

Method Path : Z:\HPCHEM1\BNA_G\METHODS\
 Method File : 8270-BG022916.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Mon Feb 29 17:40:25 2016
 Response Via : Initial Calibration

Calibration Files

2.5 =BG021152.D 10 =BG021153.D 25 =BG021154.D 40 =BG021155.D 50 =BG021156.D 60 =BG021157.D 80 =BG021158.D

	Compound	2.5	10	25	40	50	60	80	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----								
2)	1,4-Dioxane	0.642	0.558	0.531	0.532	0.569	0.559	0.565	7.24	
3)	Pyridine	1.425	1.709	1.871	1.897	1.844	1.908	1.847	1.786	9.64
4)	n-Nitrosodimet...	0.827	0.904	0.947	0.915	0.916	0.890	0.900	4.48	
5) S	2-Fluorophenol	1.157	1.257	1.303	1.268	1.267	1.310	1.246	1.258	4.01
6)	Aniline	2.566	2.687	2.801	2.806	2.688	2.926	2.721	2.742	4.17
7) S	Phenol-d6	1.782	2.001	2.181	2.143	2.013	2.245	2.116	2.069	7.42
8)	2-Chlorophenol	1.399	1.529	1.593	1.581	1.516	1.647	1.532	1.542	5.06
9)	Benzaldehyde	1.423	1.476	1.447	1.222	1.090	1.096	1.292	13.80	
10) C	Phenol	2.021	2.155	2.295	2.235	2.141	2.367	2.222	2.205	5.10
11)	bis(2-Chloroet...	1.603	1.641	1.730	1.782	1.704	1.753	1.686	1.700	3.69
12)	1,3-Dichlorobe...	1.529	1.626	1.620	1.605	1.540	1.624	1.526	1.581	2.99
13) C	1,4-Dichlorobe...	1.653	1.596	1.673	1.635	1.577	1.696	1.568	1.628	3.02
14)	1,2-Dichlorobe...	1.474	1.500	1.609	1.605	1.513	1.624	1.544	1.553	3.86
15)	Benzyl Alcohol	1.578	1.848	2.025	1.975	1.848	2.024	1.926	1.889	8.24
16)	2,2'-oxybis(1-...	2.875	2.859	3.067	2.959	2.826	3.088	2.865	2.934	3.61
17)	2-Methylphenol	1.291	1.571	1.631	1.560	1.472	1.625	1.531	1.526	7.67
18)	Hexachloroethane	0.644	0.690	0.704	0.691	0.655	0.722	0.667	0.682	4.07
19) P	n-Nitroso-di-n...	1.688	1.914	2.049	1.946	1.803	2.061	1.918	1.911	6.89
20)	3+4-Methylphenols	1.890	2.224	2.259	2.195	2.039	2.350	2.170	2.161	7.04
21) I	Naphthalene-d8	-----ISTD-----								
22)	Acetophenone	0.617	0.589	0.596	0.606	0.600	0.580	0.579	0.595	2.31
23) S	Nitrobenzene-d5	0.446	0.476	0.476	0.488	0.481	0.473	0.469	0.473	2.78
24)	Nitrobenzene	0.529	0.502	0.510	0.524	0.525	0.513	0.509	0.516	1.94
25)	Isophorone	1.035	1.030	1.038	1.040	1.019	1.009	1.000	1.024	1.51
26) C	2-Nitrophenol	0.163	0.190	0.192	0.192	0.194	0.193	0.191	0.188	5.91
27)	2,4-Dimethylph...	0.292	0.370	0.343	0.343	0.335	0.343	0.333	0.337	6.94
28)	bis(2-Chloroet...	0.499	0.486	0.477	0.474	0.473	0.460	0.460	0.476	2.92
29) C	2,4-Dichloroph...	0.311	0.316	0.301	0.305	0.299	0.298	0.295	0.304	2.45
30)	1,2,4-Trichlor...	0.308	0.317	0.298	0.310	0.304	0.305	0.302	0.306	2.03
31)	Naphthalene	1.069	1.068	1.056	1.042	1.016	1.021	1.027	1.043	2.13
32)	Benzoic acid	0.169	0.238	0.279	0.274	0.308	0.300	0.261	19.61	
33)	4-Chloroaniline	0.467	0.489	0.484	0.487	0.480	0.479	0.479	0.481	1.51
34) C	Hexachlorobuta...	0.177	0.188	0.189	0.190	0.189	0.187	0.186	0.186	2.41
35)	Caprolactam	0.142	0.163	0.151	0.150	0.149	0.142	0.140	0.148	5.37
36) C	4-Chloro-3-met...	0.433	0.503	0.468	0.459	0.459	0.456	0.445	0.461	4.77
37)	2-Methylnaphth...	0.786	0.749	0.753	0.741	0.714	0.729	0.724	0.742	3.21

Method Path : Z:\HPCHEM1\BNA_G\METHODS\
 Method File : 8270-BG022916.M

38) I	Acenaphthene-d10	-----ISTD-----								
39)	1,2,4,5-Tetrac...	0.573	0.557	0.603	0.624	0.607	0.620	0.620	0.601	4.30
40) P	Hexachlorocycl...		0.249	0.310	0.357	0.342	0.351	0.367	0.329	13.29
41) S	2,4,6-Tribromo...	0.189	0.214	0.206	0.213	0.210	0.213	0.212	0.208	4.30
42) C	2,4,6-Trichlor...	0.457	0.436	0.451	0.455	0.459	0.459	0.441	0.451	1.97
43)	2,4,5-Trichlor...	0.478	0.502	0.482	0.489	0.468	0.485	0.472	0.482	2.39
44) S	2-Fluorobiphenyl	1.356	1.370	1.426	1.443	1.410	1.437	1.417	1.408	2.35
45)	1,1'-Biphenyl	1.613	1.602	1.647	1.678	1.650	1.671	1.655	1.645	1.71
46)	2-Chloronaphth...	1.181	1.201	1.241	1.273	1.241	1.257	1.249	1.235	2.61
47)	2-Nitroaniline	0.571	0.627	0.609	0.615	0.601	0.604	0.585	0.602	3.10
48)	Acenaphthylene	2.043	2.097	2.091	2.143	2.077	2.114	2.067	2.090	1.56
49)	Dimethylphthalate	1.805	1.854	1.795	1.796	1.742	1.768	1.716	1.782	2.52
50)	2,6-Dinitrotol...	0.341	0.374	0.380	0.380	0.374	0.379	0.382	0.373	3.83
51) C	Acenaphthene	1.263	1.265	1.336	1.394	1.363	1.392	1.276	1.327	4.41
52)	3-Nitroaniline	0.392	0.438	0.413	0.421	0.417	0.414	0.401	0.414	3.52
53) P	2,4-Dinitrophenol		0.075	0.141	0.205	0.193	0.209	0.217	0.173	31.79
54)	Dibenzofuran	1.761	1.812	1.782	1.783	1.752	1.783	1.731	1.772	1.50
55) P	4-Nitrophenol	0.309	0.353	0.346	0.356	0.357	0.342	0.339	0.343	4.81
56)	2,4-Dinitrotol...	0.504	0.543	0.542	0.552	0.545	0.536	0.537	0.537	2.87
57)	Fluorene	1.720	1.691	1.664	1.726	1.661	1.688	1.671	1.689	1.54
58)	2,3,4,6-Tetrac...	0.357	0.416	0.404	0.390	0.384	0.380	0.371	0.386	5.10
59)	Diethylphthalate	2.060	2.096	1.978	1.962	1.911	1.922	1.861	1.970	4.23
60)	4-Chlorophenyl...	0.826	0.842	0.832	0.857	0.840	0.858	0.847	0.843	1.41
61)	4-Nitroaniline	0.401	0.459	0.442	0.454	0.454	0.450	0.433	0.442	4.57
62)	Azobenzene	2.161	2.201	2.149	2.138	2.064	2.088	2.012	2.116	3.07
63) I	Phenanthrene-d10	-----ISTD-----								
64)	4,6-Dinitro-2-...		0.086	0.116	0.140	0.141	0.139	0.145	0.128	18.06
65) c	n-Nitrosodiphe...	0.590	0.607	0.616	0.636	0.610	0.625	0.622	0.615	2.41
66)	4-Bromophenyl-...	0.201	0.202	0.204	0.217	0.213	0.211	0.216	0.209	3.25
67)	Hexachlorobenzene	0.196	0.198	0.198	0.209	0.204	0.203	0.211	0.203	2.89
68)	Atrazine	0.232	0.232	0.215	0.215	0.212	0.199	0.170	0.211	10.12
69) C	Pentachlorophenol		0.104	0.132	0.143	0.139	0.139	0.139	0.133	10.95
70)	Phenanthrene	1.092	1.064	1.075	1.101	1.077	1.073	1.073	1.079	1.18
71)	Anthracene	1.099	1.106	1.099	1.125	1.107	1.100	1.096	1.104	0.88
72)	Carbazole	0.974	1.005	0.963	0.997	1.000	0.949	0.967	0.979	2.20
73)	Di-n-butylphth...	1.337	1.407	1.362	1.422	1.397	1.355	1.360	1.377	2.28
74) C	Fluoranthene	1.273	1.303	1.235	1.298	1.288	1.232	1.247	1.268	2.37
75) I	Chrysene-d12	-----ISTD-----								
76)	Benzidine	0.531	0.591	0.598	0.578	0.557	0.563	0.501	0.560	6.12
77)	Pyrene	1.179	1.199	1.195	1.204	1.198	1.191	1.186	1.193	0.72
78) S	Terphenyl-d14	0.783	0.804	0.833	0.848	0.836	0.832	0.842	0.826	2.81
79)	Butylbenzylphth...	0.593	0.598	0.608	0.627	0.618	0.605	0.613	0.609	1.90
80)	Benzo(a)anthra...	1.193	1.188	1.190	1.208	1.180	1.163	1.168	1.184	1.28
81)	3,3'-Dichlorob...	0.460	0.439	0.454	0.461	0.448	0.440	0.435	0.448	2.36
82)	Chrysene	1.127	1.128	1.123	1.143	1.128	1.101	1.106	1.122	1.29

Method Path : Z:\HPCHEM1\BNA_G\METHODS\ Method File : 8270-BG022916.M										
83)	Bis(2-ethylhex...	0.844	0.877	0.912	0.913	0.905	0.896	0.900	0.892	2.75
84) c	Di-n-octyl pht...	1.421	1.473	1.498	1.530	1.503	1.498	1.482	1.486	2.28
85)	Indeno(1,2,3-c...	1.549	1.241	1.243	1.262	1.248	1.225	1.238	1.287	9.04
86) I	Perylene-d12	-----ISTD-----								
87)	Benzo(b)fluora...	1.252	1.225	1.273	1.286	1.260	1.259	1.250	1.258	1.52
88)	Benzo(k)fluora...	1.338	1.223	1.227	1.274	1.252	1.256	1.250	1.260	3.05
89) C	Benzo(a)pyrene	1.263	1.168	1.211	1.231	1.210	1.214	1.217	1.216	2.32
90)	Dibenzo(a,h)an...	1.404	1.162	1.155	1.194	1.166	1.170	1.172	1.203	7.42
91)	Benzo(g,h,i)pe...	1.410	1.120	1.110	1.137	1.122	1.122	1.115	1.162	9.43

(#) = Out of Range