

Method Path : Z:\HPCHEM1\BNA_F\METHODS\
 Method File : 8270-BF112715.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Fri Nov 27 19:11:49 2015
 Response Via : Initial Calibration

Calibration Files

2.5 =BF083329.D 10 =BF083330.D 25 =BF083331.D 40 =BF083332.D 50 =BF083333.D 60 =BF083334.D 80 =BF083335.D

	Compound	2.5	10	25	40	50	60	80	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----								
2)	1,4-Dioxane	0.034	0.022	0.003	0.053			0.028	74.86	
3)	Pyridine	1.376	1.597	1.841	1.649	1.800	1.925	1.895	1.726	11.39
4)	n-Nitrosodimet...	0.863	0.841	0.798	0.845	0.889	0.888	0.958	0.869	5.76
5) S	2-Fluorophenol	1.448	1.377	1.397	1.367	1.303	1.392	1.314	1.371	3.64
6)	Aniline	2.731	2.416	2.484	2.398	2.420	2.408	2.328	2.455	5.29
7) S	Phenol-d6	2.194	1.844	1.735	1.785	1.672	1.668	1.693	1.799	10.32
8)	2-Chlorophenol	1.676	1.485	1.509	1.474	1.369	1.412	1.388	1.473	7.03
9)	Benzaldehyde	1.250	1.102	1.043	0.869	0.819	0.796	0.706	0.941	20.72
10) C	Phenol	2.459	2.237	2.120	2.158	2.045	1.992	2.193	2.172	7.00
11)	bis(2-Chloroet...	1.867	1.603	1.596	1.534	1.544	1.577	1.518	1.605	7.45
12)	1,3-Dichlorobe...	1.814	1.601	1.667	1.633	1.573	1.563	1.497	1.621	6.22
13) C	1,4-Dichlorobe...	1.885	1.703	1.734	1.678	1.660	1.649	1.512	1.689	6.60
14)	1,2-Dichlorobe...	1.853	1.649	1.557	1.433	1.481	1.497	1.411	1.555	9.89
15)	Benzyl Alcohol	1.485	1.477	1.366	1.424	1.318	1.293	1.350	1.388	5.46
16)	2,2'-oxybis(1-...	3.176	2.814	2.742	2.686	2.717	2.760	2.583	2.783	6.75
17)	2-Methylphenol	1.312	1.158	1.228	1.220	1.170	1.142	1.205	1.205	4.74
18)	Hexachloroethane	0.694	0.614	0.599	0.577	0.569	0.579	0.584	0.602	7.17
19) P	n-Nitroso-di-n...	1.424	1.249	1.325	1.251	1.230	1.178	1.240	1.271	6.32
20)	3+4-Methylphenols	1.822	1.668	1.663	1.603	1.529	1.509	1.613	1.629	6.42
21) I	Naphthalene-d8	-----ISTD-----								
22)	Acetophenone	0.653	0.586	0.603	0.575	0.556	0.573	0.596	0.592	5.26
23) S	Nitrobenzene-d5	0.504	0.459	0.471	0.442	0.417	0.431	0.446	0.453	6.29
24)	Nitrobenzene	0.515	0.485	0.518	0.441	0.503	0.509	0.433	0.486	7.26
25)	Isophorone	0.956	0.875	0.871	0.838	0.841	0.842	0.882	0.872	4.72
26) C	2-Nitrophenol	0.202	0.199	0.213	0.191	0.194	0.196	0.215	0.201	4.75
27)	2,4-Dimethylph...	0.341	0.327	0.336	0.336	0.337	0.339	0.320	0.334	2.19
28)	bis(2-Chloroet...	0.493	0.474	0.560	0.477	0.455	0.461	0.532	0.493	7.87
29) C	2,4-Dichloroph...	0.320	0.333	0.341	0.301	0.310	0.313	0.316	0.319	4.33
30)	1,2,4-Trichlor...	0.370	0.335	0.360	0.340	0.340	0.354	0.335	0.348	3.92
31)	Naphthalene	1.288	1.137	1.159	1.010	0.984	1.014	1.074	1.095	9.83
32)	Benzoic acid	0.126	0.121	0.167	0.157	0.190	0.190	0.209	0.166	20.30
33)	4-Chloroaniline	0.490	0.442	0.468	0.465	0.464	0.449	0.402	0.454	6.08
34) C	Hexachlorobuta...	0.220	0.199	0.208	0.188	0.191	0.194	0.194	0.199	5.57
35)	Caprolactam	0.091	0.086	0.089	0.093	0.099	0.083	0.094	0.091	5.68
36) C	4-Chloro-3-met...	0.381	0.349	0.363	0.322	0.353	0.346	0.330	0.349	5.59
37)	2-Methylnaphth...	0.778	0.695	0.736	0.700	0.704	0.705	0.634	0.707	6.14

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38) I	Acenaphthene-d10	-----ISTD-----								
39)	1,2,4,5-Tetrac...	0.681	0.652	0.663	0.603	0.642	0.635	0.669	0.649	3.99
40) P	Hexachlorocycl...	0.157	0.217	0.285	0.290	0.334	0.345	0.343	0.282	25.27
41) S	2,4,6-Tribromo...	0.188	0.183	0.190	0.183	0.182	0.170	0.200	0.185	5.00
42) C	2,4,6-Trichlor...	0.444	0.429	0.480	0.444	0.451	0.446	0.450	0.449	3.40
43)	2,4,5-Trichlor...	0.458	0.428	0.458	0.454	0.470	0.470	0.468	0.458	3.22
44) S	2-Fluorobiphenyl	1.609	1.462	1.590	1.316	1.247	1.243	1.341	1.401	10.99
45)	1,1'-Biphenyl	2.032	1.886	1.782	1.582	1.798	1.790	1.519	1.770	9.84
46)	2-Chloronaphth...	1.445	1.350	1.481	1.262	1.280	1.267	1.349	1.348	6.48
47)	2-Nitroaniline	0.529	0.520	0.512	0.467	0.573	0.516	0.491	0.515	6.38
48)	Acenaphthylene	2.308	2.148	2.315	2.056	1.951	1.882	2.061	2.103	7.89
49)	Dimethylphthalate	1.658	1.597	1.485	1.534	1.493	1.366	1.468	1.514	6.22
50)	2,6-Dinitrotol...	0.354	0.336	0.321	0.338	0.324	0.324	0.387	0.340	6.92
51) C	Acenaphthene	1.286	1.230	1.337	1.211	1.133	1.110	1.276	1.226	6.73
52)	3-Nitroaniline	0.386	0.385	0.389	0.355	0.395	0.393	0.424	0.390	5.20
53) P	2,4-Dinitrophenol	0.025	0.054	0.100	0.118	0.159	0.144	0.160	0.109	48.27
54)	Dibenzofuran	1.964	1.833	1.949	1.680	1.597	1.540	1.684	1.750	9.59
55) P	4-Nitrophenol	0.125	0.171	0.184	0.213	0.234	0.215	0.254	0.199	21.60
56)	2,4-Dinitrotol...	0.445	0.433	0.396	0.434	0.405	0.385	0.455	0.422	6.29
57)	Fluorene	1.676	1.485	1.433	1.414	1.368	1.337	1.202	1.417	10.27
58)	2,3,4,6-Tetrac...	0.366	0.355	0.374	0.342	0.355	0.326	0.375	0.356	4.92
59)	Diethylphthalate	1.493	1.514	1.497	1.329	1.568	1.390	1.340	1.447	6.47
60)	4-Chlorophenyl...	0.734	0.670	0.681	0.635	0.660	0.640	0.579	0.657	7.25
61)	4-Nitroaniline	0.375	0.357	0.328	0.354	0.406	0.307	0.383	0.359	9.32
62)	Azobenzene	1.971	1.874	1.870	1.674	1.901	1.671	1.764	1.818	6.40
63) I	Phenanthrene-d10	-----ISTD-----								
64)	4,6-Dinitro-2-...	0.048	0.082	0.128	0.116	0.138	0.136	0.150	0.114	31.80
65) c	n-Nitrosodiphe...	0.761	0.731	0.821	0.676	0.729	0.725	0.640	0.726	7.97
66)	4-Bromophenyl-...	0.238	0.213	0.252	0.231	0.205	0.227	0.214	0.226	7.19
67)	Hexachlorobenzene	0.282	0.261	0.260	0.233	0.250	0.247	0.233	0.252	6.86
68)	Atrazine	0.230	0.205	0.201	0.206	0.185	0.176	0.197	0.200	8.55
69) C	Pentachlorophenol	0.070	0.084	0.118	0.118	0.133	0.131	0.127	0.111	21.94
70)	Phenanthrene	1.344	1.232	1.290	1.171	1.029	1.085	1.094	1.178	9.86
71)	Anthracene	1.383	1.313	1.282	1.091	1.181	1.123	1.047	1.203	10.44
72)	Carbazole	1.143	1.059	1.027	0.954	1.036	0.961	0.899	1.011	7.98
73)	Di-n-butylphth...	1.336	1.243	1.179	1.177	1.264	1.127	1.140	1.209	6.19
74) C	Fluoranthene	1.250	1.215	1.111	1.042	1.035	0.965	1.014	1.090	9.79
75) I	Chrysene-d12	-----ISTD-----								
76)	Benzidine	0.809	0.747	0.737	0.638	0.745	0.564	0.687	0.704	11.58
77)	Pyrene	1.829	1.809	1.689	1.535	1.679	1.336	1.690	1.652	10.29
78) S	Terphenyl-d14	1.158	1.122	1.027	0.838	0.994	0.716	1.010	0.981	15.83
79)	Butylbenzylpht...	0.611	0.606	0.597	0.538	0.693	0.514	0.745	0.615	13.22
80)	Benzo(a)anthra...	1.343	1.244	1.304	1.179	1.296	1.157	1.337	1.266	5.88
81)	3,3'-Dichlorob...	0.357	0.362	0.452	0.405	0.403	0.410	0.405	0.399	8.08
82)	Chrysene	1.335	1.213	1.242	1.006	1.262	1.032	1.301	1.198	10.78

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83)	Bis(2-ethylhex...	0.711	0.699	0.821	0.750	0.839	0.779	0.864	0.781	8.17
84) c	Di-n-octyl pht...	1.063	1.074	1.497	1.311	1.186	1.408	1.340	1.268	13.09
85)	Indeno(1,2,3-c...	1.134	1.280	1.698	1.472	1.155	1.543	1.483	1.395	15.11
86) I	Perylene-d12	-----ISTD-----								
87)	Benzo(b)fluora...	1.205	1.240	1.164	0.983	2.339	1.282	1.264	1.354	32.93
88)	Benzo(k)fluora...	1.329	1.076	1.132	1.090	0.901	0.866	0.852	1.035	16.76
89) C	Benzo(a)pyrene	1.197	1.086	1.163	1.041	1.064	1.019	1.048	1.088	6.12
90)	Dibenzo(a,h)an...	1.288	1.265	1.326	1.179	1.162	1.156	1.169	1.221	5.75
91)	Benzo(g,h,i)pe...	1.297	1.264	1.305	1.193	1.201	1.176	1.209	1.235	4.26

(#) = Out of Range