

Method Path : Z:\HPCHEM1\BNA_F\METHODS\
 Method File : 8270-BF070115.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Thu Jul 02 13:33:16 2015
 Response Via : Initial Calibration

Calibration Files

2.5 =BF080273.D 10 =BF080274.D 25 =BF080275.D 40 =BF080276.D 50 =BF080277.D 60 =BF080278.D 80 =BF080279.D

	Compound	2.5	10	25	40	50	60	80	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----								
2)	1,4-Dioxane	0.313	0.157	0.113	0.096	0.083	0.070	0.139	65.26	
3)	Pyridine	1.360	1.528	1.501	1.297	1.542	1.349	1.429	7.44	
4)	n-Nitrosodimet...	0.506	0.680	0.625	0.658	0.674	0.657	0.656	0.637	9.45
5) S	2-Fluorophenol	1.155	1.209	1.184	1.104	1.170	1.134	1.128	1.155	3.12
6)	Aniline	1.913	2.102	2.094	1.996	2.093	2.131	2.185	2.073	4.37
7) S	Phenol-d6	1.597	1.693	1.618	1.442	1.455	1.485	1.562	1.550	6.04
8)	2-Chlorophenol	1.205	1.300	1.297	1.176	1.265	1.299	1.337	1.269	4.56
9)	Benzaldehyde	0.891	1.005	0.966	0.729	0.842	0.776	0.722	0.847	13.25
10) C	Phenol	1.631	1.882	1.790	1.618	1.652	1.643	1.786	1.715	6.03
11)	bis(2-Chloroet...	1.294	1.382	1.405	1.301	1.310	1.172	1.216	1.297	6.39
12)	1,3-Dichlorobe...	1.614	1.555	1.572	1.430	1.549	1.545	1.575	1.549	3.71
13) C	1,4-Dichlorobe...	1.523	1.650	1.617	1.481	1.544	1.473	1.506	1.542	4.38
14)	1,2-Dichlorobe...	1.488	1.633	1.628	1.464	1.561	1.475	1.473	1.532	4.88
15)	Benzyl Alcohol	1.063	1.193	1.274	1.177	1.247	1.216	1.186	1.194	5.64
16)	2,2'-oxybis(1-...	1.980	2.128	2.086	1.888	1.995	1.927	1.926	1.990	4.43
17)	2-Methylphenol	1.075	1.214	1.174	1.065	1.062	1.016	1.071	1.097	6.41
18)	Hexachloroethane	0.459	0.494	0.493	0.465	0.493	0.474	0.491	0.481	3.12
19) P	n-Nitroso-di-n...	1.043	1.173	1.098	0.964	0.950	0.937	1.052	1.031	8.40
20)	3+4-Methylphenols	1.359	1.506	1.510	1.416	1.438	1.464	1.504	1.457	3.88
21) I	Naphthalene-d8	-----ISTD-----								
22)	Acetophenone	0.452	0.463	0.489	0.466	0.479	0.482	0.439	0.467	3.82
23) S	Nitrobenzene-d5	0.342	0.389	0.359	0.341	0.359	0.378	0.374	0.363	5.05
24)	Nitrobenzene	0.374	0.399	0.404	0.388	0.375	0.350	0.347	0.377	5.94
25)	Isophorone	0.724	0.716	0.734	0.697	0.723	0.701	0.646	0.706	4.17
26) C	2-Nitrophenol	0.135	0.162	0.176	0.168	0.169	0.171	0.170	0.164	8.26
27)	2,4-Dimethylph...	0.284	0.326	0.311	0.294	0.290	0.306	0.302	0.302	4.68
28)	bis(2-Chloroet...	0.409	0.433	0.432	0.403	0.430	0.441	0.417	0.424	3.29
29) C	2,4-Dichloroph...	0.249	0.295	0.292	0.279	0.278	0.280	0.280	0.279	5.32
30)	1,2,4-Trichlor...	0.341	0.347	0.327	0.315	0.319	0.315	0.314	0.325	4.12
31)	Naphthalene	1.001	1.075	1.036	0.954	1.028	1.027	1.010	1.019	3.61
32)	Benzoic acid	0.003	0.035	0.053	0.083	0.103	0.137	0.069	70.29	
33)	4-Chloroaniline	0.427	0.454	0.447	0.416	0.429	0.433	0.419	0.432	3.23
34) C	Hexachlorobuta...	0.196	0.223	0.214	0.196	0.203	0.203	0.200	0.205	4.93
35)	Caprolactam	0.078	0.090	0.089	0.080	0.090	0.085	0.081	0.085	6.01
36) C	4-Chloro-3-met...	0.293	0.319	0.324	0.300	0.306	0.292	0.278	0.302	5.33
37)	2-Methylnaphth...	0.733	0.774	0.733	0.668	0.666	0.662	0.648	0.698	6.89

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38) I	Acenaphthene-d10	-----ISTD-----								
39)	1,2,4,5-Tetrac...	0.652	0.708	0.689	0.644	0.675	0.653	0.638	0.666	3.91
40) P	Hexachlorocycl...		0.128	0.191	0.217	0.254	0.248	0.267	0.217	23.88
41) S	2,4,6-Tribromo...	0.168	0.187	0.192	0.186	0.202	0.198	0.199	0.190	6.16
42) C	2,4,6-Trichlor...	0.381	0.434	0.431	0.402	0.443	0.435	0.423	0.421	5.22
43)	2,4,5-Trichlor...	0.418	0.430	0.450	0.422	0.484	0.484	0.490	0.454	6.97
44) S	2-Fluorobiphenyl	1.369	1.446	1.415	1.334	1.436	1.386	1.341	1.390	3.21
45)	1,1'-Biphenyl	1.663	1.708	1.730	1.589	1.754	1.733	1.729	1.701	3.36
46)	2-Chloronaphth...	1.282	1.343	1.333	1.261	1.329	1.312	1.357	1.317	2.61
47)	2-Nitroaniline	0.310	0.341	0.380	0.360	0.415	0.418	0.427	0.379	11.65
48)	Acenaphthylene	2.237	2.487	2.390	2.214	2.289	2.204	2.183	2.286	4.92
49)	Dimethylphthalate	1.444	1.544	1.632	1.524	1.634	1.501	1.417	1.528	5.49
50)	2,6-Dinitrotol...	0.252	0.286	0.302	0.295	0.337	0.355	0.360	0.312	12.62
51) C	Acenaphthene	1.331	1.358	1.342	1.251	1.306	1.303	1.323	1.316	2.62
52)	3-Nitroaniline	0.279	0.325	0.357	0.345	0.392	0.414	0.395	0.358	13.02
53) P	2,4-Dinitrophenol		0.012	0.060	0.070	0.097	0.110	0.125	0.079	51.94
54)	Dibenzofuran	1.896	1.986	1.909	1.721	1.843	1.799	1.851	1.858	4.56
55) P	4-Nitrophenol		0.229	0.265	0.242	0.261	0.284	0.308	0.265	10.77
56)	2,4-Dinitrotol...	0.324	0.398	0.422	0.410	0.410	0.414	0.458	0.405	10.02
57)	Fluorene	1.488	1.601	1.539	1.478	1.601	1.547	1.533	1.541	3.14
58)	2,3,4,6-Tetrac...	0.315	0.343	0.354	0.341	0.379	0.372	0.371	0.354	6.33
59)	Diethylphthalate	1.414	1.472	1.397	1.316	1.516	1.521	1.529	1.452	5.49
60)	4-Chlorophenyl...	0.712	0.720	0.710	0.661	0.715	0.674	0.685	0.697	3.32
61)	4-Nitroaniline	0.349	0.386	0.373	0.334	0.354	0.388	0.364	0.364	5.48
62)	Azobenzene	1.432	1.614	1.547	1.445	1.501	1.430	1.488	1.494	4.55
63) I	Phenanthrene-d10	-----ISTD-----								
64)	4,6-Dinitro-2-...		0.033	0.068	0.070	0.086	0.101	0.121	0.080	37.92
65) c	n-Nitrosodiphe...	0.693	0.685	0.715	0.622	0.618	0.619	0.648	0.657	6.11
66)	4-Bromophenyl-...	0.218	0.202	0.219	0.203	0.214	0.224	0.233	0.216	5.21
67)	Hexachlorobenzene	0.238	0.217	0.243	0.212	0.233	0.232	0.247	0.232	5.60
68)	Atrazine	0.212	0.191	0.208	0.192	0.217	0.203	0.168	0.199	8.45
69) C	Pentachlorophenol		0.066	0.108	0.103	0.114	0.123	0.129	0.107	20.70
70)	Phenanthrene	1.236	1.261	1.273	1.142	1.169	1.150	1.157	1.198	4.71
71)	Anthracene	1.201	1.140	1.234	1.065	1.113	1.151	1.144	1.150	4.79
72)	Carbazole	1.143	1.091	1.114	0.988	1.053	1.066	1.071	1.075	4.56
73)	Di-n-butylphth...	1.037	1.142	1.305	1.125	1.105	1.124	1.237	1.153	7.73
74) C	Fluoranthene	1.303	1.250	1.293	1.201	1.202	1.175	1.241	1.238	3.90
75) I	Chrysene-d12	-----ISTD-----								
76)	Benzidine	0.542	0.610	0.652	0.543	0.592	0.584	0.577	0.586	6.58
77)	Pyrene	1.300	1.320	1.318	1.215	1.239	1.256	1.313	1.280	3.34
78) S	Terphenyl-d14	0.896	0.908	0.929	0.831	0.827	0.817	0.768	0.854	6.83
79)	Butylbenzylphth...	0.433	0.475	0.506	0.465	0.512	0.525	0.520	0.491	6.92
80)	Benzo(a)anthra...	1.252	1.244	1.244	1.148	1.220	1.174	1.177	1.209	3.44
81)	3,3'-Dichlorob...	0.371	0.390	0.415	0.377	0.406	0.405	0.398	0.395	4.05
82)	Chrysene	1.132	1.169	1.150	1.079	1.112	1.079	1.080	1.114	3.34

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83)	Bis(2-ethylhex...	0.633	0.675	0.708	0.670	0.701	0.717	0.733	0.691	4.94
84) c	Di-n-octyl pht...	1.054	1.119	1.192	1.119	1.217	1.212	1.236	1.164	5.79
85)	Indeno(1,2,3-c...	1.531	1.160	1.193	1.137	1.226	1.236	1.287	1.253	10.56
86) I	Perylene-d12	-----ISTD-----								
87)	Benzo(b)fluora...	1.415	1.245	1.266	1.248	1.143	1.212	1.315	1.263	6.73
88)	Benzo(k)fluora...	1.287	1.294	1.222	0.982	1.211	1.239	1.094	1.190	9.50
89) C	Benzo(a)pyrene	1.294	1.120	1.170	1.067	1.101	1.161	1.146	1.151	6.29
90)	Dibenzo(a,h)an...	1.389	1.046	1.040	0.949	1.000	1.065	1.072	1.080	13.21
91)	Benzo(g,h,i)pe...	1.374	1.112	1.111	1.015	1.051	1.105	1.119	1.127	10.27

(#) = Out of Range