

Method Path : Z:\HPCHEM1\BNA_F\METHODS\
 Method File : 8270-BF100416.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Tue Oct 04 14:16:07 2016
 Response Via : Initial Calibration

Calibration Files

2.5 =BF090334.D 10 =BF090335.D 25 =BF090336.D 40 =BF090337.D 50 =BF090338.D 60 =BF090339.D 80 =BF090340.D

	Compound	2.5	10	25	40	50	60	80	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----								
2)	1,4-Dioxane	0.631	0.620	0.619	0.632	0.606	0.626	0.599	0.619	1.98
3)	Pyridine	1.525	1.663	1.735	1.669	1.599	1.678	1.616	1.641	4.13
4)	n-Nitrosodimet...	0.574	0.559	0.586	0.610	0.606	0.619	0.606	0.594	3.67
5) S	2-Fluorophenol	1.341	1.310	1.360	1.387	1.189	1.155	1.133	1.268	8.32
6)	Aniline	2.280	2.324	2.165	2.240	2.115	2.097	2.024	2.178	4.96
7) S	Phenol-d6	1.620	1.771	1.648	1.673	1.455	1.557	1.372	1.585	8.57
8)	2-Chlorophenol	1.486	1.539	1.434	1.404	1.360	1.437	1.314	1.425	5.27
9)	Benzaldehyde	0.790	0.747	0.743	0.738	0.726	0.730	0.676	0.736	4.61
10) C	Phenol	1.879	2.040	2.017	2.163	1.628	1.972	1.795	1.928	9.18
11)	bis(2-Chloroet...	1.515	1.359	1.423	1.527	1.250	1.175	1.333	1.369	9.53
12)	1,3-Dichlorobe...	1.635	1.571	1.485	1.445	1.359	1.450	1.413	1.480	6.37
13) C	1,4-Dichlorobe...	1.626	1.633	1.651	1.568	1.411	1.365	1.264	1.503	10.27
14)	1,2-Dichlorobe...	1.550	1.413	1.383	1.424	1.461	1.471	1.299	1.429	5.49
15)	Benzyl Alcohol	1.083	1.182	1.155	1.091	1.058	1.185	1.067	1.117	4.91
16)	2,2'-oxybis(1-...	2.259	2.238	2.204	2.184	1.989	1.961	1.812	2.092	8.19
17)	2-Methylphenol	1.207	1.102	1.123	1.170	1.076	1.049	0.999	1.104	6.44
18)	Hexachloroethane	0.512	0.547	0.567	0.583	0.537	0.547	0.512	0.544	4.86
19) P	n-Nitroso-di-n...	1.104	1.047	1.053	0.980	1.039	0.924	0.940	1.012	6.49
20)	3+4-Methylphenols	1.437	1.513	1.512	1.403	1.376	1.438	1.145	1.403	8.90
21) I	Naphthalene-d8	-----ISTD-----								
22)	Acetophenone	0.459	0.475	0.498	0.458	0.428	0.473	0.450	0.463	4.74
23) S	Nitrobenzene-d5	0.294	0.346	0.351	0.375	0.348	0.342	0.346	0.343	7.07
24)	Nitrobenzene	0.302	0.367	0.383	0.348	0.376	0.425	0.363	0.366	10.18
25)	Isophorone	0.657	0.693	0.662	0.629	0.651	0.664	0.614	0.653	3.88
26) C	2-Nitrophenol	0.114	0.141	0.143	0.139	0.154	0.157	0.141	0.141	10.91
27)	2,4-Dimethylph...	0.316	0.320	0.353	0.335	0.295	0.306	0.308	0.319	6.11
28)	bis(2-Chloroet...	0.406	0.390	0.445	0.447	0.408	0.389	0.353	0.405	8.16
29) C	2,4-Dichloroph...	0.235	0.265	0.290	0.277	0.250	0.256	0.254	0.261	6.96
30)	1,2,4-Trichlor...	0.303	0.308	0.312	0.301	0.281	0.282	0.261	0.292	6.24
31)	Naphthalene	1.116	1.082	0.979	0.918	0.852	0.902	0.843	0.956	11.30
32)	Benzoic acid	0.113	0.185	0.197	0.198	0.219	0.214	0.188	0.188	20.49
33)	4-Chloroaniline	0.365	0.389	0.431	0.422	0.383	0.366	0.316	0.382	10.13
34) C	Hexachlorobuta...	0.164	0.168	0.175	0.174	0.173	0.180	0.170	0.172	2.98
35)	Caprolactam	0.064	0.067	0.068	0.072	0.067	0.075	0.065	0.068	6.08
36) C	4-Chloro-3-met...	0.262	0.285	0.301	0.276	0.261	0.293	0.285	0.280	5.37
37)	2-Methylnaphth...	0.623	0.589	0.626	0.628	0.601	0.596	0.535	0.600	5.42

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38) I	Acenaphthene-d10	-----ISTD-----								
39)	1,2,4,5-Tetrac...	0.580	0.575	0.560	0.544	0.542	0.577	0.573	0.565	2.83
40) P	Hexachlorocycl...		0.247	0.299	0.309	0.357	0.393	0.376	0.330	16.66
41) S	2,4,6-Tribromo...	0.146	0.165	0.183	0.180	0.165	0.178	0.198	0.174	9.56
42) C	2,4,6-Trichlor...	0.299	0.323	0.345	0.348	0.380	0.406	0.386	0.355	10.57
43)	2,4,5-Trichlor...	0.306	0.327	0.360	0.368	0.387	0.393	0.360	0.357	8.70
44) S	2-Fluorobiphenyl	1.348	1.261	1.204	1.233	1.264	1.228	1.048	1.227	7.42
45)	1,1'-Biphenyl	1.682	1.656	1.475	1.408	1.478	1.607	1.533	1.548	6.62
46)	2-Chloronaphth...	1.194	1.122	1.110	1.152	1.191	1.242	1.125	1.162	4.16
47)	2-Nitroaniline		0.260	0.323	0.316	0.306	0.328	0.371	0.317	11.32
48)	Acenaphthylene	1.883	1.779	1.907	1.836	1.638	1.657	1.608	1.758	7.02
49)	Dimethylphthalate		1.207	1.213	1.124	1.145	1.252	1.162	1.184	4.09
50)	2,6-Dinitrotol...		0.239	0.237	0.230	0.277	0.297	0.274	0.259	10.55
51) C	Acenaphthene	1.161	1.123	1.109	1.054	0.991	1.040	1.012	1.070	5.85
52)	3-Nitroaniline		0.240	0.319	0.294	0.264	0.306	0.337	0.293	12.28
53) P	2,4-Dinitrophenol		0.038	0.070	0.086	0.088	0.089	0.100	0.078	28.00
54)	Dibenzofuran	1.591	1.487	1.500	1.391	1.299	1.330	1.306	1.415	7.99
55) P	4-Nitrophenol		0.206	0.223	0.248	0.250	0.229	0.245	0.234	7.48
56)	2,4-Dinitrotol...		0.271	0.277	0.289	0.359	0.365	0.310	0.312	13.17
57)	Fluorene	1.370	1.229	1.206	1.160	1.088	1.127	1.103	1.183	8.23
58)	2,3,4,6-Tetrac...	0.228	0.244	0.279	0.270	0.255	0.250	0.238	0.252	7.15
59)	Diethylphthalate	1.554	1.068	1.259	1.214	1.131	1.144	1.101	1.210	13.63
60)	4-Chlorophenyl...	0.552	0.510	0.559	0.547	0.562	0.613	0.586	0.561	5.74
61)	4-Nitroaniline	0.193	0.245	0.257	0.280	0.289	0.267	0.316	0.264	14.69
62)	Azobenzene	1.309	1.196	1.169	1.132	1.299	1.387	1.337	1.261	7.57
63) I	Phenanthrene-d10	-----ISTD-----								
64)	4,6-Dinitro-2-...	0.027	0.043	0.078	0.084	0.082	0.108	0.111	0.076	41.01
65) c	n-Nitrosodiphe...	0.708	0.689	0.670	0.709	0.677	0.723	0.598	0.682	6.09
66)	4-Bromophenyl-...	0.206	0.203	0.208	0.210	0.213	0.242	0.231	0.216	6.84
67)	Hexachlorobenzene	0.264	0.258	0.245	0.245	0.234	0.270	0.262	0.254	5.04
68)	Atrazine	0.167	0.167	0.146	0.155	0.162	0.186	0.160	0.163	7.64
69) C	Pentachlorophenol		0.114	0.143	0.148	0.144	0.159	0.147	0.142	10.63
70)	Phenanthrene	1.157	1.072	1.071	1.082	1.030	1.113	0.986	1.073	5.12
71)	Anthracene	1.235	1.153	1.117	1.114	0.965	0.981	0.933	1.071	10.53
72)	Carbazole	1.136	1.053	1.005	0.953	0.851	0.965	0.929	0.985	9.30
73)	Di-n-butylphth...	1.293	1.106	1.219	1.238	1.124	1.194	1.063	1.177	6.94
74) C	Fluoranthene	1.159	1.011	1.065	1.080	0.958	0.993	0.859	1.018	9.44
75) I	Chrysene-d12	-----ISTD-----								
76)	Benzidine		0.515	0.568	0.577	0.547	0.553	0.540	0.550	4.02
77)	Pyrene	1.405	1.280	1.370	1.331	1.193	1.229	1.155	1.281	7.29
78) S	Terphenyl-d14	0.881	0.833	0.853	0.879	0.872	0.908	0.787	0.859	4.59
79)	Butylbenzylphth...	0.405	0.448	0.505	0.524	0.511	0.565	0.574	0.505	12.01
80)	Benzo(a)anthra...	1.181	1.112	1.105	1.076	1.079	1.154	1.143	1.121	3.49
81)	3,3'-Dichlorob...	0.357	0.336	0.391	0.387	0.416	0.430	0.388	0.386	8.33
82)	Chrysene	1.110	1.002	0.998	0.964	1.038	1.150	1.094	1.051	6.49

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83)	Bis(2-ethylhex...	0.786	0.683	0.817	0.818	0.808	0.881	0.858	0.807	7.85
84) c	Di-n-octyl pht...	0.897	1.005	1.205	1.218	1.243	1.347	1.297	1.173	13.81
85)	Indeno(1,2,3-c...		0.919	1.020	1.052	1.160	1.285	1.340	1.129	14.37
86) I	Perylene-d12	-----ISTD-----								
87)	Benzo(b)fluora...	1.148	1.148	1.108	1.141	1.015	1.304	1.185	1.150	7.53
88)	Benzo(k)fluora...	1.132	1.059	1.183	1.215	1.131	0.965	1.006	1.099	8.37
89) C	Benzo(a)pyrene	0.990	1.025	1.055	1.098	1.022	1.106	1.048	1.049	3.98
90)	Dibenzo(a,h)an...	0.860	0.943	1.011	1.080	1.043	1.149	1.116	1.029	9.81
91)	Benzo(g,h,i)pe...	0.835	0.934	0.990	1.044	1.028	1.128	1.093	1.008	9.84

(#) = Out of Range