

Method Path : Z:\HPCHEM1\BNA_F\METHODS\
 Method File : 8270-BF070615.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Tue Jul 07 03:05:40 2015
 Response Via : Initial Calibration

Calibration Files

2.5 =BF080342.D 10 =BF080343.D 25 =BF080344.D 40 =BF080349.D 50 =BF080346.D 60 =BF080347.D 80 =BF080348.D

	Compound	2.5	10	25	40	50	60	80	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----								
2)	1,4-Dioxane	0.491	0.551	0.514	0.521	0.508	0.512	0.512	0.516	3.53
3)	Pyridine	1.016	1.294	1.347	1.249	1.446	1.312	1.521	1.312	12.24
4)	n-Nitrosodimet...	0.489	0.580	0.609	0.616	0.660	0.679	0.683	0.617	11.08
5) S	2-Fluorophenol	1.073	1.086	1.080	1.086	1.084	1.116	1.120	1.092	1.68
6)	Aniline	1.957	1.971	1.940	2.006	1.996	2.078	2.082	2.004	2.80
7) S	Phenol-d6	1.317	1.567	1.473	1.392	1.403	1.479	1.502	1.448	5.71
8)	2-Chlorophenol	1.238	1.216	1.277	1.269	1.263	1.286	1.311	1.266	2.46
9)	Benzaldehyde	0.825	0.940	0.887	0.804	0.758	0.742	0.680	0.805	11.00
10) C	Phenol	1.433	1.676	1.562	1.501	1.490	1.600	1.726	1.570	6.69
11)	bis(2-Chloroet...	1.183	1.292	1.268	1.126	1.118	1.109	1.193	1.184	6.16
12)	1,3-Dichlorobe...	1.563	1.596	1.574	1.566	1.500	1.552	1.527	1.554	2.05
13) C	1,4-Dichlorobe...	1.388	1.508	1.460	1.438	1.421	1.469	1.476	1.451	2.72
14)	1,2-Dichlorobe...	1.452	1.561	1.532	1.463	1.442	1.452	1.380	1.469	4.10
15)	Benzyl Alcohol	1.043	1.139	1.187	1.154	1.139	1.120	1.061	1.120	4.55
16)	2,2'-oxybis(1-...	1.925	1.898	1.923	1.885	1.842	1.932	1.998	1.915	2.51
17)	2-Methylphenol	0.883	0.987	0.986	0.975	0.965	1.007	1.065	0.981	5.54
18)	Hexachloroethane	0.428	0.476	0.460	0.473	0.460	0.478	0.489	0.466	4.22
19) P	n-Nitroso-di-n...	0.840	0.967	0.896	0.936	0.942	0.995	0.998	0.939	6.02
20)	3+4-Methylphenols	1.301	1.322	1.358	1.396	1.391	1.402	1.403	1.368	3.04
21) I	Naphthalene-d8	-----ISTD-----								
22)	Acetophenone	0.471	0.469	0.485	0.481	0.452	0.453	0.419	0.461	4.89
23) S	Nitrobenzene-d5	0.300	0.333	0.334	0.362	0.346	0.365	0.361	0.343	6.76
24)	Nitrobenzene	0.317	0.381	0.363	0.341	0.325	0.329	0.354	0.344	6.66
25)	Isophorone	0.620	0.703	0.695	0.671	0.649	0.639	0.644	0.660	4.65
26) C	2-Nitrophenol	0.118	0.141	0.147	0.158	0.153	0.158	0.169	0.149	10.80
27)	2,4-Dimethylph...	0.245	0.293	0.293	0.294	0.296	0.308	0.324	0.293	8.26
28)	bis(2-Chloroet...	0.401	0.457	0.441	0.417	0.397	0.384	0.370	0.410	7.57
29) C	2,4-Dichloroph...	0.226	0.267	0.259	0.265	0.256	0.268	0.283	0.260	6.71
30)	1,2,4-Trichlor...	0.306	0.320	0.309	0.312	0.294	0.305	0.321	0.309	3.02
31)	Naphthalene	1.023	1.040	1.021	1.047	1.004	1.031	1.014	1.026	1.47
32)	Benzoic acid	0.073	0.113	0.159	0.155	0.170	0.190	0.143		29.79
33)	4-Chloroaniline	0.370	0.444	0.432	0.405	0.407	0.417	0.387	0.409	6.17
34) C	Hexachlorobuta...	0.182	0.196	0.193	0.191	0.180	0.190	0.187	0.188	3.03
35)	Caprolactam	0.066	0.076	0.081	0.082	0.078	0.088	0.092	0.080	10.40
36) C	4-Chloro-3-met...	0.244	0.287	0.274	0.267	0.254	0.263	0.291	0.269	6.38
37)	2-Methylnaphth...	0.618	0.685	0.650	0.665	0.633	0.654	0.673	0.654	3.51

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38) I	Acenaphthene-d10	-----ISTD-----								
39)	1,2,4,5-Tetrac...	0.624	0.670	0.658	0.645	0.612	0.621	0.607	0.634	3.81
40) P	Hexachlorocycl...		0.149	0.205	0.232	0.228	0.254	0.273	0.223	19.40
41) S	2,4,6-Tribromo...	0.185	0.212	0.224	0.219	0.218	0.215	0.190	0.209	7.35
42) C	2,4,6-Trichlor...	0.395	0.397	0.422	0.443	0.418	0.420	0.428	0.418	4.07
43)	2,4,5-Trichlor...	0.450	0.485	0.507	0.501	0.498	0.500	0.466	0.487	4.36
44) S	2-Fluorobiphenyl	1.602	1.591	1.590	1.509	1.440	1.398	1.245	1.482	8.88
45)	1,1'-Biphenyl	1.818	1.896	1.882	1.794	1.742	1.715	1.579	1.775	6.15
46)	2-Chloronaphth...	1.296	1.338	1.335	1.402	1.365	1.384	1.355	1.354	2.57
47)	2-Nitroaniline	0.312	0.364	0.404	0.401	0.399	0.407	0.365	0.379	9.11
48)	Acenaphthylene	2.108	2.420	2.291	2.273	2.216	2.224	2.240	2.253	4.18
49)	Dimethylphthalate	1.708	1.804	1.691	1.515	1.473	1.466	1.584	1.606	8.16
50)	2,6-Dinitrotol...		0.311	0.350	0.350	0.343	0.346	0.314	0.336	5.44
51) C	Acenaphthene	1.221	1.385	1.369	1.379	1.346	1.348	1.392	1.349	4.37
52)	3-Nitroaniline	0.315	0.362	0.406	0.407	0.410	0.393	0.356	0.378	9.42
53) P	2,4-Dinitrophenol		0.058	0.113	0.130	0.132	0.134	0.151	0.120	27.24
54)	Dibenzofuran	1.906	1.993	1.947	1.913	1.864	1.856	1.944	1.918	2.51
55) P	4-Nitrophenol	0.206	0.251	0.267	0.308	0.304	0.313	0.292	0.277	14.05
56)	2,4-Dinitrotol...		0.357	0.412	0.447	0.455	0.448	0.471	0.432	9.58
57)	Fluorene	1.657	1.654	1.720	1.704	1.667	1.641	1.514	1.651	4.04
58)	2,3,4,6-Tetrac...	0.346	0.382	0.396	0.409	0.400	0.394	0.402	0.390	5.38
59)	Diethylphthalate	1.520	1.610	1.780	1.647	1.635	1.560	1.476	1.604	6.19
60)	4-Chlorophenyl...	0.744	0.704	0.749	0.749	0.717	0.706	0.746	0.731	2.85
61)	4-Nitroaniline	0.272	0.365	0.359	0.408	0.402	0.415	0.349	0.367	13.43
62)	Azobenzene	1.351	1.529	1.517	1.590	1.521	1.525	1.630	1.523	5.73
63) I	Phenanthrene-d10	-----ISTD-----								
64)	4,6-Dinitro-2-...		0.066	0.093	0.112	0.120	0.126	0.118	0.106	21.41
65) c	n-Nitrosodiphe...	0.591	0.606	0.619	0.649	0.646	0.668	0.682	0.637	5.20
66)	4-Bromophenyl-...	0.210	0.234	0.237	0.233	0.237	0.235	0.217	0.229	4.82
67)	Hexachlorobenzene	0.237	0.230	0.246	0.244	0.254	0.247	0.225	0.240	4.28
68)	Atrazine	0.185	0.214	0.195	0.191	0.201	0.190	0.151	0.190	10.24
69) C	Pentachlorophenol		0.093	0.118	0.114	0.123	0.131	0.134	0.119	12.41
70)	Phenanthrene	1.165	1.271	1.254	1.150	1.192	1.234	1.131	1.200	4.52
71)	Anthracene	1.132	1.129	1.198	1.209	1.179	1.208	1.179	1.176	2.86
72)	Carbazole	1.100	1.149	1.079	1.083	1.127	1.107	1.034	1.097	3.37
73)	Di-n-butylphth...	1.145	1.258	1.261	1.271	1.293	1.309	1.247	1.255	4.22
74) C	Fluoranthene	1.300	1.300	1.276	1.275	1.298	1.320	1.254	1.289	1.71
75) I	Chrysene-d12	-----ISTD-----								
76)	Benzidine		0.437	0.499	0.537	0.533	0.533	0.505	0.507	7.46
77)	Pyrene	1.157	1.200	1.262	1.238	1.211	1.225	1.175	1.210	2.98
78) S	Terphenyl-d14	0.866	0.873	0.913	0.856	0.877	0.824	0.793	0.857	4.54
79)	Butylbenzylphth...	0.392	0.419	0.494	0.529	0.513	0.495	0.538	0.483	11.54
80)	Benzo(a)anthra...	1.174	1.241	1.233	1.233	1.197	1.191	1.168	1.205	2.51
81)	3,3'-Dichlorob...	0.326	0.385	0.407	0.430	0.414	0.423	0.413	0.400	8.88
82)	Chrysene	1.103	1.118	1.145	1.182	1.124	1.134	1.088	1.128	2.70

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83)	Bis(2-ethylhex...	0.570	0.668	0.773	0.817	0.787	0.758	0.779	0.736	11.78
84) c	Di-n-octyl pht...	0.902	1.093	1.242	1.330	1.291	1.297	1.353	1.215	13.38
85)	Indeno(1,2,3-c...	1.158	1.273	1.322	1.394	1.339	1.407	1.389	1.326	6.62
86) I	Perylene-d12	-----ISTD-----								
87)	Benzo(b)fluora...	1.247	1.219	1.215	1.346	1.203	1.250	1.318	1.257	4.34
88)	Benzo(k)fluora...	1.048	1.277	1.287	1.130	1.235	1.162	1.189	1.190	7.16
89) C	Benzo(a)pyrene	1.030	1.148	1.172	1.180	1.160	1.168	1.187	1.149	4.71
90)	Dibenzo(a,h)an...	1.017	1.123	1.128	1.159	1.147	1.162	1.190	1.132	4.91
91)	Benzo(g,h,i)pe...	1.026	1.123	1.152	1.180	1.152	1.203	1.199	1.148	5.30

(#) = Out of Range