

Method Path : Z:\HPCHEM1\BNA_F\METHODS\
 Method File : 8270-BF061715.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Wed Jun 17 16:41:53 2015
 Response Via : Initial Calibration

Calibration Files

2.5 =BF080022.D 10 =BF080023.D 25 =BF080024.D 40 =BF080025.D 50 =BF080026.D 60 =BF080027.D 80 =BF080028.D

	Compound	2.5	10	25	40	50	60	80	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----								
2)	1,4-Dioxane	0.546	0.567	0.541	0.517	0.526	0.526	0.537	3.38	
3)	Pyridine	1.381	1.447	1.432	1.366	1.564	1.380	1.428	5.16	
4)	n-Nitrosodimet...	0.681	0.724	0.724	0.620	0.660	0.664	0.679	5.94	
5) S	2-Fluorophenol	1.121	1.158	1.163	1.164	1.107	1.120	1.077	1.130	2.93
6)	Aniline	1.935	1.956	2.049	2.172	2.066	2.131	2.171	2.068	4.68
7) S	Phenol-d6	1.430	1.433	1.580	1.617	1.516	1.502	1.446	1.503	4.89
8)	2-Chlorophenol	1.250	1.251	1.331	1.364	1.299	1.309	1.336	1.306	3.30
9)	Benzaldehyde	0.925	0.980	0.948	0.906	0.828	0.797	0.691	0.868	11.67
10) C	Phenol	1.661	1.689	1.714	1.715	1.651	1.558	1.496	1.641	5.07
11)	bis(2-Chloroet...	1.315	1.315	1.411	1.352	1.298	1.272	1.149	1.302	6.20
12)	1,3-Dichlorobe...	1.591	1.532	1.580	1.633	1.550	1.574	1.521	1.569	2.44
13) C	1,4-Dichlorobe...	1.526	1.447	1.477	1.536	1.464	1.497	1.497	1.492	2.17
14)	1,2-Dichlorobe...	1.394	1.503	1.513	1.503	1.419	1.430	1.401	1.452	3.60
15)	Benzyl Alcohol	1.205	1.131	1.199	1.290	1.258	1.271	1.251	1.229	4.45
16)	2,2'-oxybis(1-...	2.136	1.959	1.936	1.919	1.839	1.876	1.860	1.932	5.16
17)	2-Methylphenol	1.071	1.123	1.156	1.188	1.104	1.122	1.043	1.115	4.39
18)	Hexachloroethane	0.491	0.469	0.492	0.524	0.479	0.506	0.516	0.497	3.97
19) P	n-Nitroso-di-n...	1.111	1.070	1.125	1.008	0.985	0.971	1.036	1.044	5.78
20)	3+4-Methylphenols	1.367	1.417	1.487	1.506	1.409	1.445	1.446	1.440	3.27
21) I	Naphthalene-d8	-----ISTD-----								
22)	Acetophenone	0.446	0.438	0.463	0.497	0.464	0.492	0.463	0.466	4.69
23) S	Nitrobenzene-d5	0.308	0.338	0.332	0.357	0.334	0.366	0.370	0.344	6.35
24)	Nitrobenzene	0.336	0.375	0.378	0.365	0.344	0.346	0.336	0.355	5.05
25)	Isophorone	0.668	0.679	0.734	0.715	0.676	0.703	0.665	0.691	3.79
26) C	2-Nitrophenol	0.130	0.146	0.152	0.142	0.154	0.165	0.148		7.90
27)	2,4-Dimethylph...	0.331	0.327	0.318	0.304	0.286	0.302	0.298	0.309	5.34
28)	bis(2-Chloroet...	0.392	0.373	0.394	0.419	0.402	0.428	0.437	0.406	5.55
29) C	2,4-Dichloroph...	0.235	0.273	0.273	0.278	0.261	0.267	0.269	0.265	5.39
30)	1,2,4-Trichlor...	0.289	0.290	0.301	0.305	0.295	0.308	0.319	0.301	3.58
31)	Naphthalene	1.035	1.038	1.051	1.088	1.030	1.054	1.024	1.046	2.04
32)	Benzoic acid	0.145	0.189	0.193	0.190	0.199	0.207	0.187		11.70
33)	4-Chloroaniline	0.554	0.432	0.435	0.438	0.414	0.433	0.426	0.448	10.61
34) C	Hexachlorobuta...	0.181	0.188	0.194	0.180	0.180	0.192	0.182	0.185	3.16
35)	Caprolactam	0.080	0.088	0.093	0.087	0.085	0.083	0.086		5.27
36) C	4-Chloro-3-met...	0.280	0.272	0.320	0.317	0.300	0.308	0.297	0.299	6.03
37)	2-Methylnaphth...	0.660	0.672	0.674	0.702	0.657	0.677	0.693	0.676	2.41

Method Path : Z:\HPCHEM1\BNA_F\METHODS\
 Method File : 8270-BF061715.M

38) I	Acenaphthene-d10	-----ISTD-----								
39)	1,2,4,5-Tetrac...	0.535	0.603	0.596	0.604	0.569	0.574	0.592	0.582	4.24
40) P	Hexachlorocycl...		0.194	0.234	0.276	0.264	0.283	0.311	0.260	15.75
41) S	2,4,6-Tribromo...	0.169	0.196	0.207	0.203	0.188	0.199	0.207	0.196	6.91
42) C	2,4,6-Trichlor...	0.363	0.389	0.392	0.418	0.388	0.406	0.416	0.396	4.86
43)	2,4,5-Trichlor...	0.432	0.411	0.451	0.485	0.466	0.474	0.476	0.456	5.87
44) S	2-Fluorobiphenyl	1.478	1.536	1.485	1.441	1.333	1.313	1.231	1.402	7.93
45)	1,1'-Biphenyl	1.639	1.756	1.705	1.659	1.585	1.551	1.497	1.627	5.50
46)	2-Chloronaphth...	1.290	1.260	1.339	1.388	1.328	1.315	1.323	1.320	3.03
47)	2-Nitroaniline	0.296	0.341	0.384	0.400	0.370	0.374	0.373	0.362	9.47
48)	Acenaphthylene	2.093	2.092	2.222	2.383	2.152	2.228	2.256	2.204	4.65
49)	Dimethylphthalate	1.536	1.624	1.616	1.516	1.407	1.410	1.416	1.504	6.33
50)	2,6-Dinitrotol...	0.221	0.258	0.332	0.337	0.318	0.325	0.320	0.301	14.56
51) C	Acenaphthene	1.317	1.316	1.378	1.413	1.347	1.350	1.317	1.348	2.72
52)	3-Nitroaniline	0.272	0.314	0.379	0.379	0.373	0.370	0.348	0.348	11.71
53) P	2,4-Dinitrophenol		0.071	0.095	0.114	0.111	0.124	0.123	0.106	18.87
54)	Dibenzofuran	1.905	1.944	1.976	1.992	1.841	1.883	1.850	1.913	3.11
55) P	4-Nitrophenol		0.268	0.289	0.280	0.271	0.270	0.289	0.278	3.44
56)	2,4-Dinitrotol...		0.306	0.364	0.402	0.383	0.400	0.441	0.383	11.84
57)	Fluorene	1.472	1.628	1.593	1.564	1.448	1.473	1.447	1.518	4.95
58)	2,3,4,6-Tetrac...	0.343	0.370	0.384	0.416	0.391	0.391	0.400	0.385	6.03
59)	Diethylphthalate	1.422	1.431	1.558	1.643	1.548	1.525	1.471	1.514	5.19
60)	4-Chlorophenyl...	0.721	0.745	0.733	0.741	0.710	0.727	0.729	0.729	1.65
61)	4-Nitroaniline		0.323	0.341	0.389	0.371	0.388	0.344	0.359	7.61
62)	Azobenzene	1.425	1.492	1.562	1.667	1.532	1.557	1.554	1.541	4.78
63) I	Phenanthrene-d10	-----ISTD-----								
64)	4,6-Dinitro-2-...		0.056	0.074	0.103	0.097	0.111	0.125	0.094	26.61
65) c	n-Nitrosodiphe...	0.598	0.588	0.630	0.697	0.663	0.684	0.699	0.651	7.12
66)	4-Bromophenyl-...	0.209	0.201	0.210	0.223	0.204	0.220	0.221	0.213	4.12
67)	Hexachlorobenzene	0.240	0.228	0.229	0.250	0.223	0.240	0.245	0.236	4.19
68)	Atrazine	0.193	0.224	0.225	0.224	0.197	0.197	0.181	0.206	8.80
69) C	Pentachlorophenol		0.109	0.127	0.134	0.134	0.148	0.152	0.134	11.41
70)	Phenanthrene	1.224	1.237	1.220	1.240	1.166	1.156	1.232	1.211	2.87
71)	Anthracene	1.115	1.159	1.172	1.183	1.132	1.206	1.195	1.166	2.84
72)	Carbazole	1.032	1.170	1.127	1.162	1.081	1.088	1.132	1.113	4.41
73)	Di-n-butylphth...		1.275	1.359	1.274	1.224	1.284	1.301	1.286	3.41
74) C	Fluoranthene	1.215	1.287	1.278	1.295	1.258	1.340	1.352	1.290	3.63
75) I	Chrysene-d12	-----ISTD-----								
76)	Benzidine		0.537	0.558	0.580	0.555	0.548	0.577	0.559	2.99
77)	Pyrene	1.268	1.239	1.209	1.248	1.232	1.221	1.202	1.231	1.85
78) S	Terphenyl-d14	0.899	0.864	0.891	0.853	0.864	0.825	0.799	0.856	4.12
79)	Butylbenzylphth...	0.429	0.473	0.498	0.521	0.499	0.509	0.531	0.495	6.91
80)	Benzo(a)anthra...	1.252	1.254	1.219	1.214	1.162	1.226	1.203	1.218	2.56
81)	3,3'-Dichlorob...		0.400	0.418	0.427	0.416	0.428	0.433	0.420	2.85
82)	Chrysene	1.119	1.127	1.147	1.136	1.081	1.112	1.143	1.124	2.00

Method Path : Z:\HPCHEM1\BNA_F\METHODS\

Method File : 8270-BF061715.M

83)	Bis(2-ethylhex...	0.692	0.752	0.792	0.814	0.785	0.801	0.833	0.782	5.96
84) c	Di-n-octyl pht...	1.206	1.267	1.357	1.379	1.353	1.370	1.443	1.339	5.83
85)	Indeno(1,2,3-c...	1.486	1.394	1.357	1.422	1.381	1.408	1.470	1.417	3.30
86) I	Perylene-d12	-----ISTD-----								
87)	Benzo(b)fluora...	1.306	1.174	1.176	1.255	1.138	1.240	1.188	1.211	4.80
88)	Benzo(k)fluora...	1.214	1.292	1.274	1.237	1.230	1.167	1.218	1.233	3.34
89) C	Benzo(a)pyrene	1.177	1.140	1.162	1.164	1.120	1.131	1.156	1.150	1.75
90)	Dibenzo(a,h)an...	1.217	1.153	1.163	1.192	1.154	1.172	1.189	1.177	2.00
91)	Benzo(g,h,i)pe...	1.287	1.149	1.174	1.207	1.158	1.158	1.187	1.188	4.04

(#) = Out of Range