

Method Path : Z:\HPCHEM1\BNA_F\METHODS\
 Method File : 8270-BF060515.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Fri Jun 12 16:20:49 2015
 Response Via : Initial Calibration

Calibration Files

2.5 =BF079738.D 10 =BF079739.D 25 =BF079740.D 40 =BF079741.D 50 =BF079742.D 60 =BF079743.D 80 =BF079744.D

	Compound	2.5	10	25	40	50	60	80	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----								
2)	1,4-Dioxane	0.512	0.503	0.535	0.522	0.530	0.535	0.561	0.528	3.56
3)	Pyridine	1.418	1.337	1.455	1.613	1.560	1.301	1.655	1.477	9.23
4)	n-Nitrosodimet...	0.633	0.679	0.590	0.610	0.640	0.694	0.641		6.18
5) S	2-Fluorophenol	1.193	1.208	1.193	1.190	1.201	1.184	1.184	1.193	0.74
6)	Aniline	2.333	2.344	2.223	2.232	2.210	2.150	2.166	2.237	3.38
7) S	Phenol-d6	1.409	1.477	1.554	1.541	1.622	1.611	1.575	1.541	4.91
8)	2-Chlorophenol	1.277	1.302	1.269	1.276	1.304	1.303	1.311	1.292	1.33
9)	Benzaldehyde	1.007	1.030	1.030	0.996	1.007	0.986	0.931	0.998	3.38
10) C	Phenol	1.516	1.621	1.691	1.699	1.765	1.765	1.687	1.678	5.17
11)	bis(2-Chloroet...	1.378	1.375	1.342	1.289	1.277	1.236	1.209	1.301	5.13
12)	1,3-Dichlorobe...	1.630	1.636	1.593	1.597	1.613	1.610	1.641	1.617	1.18
13) C	1,4-Dichlorobe...	1.758	1.754	1.731	1.707	1.701	1.688	1.672	1.716	1.92
14)	1,2-Dichlorobe...	1.540	1.635	1.639	1.575	1.628	1.596	1.608	1.603	2.24
15)	Benzyl Alcohol	1.207	1.228	1.263	1.247	1.346	1.314	1.310	1.274	3.98
16)	2,2'-oxybis(1-...	2.080	1.992	1.965	1.915	1.961	1.939	1.920	1.968	2.87
17)	2-Methylphenol	1.148	1.242	1.237	1.169	1.215	1.211	1.211	1.205	2.85
18)	Hexachloroethane	0.507	0.493	0.500	0.480	0.501	0.494	0.514	0.499	2.20
19) P	n-Nitroso-di-n...	1.130	1.170	1.086	1.030	1.017	1.014	1.038	1.069	5.71
20)	3+4-Methylphenols	1.478	1.578	1.534	1.538	1.542	1.531	1.547	1.535	1.95
21) I	Naphthalene-d8	-----ISTD-----								
22)	Acetophenone	0.466	0.510	0.505	0.480	0.461	0.468	0.450	0.477	4.71
23) S	Nitrobenzene-d5	0.278	0.315	0.335	0.337	0.330	0.346	0.339	0.326	7.10
24)	Nitrobenzene	0.260	0.296	0.322	0.325	0.341	0.356	0.376	0.325	11.87
25)	Isophorone	0.652	0.710	0.675	0.649	0.642	0.651	0.676	0.665	3.59
26) C	2-Nitrophenol	0.115	0.127	0.135	0.139	0.148	0.157	0.137		10.90
27)	2,4-Dimethylph...	0.285	0.335	0.326	0.305	0.296	0.308	0.301	0.308	5.60
28)	bis(2-Chloroet...	0.374	0.421	0.423	0.400	0.408	0.423	0.429	0.411	4.68
29) C	2,4-Dichloroph...	0.233	0.271	0.285	0.274	0.280	0.291	0.300	0.276	7.73
30)	1,2,4-Trichlor...	0.315	0.351	0.350	0.333	0.327	0.337	0.336	0.335	3.75
31)	Naphthalene	1.044	1.064	1.080	1.013	1.016	1.059	1.068	1.049	2.46
32)	Benzoic acid	0.062	0.104	0.120	0.115	0.133	0.143	0.113		25.27
33)	4-Chloroaniline	0.510	0.548	0.537	0.537	0.517	0.535	0.547	0.533	2.72
34) C	Hexachlorobuta...	0.193	0.214	0.214	0.200	0.196	0.204	0.207	0.204	4.05
35)	Caprolactam	0.072	0.080	0.087	0.086	0.083	0.085	0.095	0.084	8.39
36) C	4-Chloro-3-met...	0.290	0.308	0.324	0.310	0.300	0.314	0.314	0.309	3.52
37)	2-Methylnaphth...	0.648	0.674	0.681	0.657	0.655	0.670	0.685	0.667	2.08

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38) I	Acenaphthene-d10	-----ISTD-----								
39)	1,2,4,5-Tetrac...	0.623	0.623	0.644	0.613	0.622	0.617	0.618	0.623	1.61
40) P	Hexachlorocycl...		0.216	0.255	0.268	0.283	0.286	0.299	0.268	11.10
41) S	2,4,6-Tribromo...	0.148	0.168	0.195	0.202	0.205	0.205	0.217	0.191	12.85
42) C	2,4,6-Trichlor...	0.403	0.403	0.419	0.412	0.416	0.412	0.434	0.414	2.62
43)	2,4,5-Trichlor...	0.402	0.423	0.430	0.434	0.458	0.441	0.463	0.436	4.77
44) S	2-Fluorobiphenyl	1.538	1.546	1.523	1.437	1.443	1.412	1.434	1.476	3.84
45)	1,1'-Biphenyl	1.796	1.765	1.777	1.700	1.718	1.701	1.723	1.740	2.23
46)	2-Chloronaphth...	1.502	1.467	1.456	1.358	1.379	1.372	1.411	1.421	3.89
47)	2-Nitroaniline		0.226	0.277	0.285	0.314	0.331	0.356	0.298	15.40
48)	Acenaphthylene	2.378	2.444	2.426	2.295	2.285	2.271	2.342	2.349	2.96
49)	Dimethylphthalate	1.439	1.506	1.579	1.480	1.578	1.559	1.642	1.541	4.49
50)	2,6-Dinitrotol...		0.187	0.228	0.239	0.270	0.263	0.298	0.247	15.44
51) C	Acenaphthene	1.375	1.383	1.342	1.287	1.313	1.301	1.310	1.330	2.79
52)	3-Nitroaniline		0.247	0.311	0.315	0.346	0.350	0.383	0.325	14.23
53) P	2,4-Dinitrophenol		0.034	0.054	0.060	0.066	0.074	0.085	0.062	28.33
54)	Dibenzofuran	1.978	1.926	1.937	1.875	1.831	1.801	1.840	1.884	3.42
55) P	4-Nitrophenol		0.198	0.233	0.240	0.244	0.254	0.290	0.243	12.18
56)	2,4-Dinitrotol...		0.194	0.280	0.293	0.310	0.322	0.362	0.293	19.20
57)	Fluorene	1.682	1.704	1.706	1.556	1.616	1.555	1.594	1.630	4.08
58)	2,3,4,6-Tetrac...	0.248	0.324	0.362	0.373	0.379	0.390	0.394	0.353	14.64
59)	Diethylphthalate	1.509	1.522	1.497	1.419	1.551	1.455	1.594	1.507	3.86
60)	4-Chlorophenyl...	0.718	0.746	0.767	0.729	0.744	0.715	0.754	0.739	2.61
61)	4-Nitroaniline		0.248	0.296	0.308	0.337	0.351	0.395	0.323	15.64
62)	Azobenzene	1.487	1.438	1.559	1.520	1.593	1.494	1.566	1.522	3.53
63) I	Phenanthrene-d10	-----ISTD-----								
64)	4,6-Dinitro-2-...		0.032	0.043	0.045	0.052	0.062	0.069	0.050	26.91
65) c	n-Nitrosodiphe...	0.638	0.686	0.692	0.650	0.649	0.676	0.685	0.668	3.23
66)	4-Bromophenyl-...	0.199	0.232	0.214	0.219	0.218	0.222	0.212	0.217	4.67
67)	Hexachlorobenzene	0.240	0.237	0.255	0.230	0.235	0.248	0.259	0.244	4.46
68)	Atrazine	0.174	0.184	0.229	0.193	0.197	0.211	0.216	0.201	9.56
69) C	Pentachlorophenol		0.079	0.092	0.109	0.104	0.114	0.128	0.104	16.56
70)	Phenanthrene	1.180	1.161	1.221	1.136	1.124	1.208	1.168	1.171	3.03
71)	Anthracene	1.116	1.152	1.164	1.136	1.179	1.189	1.146	1.155	2.18
72)	Carbazole	1.105	1.131	1.124	1.054	1.068	1.100	1.099	1.097	2.53
73)	Di-n-butylphth...	1.187	1.205	1.339	1.185	1.211	1.281	1.300	1.244	4.97
74) C	Fluoranthene	1.240	1.267	1.326	1.267	1.257	1.274	1.344	1.282	2.95
75) I	Chrysene-d12	-----ISTD-----								
76)	Benzidine	0.648	0.609	0.644	0.601	0.640	0.668	0.608	0.631	4.01
77)	Pyrene	1.205	1.272	1.289	1.209	1.240	1.208	1.161	1.226	3.58
78) S	Terphenyl-d14	0.929	0.911	0.902	0.856	0.845	0.878	0.792	0.873	5.35
79)	Butylbenzylphth...	0.428	0.467	0.491	0.485	0.516	0.518	0.517	0.489	6.78
80)	Benzo(a)anthra...	1.261	1.235	1.247	1.192	1.206	1.234	1.195	1.224	2.18
81)	3,3'-Dichlorob...	0.379	0.397	0.429	0.413	0.434	0.431	0.427	0.416	4.96
82)	Chrysene	1.156	1.130	1.156	1.093	1.126	1.149	1.113	1.132	2.09

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83)	Bis(2-ethylhex...	0.742	0.740	0.801	0.750	0.830	0.784	0.760	0.772	4.38
84) c	Di-n-octyl pht...	1.383	1.315	1.428	1.307	1.397	1.366	1.325	1.360	3.37
85)	Indeno(1,2,3-c...	1.368	1.264	1.297	1.263	1.320	1.325	1.335	1.310	2.91
86) I	Perylene-d12	-----ISTD-----								
87)	Benzo(b)fluora...	1.341	1.205	1.220	1.173	1.292	1.281	1.185	1.242	5.07
88)	Benzo(k)fluora...	1.194	1.246	1.264	1.204	1.076	1.124	1.234	1.192	5.75
89) C	Benzo(a)pyrene	1.221	1.146	1.146	1.122	1.117	1.126	1.151	1.147	3.09
90)	Dibenzo(a,h)an...	1.255	1.082	1.099	1.064	1.063	1.085	1.101	1.107	6.04
91)	Benzo(g,h,i)pe...	1.258	1.159	1.138	1.092	1.104	1.096	1.164	1.144	5.06

(#) = Out of Range