

Method Path : Z:\HPCHEM1\BNA_F\METHODS\
 Method File : 8270-BF021715.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Wed Feb 18 02:50:27 2015
 Response Via : Initial Calibration

Calibration Files

2.5 =BF077326.D 10 =BF077325.D 25 =BF077324.D 40 =BF077323.D 50 =BF077322.D 60 =BF077321.D 80 =BF077320.D

	Compound	2.5	10	25	40	50	60	80	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----								
2)	1,4-Dioxane	0.500	0.554	0.484	0.521	0.518	0.494	0.519	0.513	4.50
3)	Pyridine	1.102	1.307	1.495	1.480	1.518	1.291	1.286	1.354	11.16
4)	n-Nitrosodimet...	0.680	0.716	0.614	0.607	0.600	0.664	0.655	0.648	6.61
5) S	2-Fluorophenol	1.110	1.242	1.165	1.190	1.181	1.157	1.147	1.170	3.50
6)	Aniline	1.972	2.316	2.145	2.213	2.149	2.180	2.135	2.159	4.77
7) S	Phenol-d6	1.510	1.625	1.479	1.611	1.530	1.515	1.431	1.529	4.52
8)	2-Chlorophenol	1.234	1.455	1.396	1.412	1.377	1.391	1.337	1.372	5.12
9)	Benzaldehyde	1.172	1.032	0.928	0.907	0.894	0.715	0.941	16.21	
10) C	Phenol	0.041	0.050	0.062	0.061	0.059	0.062	0.059	0.056	13.98
11)	bis(2-Chloroet...	1.327	1.469	1.323	1.367	1.270	1.286	1.282	1.332	5.18
12)	1,3-Dichlorobe...	1.535	1.654	1.541	1.594	1.521	1.507	1.480	1.547	3.79
13) C	1,4-Dichlorobe...	1.610	1.693	1.547	1.621	1.590	1.564	1.542	1.595	3.31
14)	1,2-Dichlorobe...	1.555	1.608	1.516	1.568	1.538	1.517	1.469	1.539	2.88
15)	Benzyl Alcohol	1.072	1.264	1.200	1.209	1.150	1.135	1.079	1.158	6.09
16)	2,2'-oxybis(1-...	2.007	2.178	2.004	2.088	1.909	1.960	1.888	2.005	5.07
17)	2-Methylphenol	1.010	1.167	1.114	1.132	1.076	1.088	1.067	1.093	4.62
18)	Hexachloroethane	0.517	0.526	0.491	0.540	0.525	0.525	0.516	0.520	2.87
19) P	n-Nitroso-di-n...	1.071	1.136	1.042	1.136	1.054	1.041	0.958	1.062	5.79
20)	3+4-Methylphenols	1.257	1.550	1.461	1.490	1.408	1.435	1.363	1.423	6.64
21) I	Naphthalene-d8	-----ISTD-----								
22)	Acetophenone	0.468	0.503	0.491	0.489	0.463	0.438	0.442	0.471	5.32
23) S	Nitrobenzene-d5	0.229	0.304	0.299	0.295	0.286	0.302	0.306	0.289	9.36
24)	Nitrobenzene	0.248	0.328	0.325	0.323	0.312	0.311	0.331	0.311	9.33
25)	Isophorone	0.613	0.703	0.648	0.676	0.629	0.648	0.639	0.651	4.61
26) C	2-Nitrophenol	0.051	0.067	0.082	0.097	0.092	0.099	0.096	0.083	21.66
27)	2,4-Dimethylph...	0.273	0.302	0.300	0.303	0.290	0.302	0.306	0.297	3.94
28)	bis(2-Chloroet...	0.392	0.428	0.426	0.445	0.418	0.418	0.406	0.419	4.05
29) C	2,4-Dichloroph...	0.207	0.267	0.267	0.269	0.262	0.258	0.254	0.255	8.52
30)	1,2,4-Trichlor...	0.329	0.336	0.321	0.332	0.318	0.313	0.316	0.324	2.69
31)	Naphthalene	1.038	1.118	1.009	0.993	0.956	0.933	0.956	1.001	6.29
32)	Benzoic acid	0.049	0.066	0.082	0.078	0.083	0.077	0.072	17.72	
33)	4-Chloroaniline	0.428	0.467	0.430	0.430	0.412	0.405	0.422	0.428	4.64
34) C	Hexachlorobuta...	0.177	0.181	0.177	0.183	0.176	0.174	0.170	0.177	2.47
35)	Caprolactam	0.054	0.078	0.087	0.082	0.083	0.086	0.078	0.078	14.43
36) C	4-Chloro-3-met...	0.258	0.304	0.281	0.286	0.266	0.288	0.280	0.280	5.29
37)	2-Methylnaphth...	0.707	0.771	0.731	0.723	0.696	0.707	0.703	0.720	3.53

Method Path : Z:\HPCHEM1\BNA_F\METHODS\
 Method File : 8270-BF021715.M

38)	I	Acenaphthene-d10	-----ISTD-----								
39)		1,2,4,5-Tetrac...	0.622	0.593	0.553	0.588	0.570	0.553	0.564	0.578	4.32
40)	P	Hexachlorocycl...	0.222	0.272	0.272	0.322	0.301	0.310	0.310	0.287	11.97
41)	S	2,4,6-Tribromo...	0.109	0.171	0.185	0.197	0.183	0.181	0.188	0.173	16.92
42)	C	2,4,6-Trichlor...	0.225	0.300	0.341	0.371	0.335	0.346	0.347	0.324	14.93
43)		2,4,5-Trichlor...	0.268	0.358	0.365	0.375	0.357	0.350	0.349	0.346	10.29
44)	S	2-Fluorobiphenyl	1.361	1.419	1.340	1.401	1.322	1.228	1.216	1.327	5.96
45)		1,1'-Biphenyl	1.653	1.678	1.558	1.621	1.547	1.525	1.581	1.595	3.61
46)		2-Chloronaphth...	1.230	1.276	1.182	1.199	1.150	1.114	1.141	1.185	4.72
47)		2-Nitroaniline	0.139	0.204	0.247	0.270	0.248	0.249	0.255	0.230	19.52
48)		Acenaphthylene	1.898	2.121	1.963	2.024	1.922	1.857	1.887	1.953	4.72
49)		Dimethylphthalate	1.312	1.542	1.403	1.409	1.311	1.301	1.356	1.376	6.19
50)		2,6-Dinitrotol...	0.120	0.212	0.242	0.263	0.242	0.259	0.259	0.228	22.33
51)	C	Acenaphthene	1.216	1.235	1.175	1.196	1.122	1.095	1.077	1.159	5.33
52)		3-Nitroaniline	0.165	0.251	0.303	0.328	0.307	0.288	0.290	0.276	19.62
53)	P	2,4-Dinitrophenol		0.024	0.033	0.039	0.034	0.038	0.039	0.035#	17.24
54)		Dibenzofuran	1.896	1.905	1.777	1.794	1.701	1.630	1.606	1.758	6.77
55)	P	4-Nitrophenol	0.106	0.155	0.198	0.229	0.216	0.196	0.202	0.186	22.68
56)		2,4-Dinitrotol...	0.108	0.212	0.277	0.335	0.306	0.326	0.328	0.270	30.85
57)		Fluorene	1.389	1.477	1.397	1.418	1.341	1.306	1.330	1.380	4.25
58)		2,3,4,6-Tetrac...	0.157	0.238	0.266	0.293	0.273	0.289	0.284	0.257	18.66
59)		Diethylphthalate	1.407	1.506	1.518	1.504	1.352	1.362	1.381	1.433	5.14
60)		4-Chlorophenyl...	0.689	0.710	0.685	0.704	0.651	0.638	0.621	0.671	5.16
61)		4-Nitroaniline	0.156	0.236	0.292	0.309	0.283	0.278	0.307	0.266	20.34
62)		Azobenzene	1.338	1.512	1.469	1.504	1.405	1.344	1.363	1.419	5.29
63)	I	Phenanthrene-d10	-----ISTD-----								
64)		4,6-Dinitro-2-...		0.019	0.030	0.037	0.033	0.038	0.039	0.033	22.73
65)	c	n-Nitrosodiphe...	0.576	0.680	0.642	0.697	0.655	0.657	0.659	0.652	5.86
66)		4-Bromophenyl-...	0.208	0.237	0.231	0.236	0.219	0.217	0.212	0.223	5.36
67)		Hexachlorobenzene	0.260	0.257	0.254	0.264	0.245	0.248	0.242	0.253	3.33
68)		Atrazine	0.163	0.206	0.209	0.193	0.190	0.198	0.205	0.195	7.99
69)	C	Pentachlorophenol	0.033	0.067	0.086	0.097	0.092	0.099	0.099	0.082	29.70
70)		Phenanthrene	1.106	1.204	1.177	1.212	1.150	1.158	1.128	1.162	3.32
71)		Anthracene	1.106	1.197	1.163	1.191	1.154	1.128	1.151	1.156	2.79
72)		Carbazole	0.924	1.055	1.035	1.101	1.010	0.999	0.988	1.016	5.51
73)		Di-n-butylphth...	0.966	1.260	1.282	1.363	1.298	1.310	1.276	1.251	10.37
74)	C	Fluoranthene	1.090	1.234	1.168	1.223	1.167	1.150	1.181	1.173	4.08
75)	I	Chrysene-d12	-----ISTD-----								
76)		Benzidine	0.544	0.641	0.678	0.657	0.653	0.607	0.521	0.614	9.79
77)		Pyrene	1.187	1.318	1.278	1.315	1.252	1.213	1.092	1.236	6.49
78)	S	Terphenyl-d14	0.911	0.982	0.911	0.916	0.852	0.811	0.775	0.880	8.05
79)		Butylbenzylphth...	0.256	0.414	0.476	0.534	0.482	0.509	0.485	0.451	20.77
80)		Benzo(a)anthra...	1.117	1.224	1.177	1.193	1.172	1.156	1.113	1.165	3.43
81)		3,3'-Dichlorob...	0.295	0.368	0.395	0.419	0.407	0.414	0.395	0.385	11.17
82)		Chrysene	1.149	1.200	1.106	1.117	1.102	1.050	0.983	1.101	6.31

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

Method File : 8270-BF021715.M

83)	Bis(2-ethylhex...	0.508	0.762	0.827	0.918	0.812	0.845	0.791	0.780	16.60
84) c	Di-n-octyl pht...	0.646	1.071	1.271	1.428	1.302	1.363	1.327	1.201	22.37
85)	Indeno(1,2,3-c...	1.071	1.223	1.192	1.317	1.367	1.283	1.351	1.258	8.28
86) I	Perylene-d12	-----ISTD-----								
87)	Benzo(b)fluora...	1.098	1.217	1.402	1.270	1.320	1.363	1.330	1.286	7.96
88)	Benzo(k)fluora...	1.030	1.319	0.981	1.191	0.975	1.007	0.930	1.062	13.22
89) C	Benzo(a)pyrene	0.962	1.141	1.121	1.178	1.133	1.168	1.130	1.119	6.46
90)	Dibenzo(a,h)an...	0.974	1.153	1.103	1.231	1.147	1.185	1.178	1.139	7.26
91)	Benzo(g,h,i)pe...	0.997	1.145	1.091	1.185	1.170	1.157	1.181	1.132	5.95

(#) = Out of Range