

Method Path : Z:\HPCHEM1\BNA_M\METHODS\
 Method File : 8270-BM120915.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Wed Dec 09 18:52:47 2015
 Response Via : Initial Calibration

Calibration Files

2.5 =BM003411.D 10 =BM003412.D 25 =BM003413.D 40 =BM003414.D 50 =BM003415.D 60 =BM003416.D 80 =BM003417.D

	Compound	2.5	10	25	40	50	60	80	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----								
2)	1,4-Dioxane	0.471	0.491	0.466	0.485	0.473	0.443	0.439	0.467	4.17
3)	Pyridine	1.234	1.276	1.319	1.365	1.356	1.293	1.310	1.308	3.48
4)	n-Nitrosodimet...	0.344	0.402	0.431	0.441	0.451	0.426	0.436	0.419	8.67
5) S	2-Fluorophenol	1.004	1.122	1.155	1.185	1.178	1.113	1.117	1.125	5.39
6)	Aniline	1.859	2.043	2.122	2.128	2.140	2.041	2.062	2.056	4.69
7) S	Phenol-d6	1.374	1.583	1.625	1.632	1.625	1.546	1.550	1.562	5.79
8)	2-Chlorophenol	1.307	1.429	1.452	1.478	1.474	1.410	1.422	1.424	4.08
9)	Benzaldehyde	0.741	0.888	0.854	0.844	0.756	0.681	0.598	0.766	13.57
10) C	Phenol	1.508	1.672	1.702	1.711	1.722	1.634	1.653	1.657	4.43
11)	bis(2-Chloroet...	1.289	1.358	1.369	1.387	1.372	1.308	1.305	1.341	2.94
12)	1,3-Dichlorobe...	1.524	1.583	1.581	1.614	1.609	1.522	1.521	1.565	2.66
13) C	1,4-Dichlorobe...	1.590	1.629	1.632	1.659	1.652	1.562	1.571	1.613	2.41
14)	1,2-Dichlorobe...	1.510	1.581	1.550	1.577	1.572	1.496	1.499	1.541	2.48
15)	Benzyl Alcohol	0.823	1.017	1.118	1.154	1.168	1.131	1.157	1.081	11.53
16)	2,2'-oxybis(1-...	1.414	1.458	1.466	1.472	1.449	1.387	1.381	1.433	2.64
17)	2-Methylphenol	0.960	1.152	1.205	1.212	1.226	1.171	1.185	1.159	7.87
18)	Hexachloroethane	0.487	0.545	0.560	0.580	0.582	0.560	0.566	0.554	5.82
19) P	n-Nitroso-di-n...	0.856	1.010	1.083	1.080	1.074	1.030	1.039	1.025	7.73
20)	3+4-Methylphenols	1.327	1.589	1.666	1.674	1.693	1.623	1.651	1.603	7.91
21) I	Naphthalene-d8	-----ISTD-----								
22)	Acetophenone	0.455	0.504	0.505	0.510	0.505	0.474	0.478	0.490	4.33
23) S	Nitrobenzene-d5	0.269	0.318	0.338	0.343	0.342	0.322	0.326	0.323	7.88
24)	Nitrobenzene	0.307	0.349	0.359	0.365	0.365	0.347	0.350	0.349	5.71
25)	Isophorone	0.532	0.628	0.687	0.695	0.692	0.658	0.675	0.652	8.88
26) C	2-Nitrophenol	0.152	0.176	0.182	0.186	0.179	0.183	0.176	0.176	7.15
27)	2,4-Dimethylph...	0.268	0.313	0.320	0.319	0.320	0.303	0.307	0.307	6.00
28)	bis(2-Chloroet...	0.377	0.396	0.405	0.404	0.402	0.380	0.381	0.392	3.18
29) C	2,4-Dichloroph...	0.236	0.289	0.307	0.309	0.312	0.295	0.299	0.293	8.99
30)	1,2,4-Trichlor...	0.321	0.331	0.331	0.337	0.333	0.317	0.317	0.327	2.47
31)	Naphthalene	1.063	1.075	1.060	1.069	1.065	0.998	0.996	1.047	3.29
32)	Benzoic acid	0.141	0.183	0.192	0.196	0.202	0.262	0.196	0.196	19.79
33)	4-Chloroaniline	0.388	0.428	0.451	0.445	0.451	0.424	0.435	0.432	5.10
34) C	Hexachlorobuta...	0.191	0.192	0.196	0.199	0.199	0.190	0.188	0.194	2.42
35)	Caprolactam	0.079	0.100	0.096	0.098	0.098	0.108	0.097	0.097	9.83
36) C	4-Chloro-3-met...	0.268	0.325	0.349	0.345	0.346	0.332	0.344	0.330	8.68
37)	2-Methylnaphth...	0.724	0.740	0.737	0.733	0.721	0.681	0.687	0.718	3.32

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38) I	Acenaphthene-d10	-----ISTD-----								
39)	1,2,4,5-Tetrac...	0.622	0.651	0.658	0.671	0.664	0.626	0.608	0.643	3.73
40) P	Hexachlorocycl...		0.306	0.350	0.376	0.387	0.370	0.363	0.359	8.02
41) S	2,4,6-Tribromo...	0.165	0.195	0.213	0.206	0.207	0.202	0.209	0.200	8.23
42) C	2,4,6-Trichlor...	0.326	0.404	0.436	0.451	0.454	0.433	0.432	0.419	10.55
43)	2,4,5-Trichlor...	0.352	0.428	0.463	0.465	0.473	0.454	0.451	0.441	9.48
44) S	2-Fluorobiphenyl	1.549	1.553	1.517	1.513	1.477	1.371	1.296	1.468	6.65
45)	1,1'-Biphenyl	1.817	1.833	1.818	1.824	1.794	1.690	1.639	1.774	4.33
46)	2-Chloronaphth...	1.300	1.330	1.323	1.335	1.336	1.261	1.233	1.303	3.12
47)	2-Nitroaniline		0.272	0.324	0.332	0.340	0.331	0.339	0.323	8.01
48)	Acenaphthylene	2.033	2.218	2.261	2.246	2.248	2.119	2.079	2.172	4.28
49)	Dimethylphthalate	1.582	1.666	1.725	1.669	1.673	1.610	1.612	1.648	2.97
50)	2,6-Dinitrotol...	0.263	0.338	0.367	0.361	0.364	0.353	0.362	0.344	10.80
51) C	Acenaphthene	1.309	1.298	1.282	1.276	1.266	1.196	1.183	1.259	3.92
52)	3-Nitroaniline	0.249	0.334	0.377	0.372	0.380	0.368	0.383	0.352	13.69
53) P	2,4-Dinitrophenol		0.108	0.157	0.165	0.180	0.182	0.201	0.165	19.35
54)	Dibenzofuran	1.911	1.870	1.859	1.831	1.821	1.725	1.707	1.818	4.15
55) P	4-Nitrophenol		0.241	0.293	0.290	0.300	0.297	0.323	0.291	9.32
56)	2,4-Dinitrotol...	0.313	0.421	0.481	0.468	0.478	0.466	0.494	0.446	14.09
57)	Fluorene	1.615	1.595	1.572	1.517	1.482	1.398	1.369	1.507	6.37
58)	2,3,4,6-Tetrac...	0.276	0.338	0.355	0.351	0.354	0.343	0.354	0.339	8.40
59)	Diethylphthalate	1.514	1.609	1.703	1.631	1.632	1.590	1.647	1.618	3.57
60)	4-Chlorophenyl...	0.854	0.807	0.786	0.757	0.747	0.702	0.681	0.762	7.85
61)	4-Nitroaniline		0.311	0.364	0.354	0.367	0.364	0.396	0.359	7.74
62)	Azobenzene	1.131	1.277	1.331	1.302	1.302	1.258	1.278	1.269	5.14
63) I	Phenanthrene-d10	-----ISTD-----								
64)	4,6-Dinitro-2-...		0.096	0.117	0.124	0.129	0.126	0.132	0.121	11.05
65) c	n-Nitrosodiphe...	0.588	0.659	0.653	0.669	0.658	0.615	0.584	0.632	5.68
66)	4-Bromophenyl-...	0.200	0.219	0.221	0.229	0.224	0.212	0.205	0.216	4.83
67)	Hexachlorobenzene	0.229	0.234	0.236	0.240	0.239	0.225	0.219	0.232	3.31
68)	Atrazine	0.157	0.198	0.214	0.213	0.208	0.198	0.193	0.197	9.80
69) C	Pentachlorophenol		0.107	0.131	0.138	0.141	0.136	0.141	0.132	9.66
70)	Phenanthrene	1.186	1.179	1.150	1.140	1.125	1.053	1.022	1.122	5.54
71)	Anthracene	1.083	1.157	1.158	1.145	1.147	1.074	1.041	1.115	4.27
72)	Carbazole	0.903	1.002	1.012	0.999	0.998	0.937	0.950	0.972	4.27
73)	Di-n-butylphth...	0.844	1.080	1.205	1.203	1.230	1.178	1.209	1.136	12.11
74) C	Fluoranthene	1.214	1.185	1.189	1.164	1.162	1.081	1.107	1.157	4.08
75) I	Chrysene-d12	-----ISTD-----								
76)	Benzidine		0.525	0.693	0.696	0.679	0.634	0.617	0.641	10.15
77)	Pyrene	1.395	1.378	1.472	1.407	1.423	1.362	1.381	1.403	2.61
78) S	Terphenyl-d14	0.912	0.870	0.887	0.851	0.832	0.791	0.794	0.848	5.41
79)	Butylbenzylphth...		0.428	0.535	0.544	0.572	0.559	0.603	0.540	11.05
80)	Benzo(a)anthra...	1.166	1.209	1.232	1.230	1.240	1.162	1.156	1.199	3.07
81)	3,3'-Dichlorob...	0.271	0.380	0.418	0.418	0.421	0.390	0.374	0.382	13.81
82)	Chrysene	1.202	1.191	1.165	1.162	1.166	1.099	1.092	1.154	3.69

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83)	Bis(2-ethylhex...	0.636	0.750	0.762	0.781	0.745	0.770	0.741	7.13
84) c	Di-n-octyl pht...	0.981	1.183	1.269	1.325	1.274	1.311	1.224	10.52
85)	Indeno(1,2,3-c...	1.042	1.223	1.222	1.307	1.335	1.236	1.123	8.38
86) I	Perylene-d12	-----ISTD-----							
87)	Benzo(b)fluora...	1.158	1.193	1.286	1.232	1.260	1.190	1.190	3.74
88)	Benzo(k)fluora...	1.202	1.196	1.188	1.213	1.209	1.141	1.158	2.29
89) C	Benzo(a)pyrene	1.061	1.134	1.177	1.181	1.188	1.128	1.136	3.85
90)	Dibenzo(a,h)an...	1.025	1.121	1.145	1.167	1.181	1.110	1.066	4.98
91)	Benzo(g,h,i)pe...	1.025	1.116	1.143	1.178	1.204	1.134	1.097	5.17

(#) = Out of Range