

Method Path : Z:\HPCHEM1\BNA_F\METHODS\
 Method File : 8270-BF060915.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Tue Jun 09 15:11:40 2015
 Response Via : Initial Calibration

Calibration Files

2.5 =BF079825.D 10 =BF079826.D 25 =BF079827.D 40 =BF079828.D 50 =BF079829.D 60 =BF079830.D 80 =BF079831.D

	Compound	2.5	10	25	40	50	60	80	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----								
2)	1,4-Dioxane	0.577	0.536	0.559	0.536	0.547	0.574	0.555	3.27	
3)	Pyridine	1.515	1.504	1.594	1.608	1.401	1.315	1.490	7.61	
4)	n-Nitrosodimet...	0.744	0.752	0.777	0.754	0.720	0.730	0.746	2.67	
5) S	2-Fluorophenol	1.171	1.183	1.187	1.252	1.218	1.228	1.257	1.214	2.82
6)	Aniline	2.153	2.251	2.319	2.355	2.261	2.223	2.270	2.262	2.88
7) S	Phenol-d6	1.443	1.507	1.635	1.654	1.617	1.556	1.580	1.570	4.78
8)	2-Chlorophenol	1.423	1.358	1.404	1.347	1.320	1.343	1.384	1.368	2.69
9)	Benzaldehyde	0.934	0.969	0.966	0.970	0.904	0.889	0.817	0.921	6.11
10) C	Phenol	1.599	1.683	1.792	1.741	1.683	1.634	1.579	1.673	4.56
11)	bis(2-Chloroet...	1.365	1.391	1.376	1.268	1.231	1.214	1.300	1.306	5.51
12)	1,3-Dichlorobe...	1.558	1.555	1.582	1.584	1.530	1.552	1.612	1.568	1.71
13) C	1,4-Dichlorobe...	1.745	1.775	1.762	1.794	1.749	1.751	1.860	1.777	2.28
14)	1,2-Dichlorobe...	1.485	1.486	1.520	1.601	1.510	1.534	1.663	1.543	4.27
15)	Benzyl Alcohol	1.128	1.159	1.262	1.379	1.317	1.300	1.320	1.266	7.20
16)	2,2'-oxybis(1-...	1.982	2.027	2.044	2.028	1.978	1.984	2.131	2.025	2.65
17)	2-Methylphenol	1.063	1.144	1.224	1.249	1.201	1.180	1.179	1.177	5.13
18)	Hexachloroethane	0.542	0.557	0.557	0.543	0.538	0.549	0.577	0.552	2.43
19) P	n-Nitroso-di-n...	1.076	1.137	1.118	1.043	1.038	1.050	1.197	1.094	5.41
20)	3+4-Methylphenols	1.419	1.505	1.564	1.578	1.503	1.497	1.582	1.521	3.83
21) I	Naphthalene-d8	-----ISTD-----								
22)	Acetophenone	0.487	0.513	0.513	0.509	0.506	0.481	0.464	0.496	3.83
23) S	Nitrobenzene-d5	0.271	0.312	0.345	0.381	0.377	0.379	0.359	0.346	11.87
24)	Nitrobenzene	0.299	0.335	0.332	0.352	0.356	0.365	0.395	0.348	8.69
25)	Isophorone	0.746	0.776	0.736	0.712	0.700	0.679	0.703	0.722	4.58
26) C	2-Nitrophenol	0.106	0.125	0.146	0.145	0.150	0.161	0.139	0.139	14.41
27)	2,4-Dimethylph...	0.342	0.337	0.327	0.321	0.322	0.319	0.312	0.326	3.23
28)	bis(2-Chloroet...	0.420	0.405	0.413	0.452	0.452	0.454	0.464	0.437	5.40
29) C	2,4-Dichloroph...	0.262	0.255	0.272	0.287	0.282	0.287	0.298	0.278	5.51
30)	1,2,4-Trichlor...	0.353	0.335	0.351	0.369	0.357	0.362	0.372	0.357	3.48
31)	Naphthalene	1.088	1.153	1.060	1.046	1.059	1.028	1.021	1.065	4.21
32)	Benzoic acid	0.045	0.084	0.106	0.111	0.111	0.129	0.098	0.098	30.22
33)	4-Chloroaniline	0.440	0.434	0.436	0.437	0.427	0.418	0.420	0.430	1.97
34) C	Hexachlorobuta...	0.184	0.191	0.192	0.207	0.196	0.204	0.202	0.196	4.12
35)	Caprolactam	0.071	0.078	0.085	0.082	0.088	0.084	0.081	0.081	7.71
36) C	4-Chloro-3-met...	0.257	0.281	0.307	0.321	0.315	0.314	0.316	0.301	7.87
37)	2-Methylnaphth...	0.759	0.767	0.767	0.747	0.752	0.755	0.749	0.757	1.07

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38) I	Acenaphthene-d10	-----ISTD-----								
39)	1,2,4,5-Tetrac...	0.665	0.686	0.703	0.720	0.697	0.700	0.723	0.699	2.80
40) P	Hexachlorocycl...		0.275	0.316	0.328	0.356	0.353	0.376	0.334	10.75
41) S	2,4,6-Tribromo...	0.126	0.164	0.184	0.169	0.188	0.187	0.194	0.173	13.45
42) C	2,4,6-Trichlor...	0.329	0.394	0.418	0.436	0.454	0.450	0.474	0.422	11.51
43)	2,4,5-Trichlor...	0.376	0.431	0.472	0.433	0.449	0.441	0.450	0.436	6.85
44) S	2-Fluorobiphenyl	1.472	1.536	1.458	1.392	1.363	1.346	1.387	1.422	4.81
45)	1,1'-Biphenyl	1.621	1.653	1.672	1.672	1.642	1.654	1.693	1.658	1.42
46)	2-Chloronaphth...	1.366	1.439	1.382	1.328	1.298	1.329	1.335	1.354	3.42
47)	2-Nitroaniline		0.251	0.291	0.285	0.304	0.315	0.334	0.297	9.52
48)	Acenaphthylene	2.234	2.472	2.417	2.223	2.249	2.245	2.276	2.302	4.34
49)	Dimethylphthalate	1.611	1.773	1.603	1.477	1.439	1.459	1.552	1.559	7.47
50)	2,6-Dinitrotol...		0.238	0.277	0.264	0.274	0.285	0.285	0.270	6.65
51) C	Acenaphthene	1.353	1.379	1.342	1.334	1.330	1.317	1.372	1.347	1.67
52)	3-Nitroaniline		0.311	0.351	0.324	0.333	0.331	0.346	0.333	4.36
53) P	2,4-Dinitrophenol		0.047	0.058	0.067	0.065	0.068	0.077	0.064	16.30
54)	Dibenzofuran	1.812	2.001	1.883	1.880	1.859	1.859	1.909	1.886	3.11
55) P	4-Nitrophenol		0.220	0.247	0.239	0.242	0.250	0.254	0.242	5.01
56)	2,4-Dinitrotol...		0.233	0.297	0.364	0.383	0.393	0.414	0.347	19.78
57)	Fluorene	1.653	1.662	1.690	1.668	1.670	1.683	1.666	1.670	0.75
58)	2,3,4,6-Tetrac...	0.238	0.307	0.333	0.331	0.334	0.349	0.364	0.322	12.75
59)	Diethylphthalate	1.514	1.682	1.635	1.506	1.417	1.463	1.471	1.527	6.30
60)	4-Chlorophenyl...	0.684	0.772	0.735	0.697	0.718	0.716	0.737	0.723	4.02
61)	4-Nitroaniline		0.282	0.331	0.334	0.325	0.337	0.350	0.326	7.13
62)	Azobenzene	1.347	1.638	1.600	1.484	1.497	1.464	1.493	1.503	6.30
63) I	Phenanthrene-d10	-----ISTD-----								
64)	4,6-Dinitro-2-...		0.036	0.053	0.058	0.061	0.064	0.068	0.057	19.90
65) c	n-Nitrosodiphe...	0.688	0.656	0.710	0.629	0.640	0.659	0.665	0.664	4.14
66)	4-Bromophenyl-...	0.215	0.230	0.237	0.215	0.233	0.237	0.251	0.231	5.56
67)	Hexachlorobenzene	0.235	0.230	0.251	0.250	0.233	0.244	0.256	0.243	4.18
68)	Atrazine	0.159	0.159	0.187	0.192	0.211	0.210	0.202	0.188	11.77
69) C	Pentachlorophenol		0.061	0.081	0.089	0.097	0.095	0.110	0.089	18.63
70)	Phenanthrene	1.231	1.201	1.222	1.155	1.129	1.195	1.228	1.195	3.25
71)	Anthracene	1.089	1.178	1.166	1.220	1.173	1.187	1.174	1.170	3.38
72)	Carbazole	1.098	1.087	1.110	1.069	1.043	1.122	1.052	1.083	2.74
73)	Di-n-butylphth...	0.915	1.065	1.163	1.172	1.137	1.140	1.274	1.124	9.89
74) C	Fluoranthene	1.259	1.219	1.248	1.287	1.205	1.285	1.267	1.253	2.51
75) I	Chrysene-d12	-----ISTD-----								
76)	Benzidine	0.493	0.603	0.625	0.645	0.626	0.627	0.554	0.596	9.08
77)	Pyrene	1.233	1.267	1.234	1.272	1.239	1.247	1.230	1.246	1.36
78) S	Terphenyl-d14	0.921	0.934	0.887	0.896	0.865	0.843	0.863	0.887	3.70
79)	Butylbenzylphth...		0.340	0.401	0.424	0.430	0.452	0.457	0.417	10.29
80)	Benzo(a)anthra...	1.114	1.238	1.169	1.222	1.180	1.185	1.216	1.189	3.49
81)	3,3'-Dichlorob...	0.284	0.350	0.374	0.389	0.392	0.404	0.406	0.371	11.64
82)	Chrysene	1.075	1.118	1.119	1.149	1.118	1.114	1.117	1.116	1.93

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83)	Bis(2-ethylhex...	0.548	0.620	0.648	0.660	0.668	0.727	0.645	9.19
84) c	Di-n-octyl pht...	0.781	0.945	1.015	1.031	1.083	1.158	1.002	12.95
85)	Indeno(1,2,3-c...	0.924	1.107	1.162	1.235	1.215	1.281	1.325	11.32
86) I	Perylene-d12	-----ISTD-----							
87)	Benzo(b)fluora...	0.987	1.154	1.144	1.194	1.207	1.286	1.361	9.91
88)	Benzo(k)fluora...	1.161	1.223	1.338	1.352	1.276	1.194	1.169	6.31
89) C	Benzo(a)pyrene	0.909	1.125	1.154	1.174	1.158	1.156	1.199	8.68
90)	Dibenzo(a,h)an...	0.842	0.959	1.038	1.118	1.093	1.098	1.147	10.33
91)	Benzo(g,h,i)pe...	0.957	1.046	1.103	1.152	1.133	1.132	1.176	6.85

(#) = Out of Range