

Method Path : Z:\HPCHEM1\BNA_G\METHODS\
 Method File : 8270-BG101617.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Mon Oct 16 17:32:15 2017
 Response Via : Initial Calibration

Calibration Files

2.5 =BG029268.D 10 =BG029269.D 25 =BG029270.D 40 =BG029271.D 50 =BG029272.D 60 =BG029273.D 80 =BG029274.D

	Compound	2.5	10	25	40	50	60	80	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----								
2)	1,4-Dioxane	0.498	0.495	0.477	0.525	0.451	0.481	0.473	0.486	4.81
3)	Pyridine	1.451	1.376	1.381	1.547	1.376	1.401	1.369	1.415	4.59
4)	n-Nitrosodimet...	0.697	0.626	0.641	0.710	0.628	0.668	0.659	0.661	4.95
5) S	2-Fluorophenol	1.251	1.164	1.184	1.303	1.151	1.172	1.155	1.197	4.81
6)	Aniline	2.141	2.039	2.036	2.290	2.000	2.052	2.008	2.081	4.95
7) S	Phenol-d6	1.748	1.652	1.660	1.852	1.615	1.646	1.589	1.680	5.38
8)	2-Chlorophenol	1.447	1.373	1.344	1.471	1.323	1.346	1.302	1.372	4.62
9)	Benzaldehyde	1.013	0.917	0.923	0.779	0.764	0.676	0.845	14.88	
10) C	Phenol	1.876	1.806	1.773	1.987	1.728	1.780	1.733	1.812	5.07
11)	bis(2-Chloroet...	1.283	1.310	1.315	1.465	1.266	1.319	1.282	1.320	5.08
12)	1,3-Dichlorobe...	1.644	1.523	1.508	1.659	1.475	1.494	1.481	1.541	5.03
13) C	1,4-Dichlorobe...	1.666	1.547	1.537	1.709	1.499	1.541	1.511	1.573	5.14
14)	1,2-Dichlorobe...	1.679	1.517	1.484	1.631	1.422	1.463	1.425	1.517	6.63
15)	Benzyl Alcohol	1.166	1.122	1.173	1.287	1.164	1.194	1.184	1.184	4.28
16)	2,2'-oxybis(1-...	2.307	2.192	2.211	2.435	2.146	2.207	2.195	2.242	4.37
17)	2-Methylphenol	1.265	1.180	1.170	1.320	1.165	1.172	1.153	1.204	5.25
18)	Hexachloroethane	0.532	0.516	0.526	0.585	0.524	0.538	0.531	0.536	4.21
19) P	n-Nitroso-di-n...	1.199	1.110	1.120	1.239	1.101	1.129	1.101	1.143	4.75
20)	3+4-Methylphenols	1.737	1.648	1.663	1.851	1.638	1.687	1.646	1.696	4.50
21) I	Naphthalene-d8	-----ISTD-----								
22)	Acetophenone	0.513	0.485	0.478	0.510	0.462	0.466	0.461	0.482	4.54
23) S	Nitrobenzene-d5	0.303	0.303	0.315	0.341	0.314	0.312	0.314	0.315	3.97
24)	Nitrobenzene	0.349	0.338	0.357	0.382	0.348	0.351	0.352	0.354	3.84
25)	Isophorone	0.672	0.628	0.646	0.708	0.644	0.650	0.651	0.657	3.90
26) C	2-Nitrophenol	0.144	0.150	0.169	0.188	0.174	0.177	0.182	0.169	9.59
27)	2,4-Dimethylph...	0.310	0.308	0.307	0.324	0.299	0.298	0.296	0.306	3.16
28)	bis(2-Chloroet...	0.423	0.392	0.398	0.430	0.395	0.392	0.391	0.403	4.01
29) C	2,4-Dichloroph...	0.333	0.320	0.324	0.348	0.320	0.321	0.317	0.326	3.32
30)	1,2,4-Trichlor...	0.372	0.351	0.349	0.373	0.339	0.343	0.341	0.353	4.05
31)	Naphthalene	1.090	1.009	0.993	1.055	0.951	0.951	0.929	0.997	5.93
32)	Benzoic acid	0.195	0.221	0.253	0.290	0.270	0.282	0.283	0.256	13.98
33)	4-Chloroaniline	0.424	0.412	0.424	0.447	0.408	0.413	0.408	0.419	3.34
34) C	Hexachlorobuta...	0.234	0.216	0.217	0.233	0.210	0.212	0.212	0.219	4.51
35)	Caprolactam	0.097	0.107	0.109	0.115	0.109	0.112	0.110	0.108	5.11
36) C	4-Chloro-3-met...	0.369	0.358	0.360	0.382	0.348	0.349	0.346	0.359	3.62
37)	2-Methylnaphth...	0.780	0.719	0.727	0.770	0.704	0.699	0.686	0.726	4.95

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38) I	Acenaphthene-d10	-----ISTD-----								
39)	1,2,4,5-Tetrac...	0.785	0.727	0.721	0.779	0.697	0.709	0.694	0.730	5.11
40) P	Hexachlorocycl...		0.177	0.226	0.271	0.256	0.271	0.279	0.247	15.78
41) S	2,4,6-Tribromo...	0.240	0.251	0.255	0.284	0.259	0.262	0.257	0.258	5.29
42) C	2,4,6-Trichlor...	0.456	0.443	0.455	0.498	0.448	0.459	0.450	0.458	3.97
43)	2,4,5-Trichlor...	0.446	0.459	0.477	0.511	0.465	0.472	0.465	0.471	4.34
44) S	2-Fluorobiphenyl	1.543	1.399	1.375	1.454	1.282	1.280	1.212	1.364	8.38
45)	1,1'-Biphenyl	1.839	1.745	1.710	1.848	1.644	1.644	1.604	1.719	5.62
46)	2-Chloronaphth...	1.337	1.266	1.241	1.347	1.201	1.204	1.181	1.254	5.30
47)	2-Nitroaniline	0.269	0.317	0.348	0.389	0.361	0.366	0.361	0.344	11.56
48)	Acenaphthylene	2.090	1.994	1.964	2.106	1.883	1.890	1.811	1.962	5.60
49)	Dimethylphthalate	1.586	1.558	1.560	1.699	1.525	1.509	1.486	1.560	4.47
50)	2,6-Dinitrotol...	0.256	0.307	0.331	0.372	0.337	0.344	0.343	0.327	11.25
51) C	Acenaphthene	1.307	1.268	1.273	1.391	1.255	1.280	1.164	1.277	5.28
52)	3-Nitroaniline	0.302	0.339	0.354	0.395	0.358	0.366	0.358	0.353	8.00
53) P	2,4-Dinitrophenol		0.094	0.132	0.167	0.164	0.176	0.182	0.153	21.92
54)	Dibenzofuran	1.975	1.868	1.817	1.952	1.727	1.746	1.674	1.823	6.31
55) P	4-Nitrophenol	0.228	0.269	0.295	0.326	0.304	0.313	0.302	0.291	11.25
56)	2,4-Dinitrotol...	0.338	0.401	0.450	0.502	0.466	0.473	0.470	0.443	12.55
57)	Fluorene	1.578	1.576	1.517	1.613	1.446	1.437	1.373	1.506	5.92
58)	2,3,4,6-Tetrac...	0.371	0.386	0.387	0.434	0.389	0.392	0.391	0.393	4.95
59)	Diethylphthalate	1.589	1.561	1.555	1.685	1.503	1.511	1.483	1.555	4.38
60)	4-Chlorophenyl...	0.836	0.813	0.788	0.865	0.772	0.784	0.762	0.803	4.64
61)	4-Nitroaniline	0.329	0.348	0.368	0.397	0.365	0.369	0.362	0.362	5.77
62)	Azobenzene	1.345	1.321	1.309	1.406	1.278	1.280	1.242	1.311	4.06
63) I	Phenanthrene-d10	-----ISTD-----								
64)	4,6-Dinitro-2-...		0.074	0.096	0.116	0.110	0.116	0.120	0.105	16.64
65) c	n-Nitrosodiphe...	0.637	0.602	0.598	0.641	0.582	0.574	0.559	0.599	5.17
66)	4-Bromophenyl-...	0.235	0.224	0.226	0.246	0.225	0.226	0.224	0.229	3.54
67)	Hexachlorobenzene	0.274	0.260	0.259	0.276	0.252	0.250	0.250	0.260	4.20
68)	Atrazine	0.222	0.220	0.220	0.235	0.209	0.200	0.190	0.214	7.04
69) C	Pentachlorophenol	0.113	0.134	0.150	0.169	0.161	0.158	0.160	0.149	12.95
70)	Phenanthrene	1.121	1.059	1.039	1.101	0.996	0.975	0.942	1.033	6.38
71)	Anthracene	1.106	1.059	1.049	1.116	1.001	0.987	0.944	1.037	6.11
72)	Carbazole	1.060	1.032	1.000	1.073	0.962	0.942	0.907	0.997	6.25
73)	Di-n-butylphth...	1.157	1.167	1.170	1.242	1.129	1.107	1.052	1.146	5.15
74) C	Fluoranthene	1.279	1.238	1.215	1.303	1.175	1.154	1.096	1.208	6.01
75) I	Chrysene-d12	-----ISTD-----								
76)	Benzidine		0.734	0.638	0.662	0.550	0.541	0.499	0.604	14.71
77)	Pyrene	1.330	1.254	1.229	1.288	1.149	1.153	1.090	1.213	7.07
78) S	Terphenyl-d14	1.004	0.940	0.903	0.932	0.821	0.812	0.743	0.879	10.30
79)	Butylbenzylphth...	0.525	0.510	0.522	0.553	0.504	0.510	0.495	0.517	3.61
80)	Benzo(a)anthra...	1.256	1.185	1.180	1.247	1.127	1.136	1.087	1.174	5.33
81)	3,3'-Dichlorob...	0.528	0.484	0.484	0.514	0.465	0.469	0.448	0.485	5.77
82)	Chrysene	1.240	1.139	1.118	1.184	1.070	1.081	1.040	1.125	6.22

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83)	Bis(2-ethylhex...	0.815	0.731	0.740	0.792	0.708	0.718	0.687	0.742	6.20
84) c	Di-n-octyl pht...	1.361	1.286	1.304	1.382	1.244	1.263	1.210	1.293	4.79
85)	Indeno(1,2,3-c...	1.379	1.323	1.350	1.465	1.370	1.401	1.395	1.383	3.26
86) I	Perylene-d12	-----ISTD-----								
87)	Benzo(b)fluora...	1.206	1.141	1.153	1.222	1.100	1.102	1.092	1.145	4.56
88)	Benzo(k)fluora...	1.202	1.157	1.126	1.208	1.100	1.106	1.085	1.141	4.34
89) C	Benzo(a)pyrene	1.162	1.095	1.089	1.169	1.060	1.072	1.058	1.101	4.21
90)	Dibenzo(a,h)an...	1.108	1.105	1.109	1.197	1.070	1.101	1.111	1.114	3.49
91)	Benzo(g,h,i)pe...	1.051	0.985	1.019	1.122	1.026	1.017	1.028	1.035	4.15

(#) = Out of Range