

Method Path : Z:\HPCHEM1\BNA_G\METHODS\
 Method File : 8270-BG042315.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Thu Apr 23 19:19:11 2015
 Response Via : Initial Calibration

Calibration Files

80 =BG016652.D 60 =BG016655.D 50 =BG016653.D 40 =BG016654.D 25 =BG016656.D 10 =BG016657.D 2.5 =BG016658.D

	Compound	80	60	50	40	25	10	2.5	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----								
2)	1,4-Dioxane	0.507	0.502	0.496	0.571	0.520	0.607	0.534	8.44	
3)	Pyridine	1.519	1.482	1.447	1.621	1.506	1.519	1.516	3.84	
4)	n-Nitrosodimet...	0.441	0.438	0.425	0.462	0.446	0.471	0.447	3.70	
5) S	2-Fluorophenol	1.214	1.171	1.192	1.308	1.233	1.281	1.229	1.232	3.89
6)	Aniline	2.378	2.325	2.302	2.558	2.327	2.488	2.218	2.371	4.89
7) S	Phenol-d6	1.734	1.685	1.700	1.865	1.711	1.810	1.598	1.729	5.04
8)	2-Chlorophenol	1.504	1.464	1.467	1.608	1.498	1.589	1.533	1.523	3.72
9)	Benzaldehyde	0.580	0.644	0.698	0.665	0.918	0.735	0.706	16.42	
10) C	Phenol	1.821	1.764	1.792	1.933	1.824	1.930	1.693	1.823	4.74
11)	bis(2-Chloroet...	1.378	1.366	1.347	1.479	1.391	1.530	1.467	1.423	4.86
12)	1,3-Dichlorobe...	1.525	1.500	1.491	1.647	1.547	1.654	1.665	1.575	4.89
13) C	1,4-Dichlorobe...	1.559	1.518	1.527	1.683	1.580	1.685	1.721	1.610	5.19
14)	1,2-Dichlorobe...	1.478	1.447	1.457	1.600	1.520	1.672	1.587	1.537	5.50
15)	Benzyl Alcohol	1.166	1.138	1.098	1.205	1.066	1.053	0.868	1.085	10.11
16)	2,2'-oxybis(1-...	1.301	1.304	1.277	1.397	1.283	1.428	1.332	1.332	4.41
17)	2-Methylphenol	1.266	1.231	1.213	1.327	1.201	1.246	1.046	1.219	7.10
18)	Hexachloroethane	0.560	0.560	0.542	0.588	0.558	0.606	0.560	0.568	3.80
19) P	n-Nitroso-di-n...	1.122	1.106	1.075	1.184	1.059	1.096	0.903	1.078	8.05
20)	3+4-Methylphenols	1.748	1.728	1.687	1.843	1.699	1.774	1.515	1.713	5.94
21) I	Naphthalene-d8	-----ISTD-----								
22)	Acetophenone	0.435	0.427	0.427	0.463	0.439	0.465	0.416	0.439	4.31
23) S	Nitrobenzene-d5	0.315	0.309	0.310	0.338	0.317	0.329	0.298	0.317	4.18
24)	Nitrobenzene	0.327	0.321	0.327	0.351	0.334	0.351	0.315	0.332	4.25
25)	Isophorone	0.667	0.645	0.656	0.712	0.649	0.677	0.585	0.656	5.91
26) C	2-Nitrophenol	0.203	0.198	0.194	0.209	0.194	0.194	0.158	0.193	8.39
27)	2,4-Dimethylph...	0.324	0.317	0.318	0.342	0.317	0.336	0.300	0.322	4.27
28)	bis(2-Chloroet...	0.388	0.384	0.383	0.417	0.390	0.420	0.389	0.396	3.93
29) C	2,4-Dichloroph...	0.284	0.274	0.275	0.297	0.274	0.281	0.231	0.274	7.44
30)	1,2,4-Trichlor...	0.284	0.279	0.275	0.302	0.287	0.311	0.293	0.290	4.42
31)	Naphthalene	1.000	0.983	1.007	1.093	1.046	1.158	1.094	1.055	5.99
32)	Benzoic acid	0.198	0.173	0.170	0.168	0.130	0.068	0.151	30.50	
33)	4-Chloroaniline	0.490	0.474	0.484	0.519	0.484	0.510	0.441	0.486	5.21
34) C	Hexachlorobuta...	0.126	0.127	0.124	0.133	0.129	0.136	0.132	0.130	3.27
35)	Caprolactam	0.163	0.146	0.158	0.169	0.148	0.148	0.101	0.148	14.98
36) C	4-Chloro-3-met...	0.327	0.311	0.317	0.347	0.319	0.337	0.269	0.318	7.80
37)	2-Methylnaphth...	0.734	0.719	0.736	0.797	0.753	0.831	0.761	0.762	5.22

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38) I	Acenaphthene-d10	-----ISTD-----								
39)	1,2,4,5-Tetrac...	0.457	0.468	0.458	0.501	0.471	0.495	0.484	0.476	3.69
40) P	Hexachlorocycl...	0.184	0.187	0.164	0.166	0.133	0.081		0.153	26.10
41) S	2,4,6-Tribromo...	0.146	0.140	0.146	0.162	0.151	0.156	0.137	0.148	5.89
42) C	2,4,6-Trichlor...	0.361	0.361	0.352	0.389	0.353	0.342	0.279	0.348	9.72
43)	2,4,5-Trichlor...	0.379	0.374	0.368	0.402	0.371	0.375	0.310	0.368	7.61
44) S	2-Fluorobiphenyl	1.097	1.161	1.163	1.312	1.243	1.373	1.365	1.245	8.73
45)	1,1'-Biphenyl	1.461	1.498	1.480	1.661	1.558	1.691	1.644	1.571	6.02
46)	2-Chloronaphth...	1.126	1.159	1.144	1.267	1.198	1.283	1.274	1.207	5.53
47)	2-Nitroaniline	0.344	0.337	0.336	0.369	0.334	0.330	0.256	0.329	10.59
48)	Acenaphthylene	1.971	1.995	2.023	2.261	2.128	2.292	2.133	2.115	6.00
49)	Dimethylphthalate	1.421	1.408	1.428	1.590	1.499	1.610	1.518	1.496	5.49
50)	2,6-Dinitrotol...	0.367	0.358	0.360	0.401	0.365	0.385	0.333	0.367	5.84
51) C	Acenaphthene	1.199	1.200	1.203	1.333	1.251	1.359	1.339	1.269	5.72
52)	3-Nitroaniline	0.454	0.437	0.452	0.501	0.455	0.455	0.351	0.444	10.25
53) P	2,4-Dinitrophenol	0.206	0.184	0.180	0.186	0.144	0.085		0.164	26.57
54)	Dibenzofuran	1.631	1.650	1.672	1.886	1.753	2.003	1.937	1.790	8.42
55) P	4-Nitrophenol	0.349	0.325	0.337	0.364	0.329	0.290		0.333	7.58
56)	2,4-Dinitrotol...	0.516	0.488	0.508	0.568	0.511	0.517	0.413	0.503	9.26
57)	Fluorene	1.446	1.441	1.489	1.656	1.573	1.721	1.630	1.565	7.01
58)	2,3,4,6-Tetrac...	0.290	0.275	0.278	0.304	0.275	0.293	0.237	0.279	7.67
59)	Diethylphthalate	1.476	1.451	1.519	1.679	1.588	1.713	1.488	1.559	6.64
60)	4-Chlorophenyl...	0.602	0.600	0.612	0.689	0.652	0.711	0.708	0.654	7.59
61)	4-Nitroaniline	0.487	0.457	0.495	0.562	0.535	0.526	0.374	0.491	12.61
62)	Azobenzene	1.366	1.345	1.381	1.529	1.419	1.527	1.401	1.424	5.26
63) I	Phenanthrene-d10	-----ISTD-----								
64)	4,6-Dinitro-2-...	0.149	0.142	0.137	0.146	0.132	0.106		0.135	11.41
65) c	n-Nitrosodiphe...	0.647	0.676	0.659	0.720	0.686	0.728	0.684	0.686	4.32
66)	4-Bromophenyl-...	0.162	0.165	0.158	0.176	0.163	0.181	0.165	0.167	5.00
67)	Hexachlorobenzene	0.165	0.168	0.164	0.178	0.171	0.185	0.173	0.172	4.40
68)	Atrazine	0.165	0.176	0.184	0.196	0.202	0.189	0.177	0.184	6.92
69) C	Pentachlorophenol	0.095	0.088	0.089	0.092	0.080	0.057		0.083	16.83
70)	Phenanthrene	1.020	1.063	1.077	1.199	1.160	1.283	1.240	1.149	8.57
71)	Anthracene	1.037	1.070	1.087	1.206	1.162	1.263	1.174	1.143	7.07
72)	Carbazole	1.040	1.060	1.086	1.212	1.201	1.281	1.135	1.145	7.83
73)	Di-n-butylphth...	1.217	1.277	1.330	1.483	1.472	1.485	1.289	1.365	8.27
74) C	Fluoranthene	1.049	1.092	1.145	1.278	1.289	1.378	1.291	1.217	10.01
75) I	Chrysene-d12	-----ISTD-----								
76)	Benzidine	0.739	0.682	0.697	0.683	0.767	0.587	0.613	0.681	9.38
77)	Pyrene	1.286	1.326	1.342	1.469	1.407	1.544	1.460	1.405	6.55
78) S	Terphenyl-d14	0.720	0.774	0.799	0.908	0.884	1.019	0.973	0.868	12.57
79)	Butylbenzylphth...	0.708	0.694	0.708	0.757	0.699	0.692	0.579	0.691	7.83
80)	Benzo(a)anthra...	1.112	1.130	1.142	1.269	1.224	1.330	1.283	1.213	7.06
81)	3,3'-Dichlorob...	0.378	0.384	0.380	0.421	0.411	0.416	0.377	0.395	4.96
82)	Chrysene	1.048	1.081	1.083	1.210	1.143	1.274	1.299	1.163	8.58

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83)	Bis(2-ethylhex...	0.937	0.941	0.945	1.033	0.951	0.958	0.818	0.940	6.71
84) c	Di-n-octyl pht...	1.512	1.550	1.576	1.736	1.604	1.624	1.361	1.566	7.33
85)	Indeno(1,2,3-c...	1.245	1.232	1.228	1.324	1.253	1.327	1.262	1.267	3.27
86) I	Perylene-d12	-----ISTD-----								
87)	Benzo(b)fluora...	1.167	1.149	1.185	1.267	1.209	1.275	1.251	1.215	4.14
88)	Benzo(k)fluora...	1.041	1.115	1.107	1.260	1.199	1.353	1.224	1.186	8.92
89) C	Benzo(a)pyrene	1.079	1.090	1.102	1.203	1.144	1.228	1.167	1.145	5.05
90)	Dibenzo(a,h)an...	1.054	1.073	1.074	1.179	1.120	1.190	1.103	1.113	4.79
91)	Benzo(g,h,i)pe...	1.096	1.097	1.089	1.190	1.114	1.197	1.145	1.133	4.01

(#) = Out of Range