
44) S	2-Fluorobiphenyl	1.467	1.426	1.329	1.399	1.277	1.283	1.361	1.363	5.29
45)	1,1'-Biphenyl	1.522	1.504	1.400	1.481	1.354	1.368	1.454	1.441	4.65
46)	2-Chloronaphth...	1.205	1.158	1.106	1.168	1.084	1.088	1.176	1.141	4.18
47)	2-Nitroaniline	0.458	0.444	0.440	0.451	0.422	0.427	0.465	0.444	3.49
48)	Acenaphthylene	2.090	2.020	1.888	2.029	1.849	1.827	1.972	1.953	5.14
49)	Dimethylphthalate	1.711	1.630	1.517	1.600	1.445	1.471	1.572	1.564	5.98
50)	2,6-Dinitrotol...	0.333	0.359	0.343	0.366	0.330	0.332	0.364	0.347	4.59
51) C	Acenaphthene	1.224	1.193	1.116	1.176	1.085	1.095	1.188	1.154	4.71
52)	3-Nitroaniline	0.414	0.382	0.366	0.397	0.363	0.371	0.397	0.384	4.99
53) P	2,4-Dinitrophenol		0.172	0.181	0.219	0.196	0.206	0.233	0.201	11.43
54)	Dibenzofuran	1.905	1.765	1.678	1.751	1.599	1.601	1.708	1.715	6.20
55) P	4-Nitrophenol		0.321	0.292	0.313	0.303	0.302	0.326	0.310	4.18
56)	2,4-Dinitrotol...	0.462	0.505	0.479	0.498	0.462	0.463	0.514	0.483	4.63
57)	Fluorene	1.594	1.558	1.482	1.579	1.423	1.441	1.552	1.518	4.52
58)	2,3,4,6-Tetrac...		0.386	0.372	0.398	0.369	0.356	0.396	0.380	4.40
59)	Diethylphthalate	1.930	1.738	1.622	1.691	1.554	1.557	1.667	1.680	7.71
60)	4-Chlorophenyl...	0.801	0.815	0.755	0.810	0.727	0.735	0.815	0.780	5.04
61)	4-Nitroaniline	0.436	0.434	0.428	0.447	0.400	0.409	0.449	0.429	4.25
62)	Azobenzene	1.748	1.675	1.583	1.643	1.496	1.488	1.601	1.605	5.86
63) I	Phenanthrene-d10	-----ISTD-----								
64)	4,6-Dinitro-2-...		0.123	0.130	0.145	0.137	0.136	0.151	0.137	7.52
65) c	n-Nitrosodiphe...	0.627	0.657	0.606	0.630	0.576	0.564	0.638	0.614	5.50
66)	4-Bromophenyl-...	0.226	0.227	0.217	0.222	0.202	0.204	0.228	0.218	5.12
67)	Hexachlorobenzene	0.233	0.249	0.217	0.235	0.213	0.221	0.243	0.230	5.78
68)	Atrazine	0.236	0.245	0.228	0.236	0.215	0.214	0.200	0.225	7.01
69) C	Pentachlorophenol		0.145	0.132	0.151	0.138	0.140	0.157	0.144	6.35
70)	Phenanthrene	1.057	1.117	1.000	1.071	0.955	0.975	1.045	1.031	5.55
71)	Anthracene	1.076	1.132	1.030	1.071	0.972	0.974	1.060	1.045	5.54
72)	Carbazole	0.991	1.045	0.947	0.986	0.892	0.898	0.963	0.960	5.61
73)	Di-n-butylphth...	1.349	1.400	1.265	1.312	1.204	1.194	1.271	1.285	5.81
74) C	Fluoranthene	1.338	1.370	1.210	1.269	1.136	1.138	1.208	1.239	7.41
75) I	Chrysene-d12	-----ISTD-----								
76)	Benzidine	0.729	0.770	0.703	0.685	0.608	0.558	0.517	0.653	14.31
77)	Pyrene	1.258	1.325	1.234	1.263	1.177	1.127	1.206	1.227	5.24
78) S	Terphenyl-d14	1.049	1.053	0.977	0.984	0.905	0.859	0.890	0.960	8.03
79)	Butylbenzylphth...	0.576	0.591	0.542	0.574	0.537	0.512	0.574	0.558	5.06
80)	Benzo(a)anthra...	1.227	1.221	1.129	1.185	1.085	1.044	1.132	1.146	6.01
81)	3,3'-Dichlorob...	0.469	0.473	0.439	0.454	0.423	0.410	0.437	0.444	5.23
82)	Chrysene	1.125	1.141	1.054	1.096	1.009	0.975	1.073	1.068	5.62

Method Path : Z:\HPCHEM1\BNA_G\METHODS\
Method File : 8270-BG051315.M

83)	Bis(2-ethylhex...	0.810	0.823	0.770	0.831	0.773	0.738	0.805	0.793	4.20
84) c	Di-n-octyl pht...	1.438	1.382	1.304	1.355	1.255	1.205	1.302	1.320	5.95
85)	Indeno(1,2,3-c...	1.250	1.330	1.240	1.324	1.226	1.206	1.366	1.277	4.81
86) I	Perylene-d12	-----ISTD-----								
87)	Benzo(b)fluora...	1.239	1.200	1.109	1.164	1.117	1.125	1.207	1.166	4.36
88)	Benzo(k)fluora...	1.151	1.198	1.050	1.140	1.064	1.042	1.103	1.107	5.31
89) C	Benzo(a)pyrene	1.112	1.116	1.015	1.081	1.031	1.035	1.103	1.071	3.98
90)	Dibenzo(a,h)an...	1.137	1.125	1.028	1.104	1.065	1.067	1.167	1.099	4.41
91)	Benzo(g,h,i)pe...	1.063	1.073	0.997	1.046	0.989	0.988	1.086	1.035	4.06

(#) = Out of Range