

Method Path : Z:\HPCHEM1\BNA_G\METHODS\
 Method File : 8270-BG060315.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Thu Jun 04 01:31:15 2015
 Response Via : Initial Calibration

Calibration Files

2.5 =BG017410.D 10 =BG017409.D 25 =BG017408.D 40 =BG017407.D 50 =BG017406.D 60 =BG017405.D 80 =BG017404.D

	Compound	2.5	10	25	40	50	60	80	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----								
2)	1,4-Dioxane	0.601	0.564	0.452	0.488	0.460	0.471	0.540	0.511	11.28
3)	Pyridine	1.340	1.336	1.263	1.422	1.313	1.377	1.502	1.365	5.72
4)	n-Nitrosodimet...	0.746	0.918	0.851	0.940	0.862	0.943	1.001	0.895	9.28
5) S	2-Fluorophenol	1.094	1.093	1.075	1.148	1.130	1.153	1.253	1.135	5.25
6)	Aniline	2.051	2.095	1.978	2.092	1.971	2.099	2.248	2.076	4.48
7) S	Phenol-d6	1.461	1.466	1.490	1.590	1.514	1.601	1.704	1.547	5.77
8)	2-Chlorophenol	1.391	1.281	1.284	1.339	1.309	1.359	1.434	1.342	4.23
9)	Benzaldehyde	1.013	0.993	1.049	1.104	1.029	1.053	1.107	1.050	4.14
10) C	Phenol	1.373	1.515	1.559	1.661	1.574	1.646	1.792	1.589	8.25
11)	bis(2-Chloroet...	1.045	1.198	1.184	1.237	1.207	1.264	1.336	1.210	7.36
12)	1,3-Dichlorobe...	1.516	1.447	1.402	1.493	1.503	1.518	1.625	1.501	4.61
13) C	1,4-Dichlorobe...	1.545	1.561	1.550	1.570	1.527	1.563	1.691	1.573	3.43
14)	1,2-Dichlorobe...	1.551	1.405	1.391	1.477	1.429	1.479	1.572	1.472	4.75
15)	Benzyl Alcohol	1.161	1.421	1.452	1.512	1.395	1.536	1.603	1.440	9.88
16)	2,2'-oxybis(1-...	2.103	2.011	1.951	2.072	1.935	2.049	2.160	2.040	3.97
17)	2-Methylphenol	1.068	1.141	1.190	1.234	1.210	1.264	1.331	1.205	7.04
18)	Hexachloroethane	0.510	0.698	0.592	0.643	0.632	0.636	0.682	0.627	9.96
19) P	n-Nitroso-di-n...	1.293	1.292	1.279	1.328	1.233	1.332	1.403	1.308	4.07
20)	3+4-Methylphenols	1.595	1.629	1.602	1.729	1.597	1.710	1.812	1.668	5.04
21) I	Naphthalene-d8	-----ISTD-----								
22)	Acetophenone	0.444	0.518	0.492	0.502	0.484	0.490	0.502	0.490	4.77
23) S	Nitrobenzene-d5	0.362	0.405	0.409	0.416	0.402	0.398	0.412	0.401	4.48
24)	Nitrobenzene	0.399	0.391	0.431	0.426	0.414	0.414	0.437	0.416	4.06
25)	Isophorone	0.853	0.864	0.853	0.842	0.800	0.823	0.832	0.838	2.61
26) C	2-Nitrophenol	0.148	0.197	0.192	0.202	0.196	0.203	0.212	0.193	10.71
27)	2,4-Dimethylph...	0.295	0.317	0.316	0.321	0.308	0.316	0.323	0.314	3.08
28)	bis(2-Chloroet...	0.334	0.384	0.396	0.401	0.381	0.387	0.397	0.383	5.98
29) C	2,4-Dichloroph...	0.270	0.290	0.315	0.319	0.307	0.314	0.324	0.306	6.28
30)	1,2,4-Trichlor...	0.346	0.372	0.350	0.361	0.360	0.354	0.372	0.359	2.83
31)	Naphthalene	1.040	1.040	1.052	1.063	1.015	1.045	1.060	1.045	1.53
32)	Benzoic acid	0.156	0.183	0.209	0.199	0.216	0.227	0.198		12.80
33)	4-Chloroaniline	0.446	0.447	0.482	0.477	0.452	0.466	0.475	0.464	3.22
34) C	Hexachlorobuta...	0.190	0.244	0.244	0.238	0.244	0.237	0.242	0.234	8.45
35)	Caprolactam	0.130	0.191	0.181	0.182	0.161	0.163	0.169	0.168	11.98
36) C	4-Chloro-3-met...	0.401	0.391	0.405	0.417	0.384	0.384	0.403	0.398	3.08
37)	2-Methylnaphth...	0.754	0.820	0.824	0.827	0.782	0.797	0.819	0.803	3.37

Method Path : Z:\HPCHEM1\BNA_G\METHODS\
 Method File : 8270-BG060315.M

38) I	Acenaphthene-d10	-----ISTD-----								
39)	1,2,4,5-Tetrac...	0.613	0.610	0.588	0.599	0.607	0.608	0.635	0.609	2.35
40) P	Hexachlorocycl...		0.193	0.268	0.323	0.321	0.354	0.364	0.304	20.96
41) S	2,4,6-Tribromo...	0.274	0.264	0.271	0.286	0.274	0.282	0.293	0.278	3.53
42) C	2,4,6-Trichlor...	0.389	0.424	0.440	0.466	0.436	0.439	0.457	0.436	5.77
43)	2,4,5-Trichlor...	0.477	0.466	0.496	0.480	0.463	0.469	0.491	0.477	2.65
44) S	2-Fluorobiphenyl	1.301	1.319	1.357	1.342	1.297	1.322	1.344	1.326	1.72
45)	1,1'-Biphenyl	1.438	1.409	1.501	1.498	1.444	1.452	1.490	1.462	2.41
46)	2-Chloronaphth...	1.163	1.197	1.228	1.285	1.214	1.217	1.252	1.222	3.18
47)	2-Nitroaniline	0.432	0.456	0.452	0.472	0.448	0.440	0.459	0.451	2.89
48)	Acenaphthylene	2.059	2.161	2.177	2.217	2.123	2.130	2.205	2.153	2.51
49)	Dimethylphthalate	1.804	1.779	1.811	1.798	1.630	1.660	1.705	1.741	4.30
50)	2,6-Dinitrotol...	0.407	0.392	0.386	0.399	0.379	0.375	0.400	0.391	2.97
51) C	Acenaphthene	1.267	1.284	1.295	1.276	1.236	1.235	1.291	1.269	1.95
52)	3-Nitroaniline	0.448	0.428	0.427	0.435	0.397	0.407	0.423	0.424	4.07
53) P	2,4-Dinitrophenol		0.111	0.194	0.218	0.221	0.238	0.250	0.205	24.36
54)	Dibenzofuran	1.793	1.868	1.927	1.937	1.837	1.853	1.894	1.873	2.73
55) P	4-Nitrophenol	0.144	0.298	0.352	0.348	0.331	0.324	0.342	0.306	24.00
56)	2,4-Dinitrotol...	0.480	0.547	0.576	0.597	0.558	0.560	0.582	0.557	6.84
57)	Fluorene	1.726	1.651	1.743	1.747	1.627	1.660	1.732	1.698	2.96
58)	2,3,4,6-Tetrac...	0.382	0.425	0.430	0.468	0.435	0.441	0.467	0.435	6.72
59)	Diethylphthalate	1.918	1.972	1.960	1.939	1.799	1.803	1.837	1.890	3.97
60)	4-Chlorophenyl...	0.820	0.876	0.869	0.877	0.847	0.844	0.889	0.860	2.79
61)	4-Nitroaniline	0.350	0.491	0.508	0.507	0.482	0.438	0.489	0.466	12.05
62)	Azobenzene	1.825	1.798	1.867	1.860	1.734	1.714	1.774	1.796	3.31
63) I	Phenanthrene-d10	-----ISTD-----								
64)	4,6-Dinitro-2-...		0.129	0.142	0.150	0.154	0.151	0.164	0.148	8.03
65) c	n-Nitrosodiphe...	0.571	0.585	0.599	0.608	0.593	0.604	0.615	0.597	2.54
66)	4-Bromophenyl-...	0.218	0.219	0.224	0.218	0.217	0.223	0.231	0.221	2.21
67)	Hexachlorobenzene	0.225	0.236	0.238	0.236	0.242	0.238	0.251	0.238	3.21
68)	Atrazine	0.232	0.270	0.267	0.271	0.270	0.258	0.270	0.263	5.38
69) C	Pentachlorophenol		0.094	0.119	0.133	0.137	0.137	0.150	0.128	15.25
70)	Phenanthrene	1.142	1.116	1.114	1.105	1.099	1.099	1.130	1.115	1.45
71)	Anthracene	1.109	1.115	1.113	1.101	1.118	1.103	1.139	1.114	1.13
72)	Carbazole	1.064	1.140	1.109	1.093	1.108	1.072	1.113	1.100	2.36
73)	Di-n-butylphth...	1.337	1.467	1.425	1.419	1.436	1.375	1.402	1.409	3.01
74) C	Fluoranthene	1.449	1.527	1.466	1.444	1.458	1.407	1.457	1.458	2.45
75) I	Chrysene-d12	-----ISTD-----								
76)	Benzidine	0.532	0.664	0.711	0.741	0.714	0.732	0.718	0.687	10.57
77)	Pyrene	1.206	1.223	1.263	1.258	1.192	1.248	1.235	1.232	2.17
78) S	Terphenyl-d14	0.920	0.977	0.984	0.983	0.962	0.981	0.967	0.968	2.33
79)	Butylbenzylphth...	0.479	0.535	0.541	0.552	0.529	0.545	0.551	0.533	4.73
80)	Benzo(a)anthra...	1.202	1.235	1.239	1.254	1.218	1.226	1.236	1.230	1.35
81)	3,3'-Dichlorob...	0.413	0.437	0.461	0.476	0.461	0.476	0.491	0.460	5.75
82)	Chrysene	1.074	1.105	1.129	1.135	1.088	1.140	1.126	1.114	2.28

Method Path : Z:\HPCHEM1\BNA_G\METHODS\

Method File : 8270-BG060315.M

83)	Bis(2-ethylhex...	0.721	0.748	0.769	0.789	0.765	0.787	0.804	0.769	3.64
84) c	Di-n-octyl pht...	1.287	1.262	1.297	1.301	1.274	1.308	1.296	1.289	1.25
85)	Indeno(1,2,3-c...	1.312	1.374	1.398	1.431	1.386	1.432	1.457	1.399	3.43
86) I	Perylene-d12	-----ISTD-----								
87)	Benzo(b)fluora...	1.242	1.218	1.283	1.312	1.280	1.271	1.266	1.267	2.38
88)	Benzo(k)fluora...	1.207	1.205	1.212	1.192	1.174	1.232	1.267	1.213	2.47
89) C	Benzo(a)pyrene	1.122	1.138	1.152	1.181	1.167	1.173	1.204	1.162	2.37
90)	Dibenzo(a,h)an...	1.155	1.147	1.206	1.231	1.204	1.243	1.268	1.208	3.68
91)	Benzo(g,h,i)pe...	1.140	1.137	1.139	1.152	1.143	1.155	1.181	1.150	1.34

(#) = Out of Range