

Method Path : Z:\HPCHEM1\BNA_F\METHODS\
 Method File : 8270-BF092415.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Fri Sep 25 06:02:49 2015
 Response Via : Initial Calibration

Calibration Files

2.5 =BF081769.D 10 =BF081770.D 25 =BF081771.D 40 =BF081772.D 50 =BF081773.D 60 =BF081774.D 80 =BF081775.D

	Compound	2.5	10	25	40	50	60	80	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----								
2)	1,4-Dioxane	0.693	0.555	0.595	0.556	0.577	0.557	0.563	0.585	8.48
3)	Pyridine	1.864	1.629	1.669	1.563	1.614	1.585	1.630	1.651	6.06
4)	n-Nitrosodimet...	0.928	0.744	0.766	0.746	0.765	0.740	0.764	0.779	8.55
5) S	2-Fluorophenol	1.455	1.177	1.210	1.188	1.184	1.063	0.999	1.182	12.11
6)	Aniline	2.786	2.203	2.233	2.120	2.146	2.074	2.108	2.239	11.06
7) S	Phenol-d6	1.703	1.644	1.505	1.450	1.395	1.418	1.351	1.495	8.82
8)	2-Chlorophenol	1.484	1.295	1.440	1.256	1.225	1.171	1.248	1.303	8.89
9)	Benzaldehyde	1.164	0.988	0.991	0.829	0.818	0.726	0.672	0.884	19.49
10) C	Phenol	1.990	1.971	1.630	1.798	1.503	1.588	1.678	1.737	10.88
11)	bis(2-Chloroet...	1.483	1.175	1.448	1.179	1.125	1.224	1.283	1.274	10.98
12)	1,3-Dichlorobe...	1.809	1.608	1.697	1.474	1.479	1.379	1.344	1.541	11.05
13) C	1,4-Dichlorobe...	1.740	1.568	1.702	1.563	1.569	1.435	1.340	1.560	8.94
14)	1,2-Dichlorobe...	1.865	1.587	1.491	1.272	1.285	1.309	1.348	1.451	14.92
15)	Benzyl Alcohol	1.345	1.221	1.164	1.100	1.247	1.162	1.016	1.179	8.97
16)	2,2'-oxybis(1-...	2.432	2.112	2.360	2.178	2.179	2.039	1.953	2.179	7.77
17)	2-Methylphenol	1.298	1.107	1.096	1.064	1.083	1.014	1.041	1.100	8.45
18)	Hexachloroethane	0.574	0.503	0.533	0.473	0.499	0.485	0.488	0.508	6.80
19) P	n-Nitroso-di-n...	1.197	0.973	0.983	1.011	0.928	0.926	0.960	0.997	9.36
20)	3+4-Methylphenols	1.700	1.412	1.475	1.280	1.420	1.235	1.155	1.382	13.07
21) I	Naphthalene-d8	-----ISTD-----								
22)	Acetophenone	0.532	0.464	0.465	0.384	0.430	0.435	0.361	0.439	12.92
23) S	Nitrobenzene-d5	0.309	0.276	0.330	0.288	0.299	0.302	0.318	0.303	5.94
24)	Nitrobenzene	0.325	0.344	0.329	0.343	0.388	0.339	0.301	0.338	7.81
25)	Isophorone	0.734	0.667	0.680	0.629	0.676	0.660	0.655	0.672	4.80
26) C	2-Nitrophenol	0.089	0.125	0.116	0.124	0.130	0.154	0.123		17.26
27)	2,4-Dimethylph...	0.339	0.285	0.337	0.287	0.284	0.285	0.314	0.305	8.30
28)	bis(2-Chloroet...	0.436	0.372	0.450	0.386	0.367	0.341	0.394	0.392	9.86
29) C	2,4-Dichloroph...	0.300	0.263	0.303	0.287	0.287	0.265	0.281	0.284	5.49
30)	1,2,4-Trichlor...	0.361	0.309	0.328	0.309	0.323	0.308	0.289	0.318	7.08
31)	Naphthalene	1.145	0.966	1.026	0.872	0.877	0.800	0.773	0.923	14.29
32)	Benzoic acid	0.015	0.017	0.038	0.081	0.088	0.117	0.059		70.58
33)	4-Chloroaniline	0.475	0.415	0.458	0.377	0.370	0.359	0.379	0.405	11.35
34) C	Hexachlorobuta...	0.229	0.194	0.201	0.174	0.181	0.173	0.163	0.188	11.96
35)	Caprolactam	0.070	0.068	0.078	0.078	0.078	0.080	0.078	0.076	6.22
36) C	4-Chloro-3-met...	0.334	0.257	0.312	0.245	0.286	0.301	0.254	0.284	11.81
37)	2-Methylnaphth...	0.875	0.724	0.673	0.545	0.593	0.590	0.603	0.657	17.13

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38) I	Acenaphthene-d10	-----ISTD-----								
39)	1,2,4,5-Tetrac...	0.820	0.638	0.648	0.601	0.635	0.583	0.544	0.638	13.79
40) P	Hexachlorocycl...	0.198	0.217	0.274	0.274	0.315	0.311	0.326	0.274	18.12
41) S	2,4,6-Tribromo...	0.135	0.169	0.188	0.171	0.194	0.190	0.168	0.174	11.55
42) C	2,4,6-Trichlor...	0.391	0.413	0.504	0.404	0.418	0.401	0.413	0.421	8.99
43)	2,4,5-Trichlor...	0.378	0.428	0.454	0.383	0.411	0.416	0.427	0.414	6.38
44) S	2-Fluorobiphenyl	1.530	1.484	1.077	1.060	1.055	1.105	1.218		18.44
45)	1,1'-Biphenyl	2.014	1.608	1.818	1.535	1.449	1.265	1.258	1.564	17.83
46)	2-Chloronaphth...	1.517	1.329	1.455	1.150	1.106	1.091	1.157	1.258	13.91
47)	2-Nitroaniline	0.248	0.370	0.290	0.324	0.377	0.398	0.335		17.23
48)	Acenaphthylene	2.758	2.367	2.210	1.931	2.015	1.927	1.694	2.129	16.51
49)	Dimethylphthalate	2.031	1.476	1.732	1.291	1.393	1.474	1.256	1.522	17.96
50)	2,6-Dinitrotol...	0.263	0.289	0.301	0.341	0.302	0.266	0.294		9.76
51) C	Acenaphthene	1.604	1.343	1.236	1.094	1.204	1.106	1.001	1.227	16.29
52)	3-Nitroaniline	0.230	0.261	0.388	0.305	0.378	0.367	0.301	0.319	19.17
53) P	2,4-Dinitrophenol	0.005	0.017	0.028	0.036	0.038	0.057	0.030#		59.72
54)	Dibenzofuran	2.326	2.023	1.833	1.584	1.720	1.628	1.483	1.800	16.22
55) P	4-Nitrophenol	0.145	0.198	0.248	0.233	0.227	0.268	0.220		19.73
56)	2,4-Dinitrotol...	0.252	0.349	0.362	0.429	0.355	0.363	0.352		16.25
57)	Fluorene	1.871	1.547	1.433	1.174	1.269	1.222	1.151	1.381	18.78
58)	2,3,4,6-Tetrac...	0.208	0.297	0.381	0.314	0.332	0.332	0.346	0.316	17.16
59)	Diethylphthalate	1.734	1.463	1.638	1.286	1.435	1.417	1.344	1.474	10.78
60)	4-Chlorophenyl...	0.805	0.649	0.677	0.604	0.621	0.567	0.515	0.634	14.54
61)	4-Nitroaniline	0.248	0.240	0.315	0.327	0.327	0.353	0.356	0.310	15.20
62)	Azobenzene	1.830	1.461	1.607	1.457	1.526	1.386	1.282	1.507	11.64
63) I	Phenanthrene-d10	-----ISTD-----								
64)	4,6-Dinitro-2-...	0.010	0.024	0.041	0.042	0.054	0.065	0.040		50.59
65) c	n-Nitrosodiphe...	0.875	0.667	0.744	0.608	0.599	0.620	0.607	0.674	15.17
66)	4-Bromophenyl-...	0.258	0.219	0.223	0.223	0.228	0.216	0.192	0.223	8.79
67)	Hexachlorobenzene	0.275	0.222	0.261	0.233	0.226	0.205	0.205	0.232	11.54
68)	Atrazine	0.232	0.191	0.236	0.205	0.179	0.177	0.191	0.202	11.95
69) C	Pentachlorophenol	0.031	0.053	0.089	0.110	0.123	0.128	0.130	0.095	41.27#
70)	Phenanthrene	1.518	1.215	1.172	1.077	1.106	1.035	0.881	1.143	17.22
71)	Anthracene	1.425	1.174	1.239	1.018	0.958	0.921	0.977	1.102	16.74
72)	Carbazole	1.277	1.102	1.008	0.945	1.007	0.976	0.845	1.023	13.29
73)	Di-n-butylphth...	1.547	1.352	1.291	1.123	1.127	1.123	1.154	1.245	12.99
74) C	Fluoranthene	1.465	1.236	1.194	1.019	1.047	1.098	1.004	1.152	14.19
75) I	Chrysene-d12	-----ISTD-----								
76)	Benzidine	0.762	0.688	0.767	0.609	0.687	0.647	0.592	0.679	10.10
77)	Pyrene	1.842	1.496	1.362	1.272	1.538	1.584	1.461	1.508	12.04
78) S	Terphenyl-d14	1.151	0.895	0.856	0.717	0.790	0.832	0.888	0.876	15.55
79)	Butylbenzylphth...	0.505	0.511	0.568	0.549	0.638	0.724	0.711	0.601	15.11
80)	Benzo(a)anthra...	1.447	1.166	1.206	1.047	1.183	1.247	1.193	1.213	9.94
81)	3,3'-Dichlorob...	0.381	0.350	0.416	0.352	0.377	0.410	0.410	0.385	7.17
82)	Chrysene	1.374	1.149	1.047	1.016	1.223	1.243	1.090	1.163	10.82

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83)	Bis(2-ethylhex...	0.673	0.646	0.736	0.701	0.778	0.802	0.764	0.729	7.90
84) c	Di-n-octyl pht...	0.960	0.868	1.025	1.027	1.170	1.258	1.193	1.072	13.05
85)	Indeno(1,2,3-c...	1.147	0.924	0.978	0.928	1.149	1.113	1.215	1.065	11.15
86) I	Perylene-d12	-----ISTD-----								
87)	Benzo(b)fluora...	1.302	1.142	1.355	1.161	1.174	1.119	1.048	1.186	9.00
88)	Benzo(k)fluora...	1.339	1.208	1.114	1.029	1.122	1.145	1.040	1.142	9.28
89) C	Benzo(a)pyrene	1.200	1.066	1.115	1.014	1.047	1.034	1.020	1.071	6.19
90)	Dibenzo(a,h)an...	1.254	1.096	1.132	1.022	1.156	1.042	1.109	1.116	6.91
91)	Benzo(g,h,i)pe...	1.288	1.092	1.138	1.059	1.197	1.102	1.179	1.151	6.75

(#) = Out of Range