

Method Path : Z:\HPCHEM1\BNA_F\METHODS\
 Method File : 8270-BF113015.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Tue Dec 01 01:17:16 2015
 Response Via : Initial Calibration

Calibration Files

2.5 =BF083339.D 10 =BF083340.D 25 =BF083341.D 40 =BF083342.D 50 =BF083343.D 60 =BF083344.D 80 =BF083345.D

	Compound	2.5	10	25	40	50	60	80	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----								
2)	1,4-Dioxane	0.854	0.833	0.692	0.693	0.691	0.622	0.666	0.722	12.09
3)	Pyridine	1.495	1.907	1.658	1.951	1.855	1.966	1.805		10.44
4)	n-Nitrosodimet...	0.741	0.790	0.883	0.972	0.937	0.914	0.983	0.889	10.31
5) S	2-Fluorophenol	1.384	1.388	1.378	1.353	1.301	1.253	1.273	1.333	4.22
6)	Aniline	2.791	2.540	2.550	2.444	2.390	2.361	2.393	2.496	6.00
7) S	Phenol-d6	2.142	1.821	1.832	1.829	1.740	1.652	1.754	1.824	8.45
8)	2-Chlorophenol	1.577	1.477	1.525	1.503	1.438	1.374	1.398	1.470	4.89
9)	Benzaldehyde	1.135	1.078	1.066	0.889	0.801	0.757	0.709	0.920	18.76
10) C	Phenol	2.333	2.253	2.226	2.169	2.217	2.055	2.112	2.195	4.20
11)	bis(2-Chloroet...	1.684	1.555	1.665	1.554	1.593	1.553	1.573	1.597	3.46
12)	1,3-Dichlorobe...	1.814	1.698	1.690	1.633	1.565	1.517	1.522	1.634	6.65
13) C	1,4-Dichlorobe...	1.815	1.761	1.763	1.701	1.623	1.591	1.570	1.689	5.66
14)	1,2-Dichlorobe...	1.785	1.632	1.574	1.460	1.462	1.467	1.468	1.550	7.98
15)	Benzyl Alcohol	1.539	1.404	1.432	1.449	1.389	1.298	1.359	1.410	5.36
16)	2,2'-oxybis(1-...	3.021	2.796	2.860	2.801	2.767	2.702	2.666	2.802	4.15
17)	2-Methylphenol	1.387	1.143	1.271	1.235	1.173	1.136	1.233	1.225	7.13
18)	Hexachloroethane	0.616	0.616	0.613	0.570	0.571	0.548	0.571	0.587	4.75
19) P	n-Nitroso-di-n...	1.298	1.273	1.369	1.351	1.293	1.187	1.357	1.304	4.85
20)	3+4-Methylphenols	1.823	1.653	1.738	1.647	1.582	1.529	1.648	1.660	5.83
21) I	Naphthalene-d8	-----ISTD-----								
22)	Acetophenone	0.634	0.628	0.602	0.600	0.590	0.559	0.576	0.598	4.44
23) S	Nitrobenzene-d5	0.492	0.465	0.477	0.442	0.428	0.426	0.455	0.455	5.46
24)	Nitrobenzene	0.502	0.489	0.500	0.471	0.511	0.500	0.428	0.486	5.83
25)	Isophorone	0.925	0.901	0.883	0.871	0.858	0.835	0.896	0.881	3.39
26) C	2-Nitrophenol	0.181	0.199	0.208	0.191	0.196	0.197	0.217	0.198	5.83
27)	2,4-Dimethylph...	0.298	0.334	0.338	0.344	0.358	0.340	0.314	0.332	6.04
28)	bis(2-Chloroet...	0.517	0.520	0.554	0.478	0.465	0.464	0.515	0.502	6.73
29) C	2,4-Dichloroph...	0.307	0.335	0.350	0.307	0.313	0.306	0.320	0.320	5.22
30)	1,2,4-Trichlor...	0.361	0.346	0.350	0.339	0.352	0.342	0.345	0.348	2.14
31)	Naphthalene	1.220	1.152	1.164	1.026	1.016	0.973	1.044	1.085	8.54
32)	Benzoic acid	0.161	0.214	0.239	0.239	0.249	0.246	0.258	0.229	14.41
33)	4-Chloroaniline	0.507	0.437	0.472	0.480	0.484	0.468	0.427	0.468	5.90
34) C	Hexachlorobuta...	0.211	0.205	0.209	0.188	0.191	0.186	0.193	0.198	5.24
35)	Caprolactam	0.083	0.095	0.110	0.102	0.099	0.109	0.108	0.101	9.83
36) C	4-Chloro-3-met...	0.356	0.366	0.377	0.345	0.374	0.357	0.335	0.359	4.27
37)	2-Methylnaphth...	0.761	0.744	0.726	0.701	0.721	0.718	0.705	0.725	2.90

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38) I	Acenaphthene-d10	-----ISTD-----								
39)	1,2,4,5-Tetrac...	0.710	0.652	0.659	0.602	0.601	0.596	0.617	0.634	6.60
40) P	Hexachlorocycl...		0.221	0.303	0.300	0.323	0.323	0.336	0.301	13.75
41) S	2,4,6-Tribromo...	0.210	0.204	0.207	0.193	0.204	0.206	0.181	0.201	5.06
42) C	2,4,6-Trichlor...	0.432	0.421	0.492	0.442	0.458	0.439	0.430	0.445	5.34
43)	2,4,5-Trichlor...	0.452	0.421	0.493	0.470	0.476	0.463	0.450	0.461	4.95
44) S	2-Fluorobiphenyl	1.603	1.458	1.586	1.310	1.279	1.276	1.312	1.403	10.28
45)	1,1'-Biphenyl	1.946	1.831	1.722	1.697	1.783	1.740	1.558	1.754	6.84
46)	2-Chloronaphth...	1.415	1.329	1.463	1.270	1.276	1.267	1.334	1.336	5.72
47)	2-Nitroaniline	0.476	0.523	0.533	0.550	0.584	0.555	0.485	0.529	7.29
48)	Acenaphthylene	2.286	2.160	2.334	2.022	2.058	2.001	2.061	2.132	6.22
49)	Dimethylphthalate	1.854	1.597	1.750	1.437	1.627	1.634	1.477	1.625	8.93
50)	2,6-Dinitrotol...	0.338	0.342	0.373	0.343	0.326	0.341	0.367	0.347	4.82
51) C	Acenaphthene	1.381	1.258	1.347	1.174	1.186	1.189	1.243	1.254	6.53
52)	3-Nitroaniline	0.394	0.407	0.423	0.426	0.381	0.388	0.429	0.407	4.84
53) P	2,4-Dinitrophenol		0.124	0.188	0.201	0.197	0.190	0.223	0.187	17.90
54)	Dibenzofuran	2.117	1.942	1.901	1.681	1.767	1.763	1.692	1.838	8.58
55) P	4-Nitrophenol		0.188	0.277	0.252	0.269	0.280	0.262	0.254	13.48
56)	2,4-Dinitrotol...	0.419	0.410	0.497	0.423	0.449	0.477	0.408	0.440	7.94
57)	Fluorene	1.609	1.518	1.618	1.352	1.311	1.329	1.421	1.451	9.02
58)	2,3,4,6-Tetrac...	0.337	0.371	0.393	0.361	0.380	0.396	0.364	0.372	5.48
59)	Diethylphthalate	1.749	1.519	1.657	1.485	1.428	1.467	1.539	1.549	7.36
60)	4-Chlorophenyl...	0.770	0.706	0.753	0.649	0.621	0.597	0.571	0.667	11.65
61)	4-Nitroaniline	0.371	0.400	0.424	0.432	0.394	0.431	0.398	0.407	5.60
62)	Azobenzene	2.064	1.861	1.986	1.879	1.832	1.776	1.703	1.872	6.52
63) I	Phenanthrene-d10	-----ISTD-----								
64)	4,6-Dinitro-2-...	0.096	0.124	0.140	0.145	0.139	0.150	0.147	0.134	13.87
65) c	n-Nitrosodiphe...	0.782	0.735	0.707	0.703	0.668	0.639	0.686	0.703	6.58
66)	4-Bromophenyl-...	0.222	0.223	0.229	0.216	0.221	0.216	0.205	0.219	3.42
67)	Hexachlorobenzene	0.258	0.242	0.251	0.238	0.242	0.236	0.227	0.242	4.21
68)	Atrazine	0.223	0.205	0.211	0.175	0.200	0.193	0.154	0.194	11.89
69) C	Pentachlorophenol	0.093	0.111	0.140	0.130	0.136	0.136	0.141	0.127	14.29
70)	Phenanthrene	1.306	1.237	1.229	1.158	1.155	1.126	1.074	1.184	6.61
71)	Anthracene	1.322	1.223	1.295	1.161	1.120	1.100	1.120	1.192	7.53
72)	Carbazole	1.128	1.086	1.169	1.039	1.001	1.011	1.059	1.071	5.74
73)	Di-n-butylphth...	1.275	1.324	1.414	1.211	1.219	1.216	1.222	1.269	6.01
74) C	Fluoranthene	1.304	1.243	1.284	1.178	1.209	1.227	1.143	1.227	4.63
75) I	Chrysene-d12	-----ISTD-----								
76)	Benzidine	0.584	0.648	0.688	0.588	0.586	0.537	0.540	0.596	9.25
77)	Pyrene	1.425	1.406	1.422	1.338	1.424	1.330	1.432	1.397	3.11
78) S	Terphenyl-d14	0.946	0.885	0.855	0.775	0.803	0.765	0.841	0.839	7.67
79)	Butylbenzylphth...	0.534	0.556	0.617	0.556	0.615	0.606	0.664	0.593	7.68
80)	Benzo(a)anthra...	1.330	1.234	1.271	1.182	1.198	1.164	1.199	1.225	4.73
81)	3,3'-Dichlorob...	0.386	0.374	0.421	0.381	0.389	0.373	0.354	0.383	5.29
82)	Chrysene	1.314	1.199	1.240	1.099	1.159	1.126	1.151	1.184	6.24

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83)	Bis(2-ethylhex...	0.776	0.740	0.865	0.740	0.790	0.798	0.856	0.795	6.31
84) c	Di-n-octyl pht...	1.055	1.076	1.318	1.179	1.185	1.213	1.259	1.184	7.92
85)	Indeno(1,2,3-c...	0.845	0.788	0.843	0.810	0.851	0.876	1.022	0.862	8.83
86) I	Perylene-d12	-----ISTD-----								
87)	Benzo(b)fluora...	1.237	1.210	1.463	1.224	1.267	1.205	1.377	1.283	7.69
88)	Benzo(k)fluora...	1.366	1.286	1.236	1.153	1.193	1.216	1.033	1.212	8.63
89) C	Benzo(a)pyrene	1.092	1.102	1.182	1.065	1.097	1.068	1.109	1.102	3.52
90)	Dibenzo(a,h)an...	0.857	0.921	0.958	0.905	0.999	0.989	1.095	0.960	8.02
91)	Benzo(g,h,i)pe...	0.870	0.879	0.914	0.875	0.985	0.970	1.103	0.943	8.97

(#) = Out of Range