

Method Path : Z:\HPCHEM1\BNA F\METHODS\
 Method File : 8270-BF092317.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Sat Sep 23 13:50:58 2017
 Response Via : Initial Calibration

Calibration Files

2.5 =BF098729.D 10 =BF098730.D 25 =BF098731.D 40 =BF098732.D 50 =BF098733.D 60 =BF098734.D 80 =BF098735.D

	Compound	2.5	10	25	40	50	60	80	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----								
2)	1,4-Dioxane	0.648	0.597	0.589	0.611	0.591	0.590	0.576	0.600	3.89
3)	Pyridine	1.684	1.668	1.553	1.592	1.642	1.609	1.616	1.624	2.78
4)	n-Nitrosodimet...	0.661	0.707	0.689	0.691	0.698	0.690	0.683	0.688	2.07
5) S	2-Fluorophenol		1.372	1.304	1.262	1.236	1.209	1.156	1.256	5.99
6)	Aniline	2.244	2.137	2.091	2.078	2.046	2.055	1.993	2.092	3.83
7) S	Phenol-d6		1.694	1.610	1.558	1.518	1.502	1.418	1.550	6.12
8)	2-Chlorophenol	1.570	1.538	1.448	1.406	1.370	1.358	1.268	1.423	7.42
9)	Benzaldehyde		1.077	0.952	0.878	0.806	0.783		0.899	13.28
10) C	Phenol	1.910	1.832	1.748	1.713	1.692	1.670	1.568	1.733	6.44
11)	bis(2-Chloroet...	1.470	1.398	1.369	1.332	1.293	1.311	1.261	1.348	5.26
12)	1,3-Dichlorobe...	1.658	1.576	1.507	1.470	1.432	1.431	1.357	1.490	6.75
13) C	1,4-Dichlorobe...	1.764	1.577	1.517	1.487	1.454	1.447	1.366	1.516	8.39
14)	1,2-Dichlorobe...	1.582	1.532	1.448	1.392	1.343	1.315	1.194	1.401	9.48
15)	Benzyl Alcohol	1.274	1.223	1.165	1.134	1.095	1.089	0.979	1.137	8.51
16)	2,2'-oxybis(1-...	2.365	2.177	2.133	2.041	2.018	2.035	1.927	2.099	6.78
17)	2-Methylphenol	1.264	1.209	1.166	1.150	1.127	1.140	1.093	1.164	4.87
18)	Hexachloroethane	0.615	0.574	0.546	0.534	0.519	0.526	0.500	0.545	7.05
19) P	n-Nitroso-di-n...	1.151	1.058	1.010	0.943	0.923	0.941	0.901	0.990	9.02
20)	3+4-Methylphenols	1.676	1.617	1.531	1.468	1.404	1.363	1.250	1.473	10.07
21) I	Naphthalene-d8	-----ISTD-----								
22)	Acetophenone	0.585	0.526	0.500	0.469	0.456	0.440	0.416	0.485	11.89
23) S	Nitrobenzene-d5		0.327	0.325	0.314	0.309	0.304	0.293	0.312	4.17
24)	Nitrobenzene	0.376	0.371	0.369	0.352	0.345	0.337	0.327	0.354	5.35
25)	Isophorone	0.695	0.660	0.653	0.625	0.626	0.632	0.624	0.645	4.08
26) C	2-Nitrophenol	0.151	0.164	0.173	0.176	0.176	0.178	0.173	0.170	5.46
27)	2,4-Dimethylph...	0.357	0.338	0.329	0.314	0.307	0.306	0.296	0.321	6.70
28)	bis(2-Chloroet...	0.444	0.421	0.414	0.389	0.385	0.388	0.374	0.402	6.17
29) C	2,4-Dichloroph...	0.293	0.288	0.283	0.273	0.268	0.268	0.259	0.276	4.42
30)	1,2,4-Trichlor...	0.308	0.289	0.287	0.272	0.265	0.261	0.249	0.276	7.20
31)	Naphthalene	1.103	1.017	0.971	0.910	0.890	0.863	0.821	0.939	10.37
32)	Benzoic acid		0.218	0.252	0.273	0.277	0.282	0.281	0.264	9.51
33)	4-Chloroaniline	0.448	0.412	0.408	0.387	0.377	0.367	0.348	0.392	8.42
34) C	Hexachlorobuta...	0.163	0.152	0.146	0.138	0.135	0.134	0.128	0.142	8.45
35)	Caprolactam	0.094	0.089	0.089	0.085	0.086	0.086	0.091	0.088	3.55
36) C	4-Chloro-3-met...	0.342	0.324	0.319	0.306	0.299	0.297	0.284	0.310	6.35
37)	2-Methylnaphth...	0.705	0.659	0.634	0.595	0.584	0.566	0.531	0.611	9.71

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38) I	Acenaphthene-d10	-----ISTD-----								
39)	1,2,4,5-Tetrac...	0.691	0.639	0.612	0.585	0.568	0.552	0.529	0.596	9.29
40) P	Hexachlorocycl...	0.257	0.266	0.279	0.279	0.275	0.280	0.272	0.273	3.11
41) S	2,4,6-Tribromo...		0.170	0.169	0.169	0.163	0.158	0.153	0.164	4.05
42) C	2,4,6-Trichlor...	0.434	0.438	0.425	0.418	0.417	0.411	0.415	0.423	2.35
43)	2,4,5-Trichlor...	0.459	0.433	0.435	0.426	0.410	0.405	0.385	0.422	5.75
44) S	2-Fluorobiphenyl		1.444	1.309	1.201	1.143	1.079	1.012	1.198	13.18
45)	1,1'-Biphenyl	2.079	1.883	1.768	1.692	1.612	1.559	1.440	1.719	12.44
46)	2-Chloronaphth...	1.475	1.398	1.330	1.266	1.227	1.194	1.143	1.291	9.10
47)	2-Nitroaniline	0.385	0.406	0.406	0.404	0.398	0.390	0.378	0.395	2.87
48)	Acenaphthylene	2.315	2.130	2.031	1.938	1.864	1.832	1.719	1.976	10.18
49)	Dimethylphthalate	1.707	1.588	1.547	1.469	1.429	1.431	1.396	1.509	7.34
50)	2,6-Dinitrotol...	0.322	0.322	0.339	0.336	0.330	0.329	0.322	0.329	2.13
51) C	Acenaphthene	1.461	1.326	1.284	1.228	1.196	1.157	1.109	1.251	9.42
52)	3-Nitroaniline	0.376	0.389	0.393	0.398	0.384	0.379	0.364	0.383	2.99
53) P	2,4-Dinitrophenol		0.100	0.134	0.155	0.162	0.167	0.172	0.148	18.40
54)	Dibenzofuran	1.963	1.825	1.702	1.635	1.577	1.527	1.435	1.666	10.87
55) P	4-Nitrophenol	0.308	0.320	0.326	0.333	0.332	0.331	0.318	0.324	2.81
56)	2,4-Dinitrotol...	0.392	0.423	0.443	0.440	0.440	0.432	0.417	0.426	4.26
57)	Fluorene	1.667	1.503	1.393	1.300	1.245	1.178	1.089	1.339	14.81
58)	2,3,4,6-Tetrac...	0.311	0.303	0.300	0.292	0.286	0.280	0.268	0.291	5.00
59)	Diethylphthalate	1.744	1.553	1.512	1.447	1.403	1.364	1.303	1.475	9.89
60)	4-Chlorophenyl...	0.744	0.664	0.627	0.588	0.552	0.540	0.494	0.602	14.05
61)	4-Nitroaniline	0.357	0.375	0.376	0.380	0.376	0.369	0.355	0.370	2.71
62)	Azobenzene	1.599	1.459	1.405	1.329	1.283	1.246	1.172	1.356	10.60
63) I	Phenanthrene-d10	-----ISTD-----								
64)	4,6-Dinitro-2-...		0.093	0.118	0.122	0.128	0.135	0.133	0.122	12.63
65) c	n-Nitrosodiphe...	0.796	0.753	0.711	0.664	0.655	0.648	0.622	0.693	9.13
66)	4-Bromophenyl-...	0.218	0.206	0.199	0.190	0.187	0.190	0.180	0.196	6.57
67)	Hexachlorobenzene	0.234	0.218	0.214	0.202	0.201	0.201	0.194	0.209	6.56
68)	Atrazine	0.238	0.220	0.217	0.204	0.197	0.195	0.188	0.208	8.47
69) C	Pentachlorophenol	0.114	0.130	0.137	0.134	0.133	0.134	0.130	0.130	5.88
70)	Phenanthrene	1.297	1.172	1.104	1.021	1.002	0.982	0.916	1.071	12.16
71)	Anthracene	1.290	1.197	1.151	1.058	1.021	1.009	0.940	1.095	11.18
72)	Carbazole	1.252	1.183	1.105	1.043	1.013	0.996	0.917	1.073	10.75
73)	Di-n-butylphth...	1.485	1.400	1.377	1.261	1.228	1.186	1.101	1.291	10.43
74) C	Fluoranthene	1.280	1.198	1.147	1.037	1.015	0.995	0.915	1.084	11.82
75) I	Chrysene-d12	-----ISTD-----								
76)	Benzidine	0.748	0.841	0.791	0.729	0.714	0.723	0.632	0.740	8.81
77)	Pvrene	1.667	1.561	1.517	1.494	1.501	1.466	1.469	1.525	4.61
78) S	Terphenyl-d14		0.984	0.920	0.864	0.867	0.832	0.810	0.879	7.20
79)	Butylbenzylphth...	0.694	0.713	0.737	0.725	0.717	0.718	0.714	0.717	1.83
80)	Benzo(a)anthra...	1.344	1.272	1.234	1.175	1.164	1.163	1.127	1.211	6.30
81)	3,3'-Dichlorob...	0.478	0.486	0.470	0.441	0.429	0.417	0.388	0.444	8.05
82)	Chrysene	1.314	1.239	1.179	1.121	1.083	1.083	1.051	1.153	8.31

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83)	Bis(2-ethylhex...	1.046	1.032	1.025	0.985	0.958	0.960	0.902	0.987	5.21
84) c	Di-n-octyl pht...	1.704	1.690	1.653	1.542	1.514	1.556	1.465	1.589	5.84
85)	Indeno(1,2,3-c...	1.053	0.956	0.889	0.836	0.905	0.879	0.937	0.922	7.58
86) I	Perylene-d12	-----ISTD-----								
87)	Benzo(b)fluora...	1.291	1.284	1.208	1.249	1.179	1.249	1.149	1.230	4.34
88)	Benzo(k)fluora...	1.328	1.237	1.265	1.194	1.196	1.137	1.145	1.215	5.59
89) C	Benzo(a)pyrene	1.211	1.149	1.144	1.118	1.100	1.100	1.079	1.129	3.91
90)	Dibenzo(a,h)an...	0.956	0.897	0.874	0.874	0.908	0.892	0.923	0.903	3.23
91)	Benzo(g,h,i)pe...	0.924	0.864	0.834	0.866	0.910	0.901	0.950	0.893	4.48

(#) = Out of Range