

Method Path : Z:\HPCHEM1\BNA_G\METHODS\
 Method File : 8270-BG083116.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Wed Aug 31 20:05:47 2016
 Response Via : Initial Calibration

Calibration Files

2.5 =BG023924.D 10 =BG023925.D 25 =BG023931.D 40 =BG023927.D 50 =BG023928.D 60 =BG023929.D 80 =BG023930.D

	Compound	2.5	10	25	40	50	60	80	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----								
2)	1,4-Dioxane	0.584	0.460	0.418	0.514	0.413	0.418	0.482	0.470	13.45
3)	Pyridine	1.231	1.389	1.563	1.350	1.398	1.541	1.412		8.77
4)	n-Nitrosodimet...	0.704	0.611	0.788	0.744	0.718	0.767	0.879	0.744	11.09
5) S	2-Fluorophenol	1.068	0.985	1.206	1.226	1.115	1.122	1.252	1.139	8.37
6)	Aniline	2.278	2.210	2.356	2.407	2.289	2.255	2.499	2.328	4.27
7) S	Phenol-d6	1.522	1.677	1.804	1.854	1.754	1.745	1.920	1.754	7.37
8)	2-Chlorophenol	1.262	1.266	1.331	1.381	1.300	1.281	1.418	1.320	4.54
9)	Benzaldehyde	1.277	1.202	1.322	1.322	1.168	1.183	1.248	1.246	5.12
10) C	Phenol	1.693	1.825	1.821	1.981	1.798	1.812	1.983	1.845	5.64
11)	bis(2-Chloroet...	1.721	1.583	1.410	1.405	1.342	1.302	1.397	1.451	10.19
12)	1,3-Dichlorobe...	1.650	1.537	1.605	1.545	1.448	1.428	1.598	1.545	5.33
13) C	1,4-Dichlorobe...	1.872	1.644	1.638	1.587	1.513	1.541	1.660	1.636	7.18
14)	1,2-Dichlorobe...	1.718	1.484	1.536	1.528	1.451	1.434	1.600	1.536	6.38
15)	Benzyl Alcohol	1.197	1.272	1.638	1.669	1.598	1.627	1.821	1.546	14.57
16)	2,2'-oxybis(1-...	2.349	2.080	1.923	1.891	1.753	1.732	1.890	1.945	10.91
17)	2-Methylphenol	1.233	1.147	1.248	1.302	1.202	1.219	1.348	1.243	5.30
18)	Hexachloroethane	0.729	0.582	0.648	0.638	0.589	0.578	0.646	0.630	8.49
19) P	n-Nitroso-di-n...	1.575	1.571	1.602	1.562	1.484	1.422	1.629	1.549	4.63
20)	3+4-Methylphenols	1.370	1.667	1.782	1.882	1.748	1.750	1.924	1.732	10.48
21) I	Naphthalene-d8	-----ISTD-----								
22)	Acetophenone	0.482	0.534	0.512	0.516	0.526	0.532	0.521	0.518	3.37
23) S	Nitrobenzene-d5	0.409	0.447	0.460	0.437	0.460	0.463	0.460	0.448	4.40
24)	Nitrobenzene	0.442	0.500	0.476	0.466	0.497	0.497	0.494	0.482	4.55
25)	Isophorone	0.862	0.849	0.855	0.855	0.883	0.892	0.885	0.869	2.02
26) C	2-Nitrophenol	0.156	0.176	0.187	0.180	0.195	0.191	0.197	0.183	7.74
27)	2,4-Dimethylph...	0.221	0.324	0.325	0.330	0.328	0.327	0.324	0.311	12.86
28)	bis(2-Chloroet...	0.435	0.485	0.435	0.425	0.429	0.431	0.431	0.439	4.71
29) C	2,4-Dichloroph...	0.279	0.307	0.326	0.336	0.353	0.355	0.351	0.330	8.58
30)	1,2,4-Trichlor...	0.354	0.352	0.365	0.348	0.372	0.374	0.367	0.362	2.88
31)	Naphthalene	1.095	1.088	1.007	0.981	1.012	1.024	1.007	1.031	4.24
32)	Benzoic acid	0.189	0.230	0.255	0.276	0.280	0.288	0.253		14.92
33)	4-Chloroaniline	0.375	0.417	0.433	0.438	0.450	0.455	0.444	0.430	6.35
34) C	Hexachlorobuta...	0.231	0.263	0.281	0.274	0.288	0.283	0.282	0.272	7.27
35)	Caprolactam	0.092	0.117	0.120	0.120	0.114	0.129	0.121	0.116	9.88
36) C	4-Chloro-3-met...	0.377	0.431	0.446	0.447	0.459	0.461	0.463	0.441	6.86
37)	2-Methylnaphth...	0.763	0.788	0.784	0.788	0.795	0.796	0.773	0.784	1.54

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38) I	Acenaphthene-d10	-----ISTD-----								
39)	1,2,4,5-Tetrac...	0.578	0.628	0.674	0.675	0.695	0.695	0.701	0.664	6.80
40) P	Hexachlorocycl...		0.192	0.312	0.331	0.378	0.392	0.404	0.335	23.41
41) S	2,4,6-Tribromo...	0.305	0.296	0.369	0.380	0.394	0.384	0.395	0.360	11.56
42) C	2,4,6-Trichlor...	0.349	0.440	0.449	0.456	0.470	0.466	0.470	0.443	9.65
43)	2,4,5-Trichlor...	0.374	0.419	0.453	0.472	0.477	0.466	0.474	0.448	8.53
44) S	2-Fluorobiphenyl	1.453	1.414	1.430	1.378	1.383	1.354	1.354	1.395	2.74
45)	1,1'-Biphenyl	1.633	1.690	1.579	1.605	1.596	1.575	1.583	1.609	2.54
46)	2-Chloronaphth...	1.195	1.256	1.177	1.162	1.169	1.156	1.151	1.181	3.07
47)	2-Nitroaniline	0.319	0.489	0.494	0.461	0.490	0.499	0.505	0.465	14.20
48)	Acenaphthylene	1.958	2.052	1.991	1.976	1.945	1.928	1.931	1.969	2.21
49)	Dimethylphthalate	1.776	1.780	1.701	1.702	1.698	1.680	1.667	1.715	2.62
50)	2,6-Dinitrotol...	0.371	0.357	0.345	0.364	0.374	0.361	0.362	0.362	2.61
51) C	Acenaphthene	1.264	1.277	1.170	1.197	1.214	1.195	1.202	1.217	3.21
52)	3-Nitroaniline	0.238	0.335	0.347	0.359	0.361	0.364	0.365	0.339	13.44
53) P	2,4-Dinitrophenol		0.141	0.210	0.241	0.238	0.254	0.271	0.226	20.47
54)	Dibenzofuran	1.987	1.981	1.856	1.899	1.894	1.850	1.829	1.900	3.32
55) P	4-Nitrophenol		0.219	0.251	0.261	0.288	0.301	0.297	0.269	11.72
56)	2,4-Dinitrotol...	0.443	0.553	0.527	0.539	0.549	0.554	0.560	0.532	7.69
57)	Fluorene	1.770	1.685	1.632	1.628	1.615	1.599	1.601	1.647	3.72
58)	2,3,4,6-Tetrac...	0.379	0.435	0.456	0.464	0.495	0.480	0.473	0.455	8.42
59)	Diethylphthalate	1.864	1.950	1.811	1.833	1.803	1.802	1.753	1.831	3.41
60)	4-Chlorophenyl...	0.842	0.854	0.899	0.909	0.896	0.894	0.911	0.887	3.06
61)	4-Nitroaniline	0.263	0.349	0.356	0.349	0.347	0.363	0.369	0.342	10.55
62)	Azobenzene	1.816	1.902	1.762	1.752	1.737	1.727	1.714	1.773	3.71
63) I	Phenanthrene-d10	-----ISTD-----								
64)	4,6-Dinitro-2-...		0.118	0.138	0.141	0.141	0.145	0.150	0.139	7.80
65) c	n-Nitrosodiphe...	0.563	0.614	0.560	0.570	0.557	0.556	0.556	0.568	3.67
66)	4-Bromophenyl-...	0.232	0.239	0.239	0.248	0.244	0.249	0.254	0.243	3.03
67)	Hexachlorobenzene	0.264	0.277	0.293	0.288	0.288	0.293	0.295	0.285	3.87
68)	Atrazine	0.227	0.255	0.243	0.251	0.243	0.242	0.250	0.244	3.79
69) C	Pentachlorophenol	0.117	0.127	0.152	0.161	0.161	0.168	0.176	0.152	14.26
70)	Phenanthrene	1.106	1.138	1.046	1.017	0.987	0.990	0.999	1.040	5.75
71)	Anthracene	1.107	1.165	1.083	1.047	1.011	1.003	1.014	1.061	5.65
72)	Carbazole	1.035	1.058	0.974	0.948	0.910	0.919	0.898	0.963	6.51
73)	Di-n-butylphth...	1.216	1.298	1.155	1.125	1.082	1.097	1.071	1.149	7.15
74) C	Fluoranthene	1.358	1.325	1.274	1.265	1.180	1.194	1.173	1.253	5.83
75) I	Chrysene-d12	-----ISTD-----								
76)	Benzidine	0.508	0.628	0.656	0.637	0.644	0.636	0.627	0.619	8.09
77)	Pyrene	1.333	1.328	1.221	1.221	1.185	1.184	1.138	1.230	6.03
78) S	Terphenyl-d14	0.937	0.922	0.919	0.872	0.857	0.842	0.800	0.878	5.68
79)	Butylbenzylphth...	0.523	0.519	0.457	0.446	0.452	0.461	0.461	0.474	6.88
80)	Benzo(a)anthra...	1.187	1.190	1.124	1.097	1.080	1.095	1.064	1.120	4.51
81)	3,3'-Dichlorob...	0.440	0.445	0.445	0.454	0.442	0.458	0.450	0.448	1.44
82)	Chrysene	1.142	1.134	1.061	1.035	1.041	1.029	1.018	1.066	4.82

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83)	Bis(2-ethylhex...	0.772	0.741	0.619	0.599	0.596	0.607	0.611	0.649	11.44
84) c	Di-n-octyl pht...	1.246	1.218	1.021	0.993	0.990	0.993	0.992	1.065	10.78
85)	Indeno(1,2,3-c...	1.254	1.210	1.164	1.116	1.152	1.169	1.194	1.180	3.76
86) I	Perylene-d12	-----ISTD-----								
87)	Benzo(b)fluora...	1.167	1.177	1.135	1.118	1.088	1.157	1.111	1.136	2.86
88)	Benzo(k)fluora...	1.143	1.196	1.124	1.124	1.091	1.113	1.096	1.127	3.12
89) C	Benzo(a)pyrene	1.145	1.106	1.073	1.056	1.052	1.067	1.053	1.079	3.22
90)	Dibenzo(a,h)an...	1.052	1.117	1.053	1.043	1.038	1.074	1.050	1.061	2.57
91)	Benzo(g,h,i)pe...	1.036	1.041	0.994	0.999	1.015	1.036	1.022	1.020	1.84

(#) = Out of Range