

Method Path : Z:\HPCHEM1\BNA_G\METHODS\
 Method File : 8270-BG032515.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Thu Mar 26 15:24:59 2015
 Response Via : Initial Calibration

Calibration Files

2.5 =BG016099.D 10 =BG016100.D 25 =BG016101.D 40 =BG016102.D 50 =BG016103.D 60 =BG016104.D 80 =BG016105.D

	Compound	2.5	10	25	40	50	60	80	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----								
2)	1,4-Dioxane	0.525	0.482	0.480	0.475	0.473	0.460	0.483	4.64	
3)	Pyridine	1.493	1.518	1.518	1.507	1.515	1.500	1.509	0.68	
4)	n-Nitrosodimet...	0.459	0.434	0.444	0.449	0.439	0.439	0.444	2.03	
5) S	2-Fluorophenol	1.306	1.188	1.185	1.199	1.177	1.164	1.146	1.195	4.36
6)	Aniline	2.430	2.371	2.432	2.396	2.353	2.344	2.288	2.373	2.16
7) S	Phenol-d6	1.725	1.646	1.669	1.680	1.664	1.640	1.619	1.663	2.05
8)	2-Chlorophenol	1.524	1.395	1.426	1.412	1.397	1.394	1.377	1.418	3.48
9)	Benzaldehyde	0.706	0.710	0.745	0.729	0.691	0.664	0.618	0.695	6.12
10) C	Phenol	1.885	1.781	1.828	1.844	1.832	1.828	1.798	1.828	1.81
11)	bis(2-Chloroet...	1.636	1.478	1.479	1.474	1.438	1.445	1.429	1.483	4.76
12)	1,3-Dichlorobe...	1.677	1.512	1.513	1.530	1.514	1.507	1.474	1.532	4.30
13) C	1,4-Dichlorobe...	1.702	1.588	1.597	1.584	1.556	1.558	1.543	1.590	3.35
14)	1,2-Dichlorobe...	1.611	1.494	1.517	1.489	1.464	1.485	1.460	1.503	3.41
15)	Benzyl Alcohol	1.218	1.192	1.238	1.260	1.239	1.239	1.222	1.229	1.76
16)	2,2'-oxybis(1-...	1.793	1.650	1.679	1.662	1.650	1.636	1.594	1.666	3.71
17)	2-Methylphenol	1.353	1.266	1.283	1.294	1.295	1.274	1.258	1.289	2.44
18)	Hexachloroethane	0.624	0.561	0.561	0.564	0.557	0.562	0.559	0.570	4.19
19) P	n-Nitroso-di-n...	1.309	1.194	1.231	1.207	1.206	1.197	1.186	1.219	3.48
20)	3+4-Methylphenols	1.755	1.695	1.752	1.773	1.775	1.758	1.733	1.749	1.59
21) I	Naphthalene-d8	-----ISTD-----								
22)	Acetophenone	0.490	0.452	0.440	0.446	0.444	0.443	0.435	0.450	4.08
23) S	Nitrobenzene-d5	0.345	0.324	0.320	0.320	0.319	0.318	0.312	0.323	3.24
24)	Nitrobenzene	0.373	0.348	0.340	0.343	0.345	0.344	0.338	0.347	3.38
25)	Isophorone	0.783	0.735	0.725	0.731	0.725	0.721	0.703	0.732	3.36
26) C	2-Nitrophenol	0.186	0.180	0.187	0.193	0.190	0.193	0.188	0.188	2.32
27)	2,4-Dimethylph...	0.330	0.315	0.310	0.313	0.312	0.316	0.312	0.315	2.21
28)	bis(2-Chloroet...	0.457	0.428	0.414	0.416	0.412	0.410	0.404	0.420	4.30
29) C	2,4-Dichloroph...	0.276	0.274	0.276	0.280	0.281	0.278	0.276	0.277	0.91
30)	1,2,4-Trichlor...	0.322	0.299	0.293	0.297	0.294	0.294	0.291	0.299	3.51
31)	Naphthalene	1.204	1.100	1.057	1.060	1.042	1.034	1.006	1.072	6.03
32)	Benzoic acid	0.135	0.177	0.195	0.212	0.218	0.219	0.193	16.97	
33)	4-Chloroaniline	0.494	0.481	0.465	0.470	0.465	0.461	0.448	0.469	3.18
34) C	Hexachlorobuta...	0.176	0.167	0.158	0.161	0.158	0.160	0.158	0.162	4.12
35)	Caprolactam	0.160	0.153	0.149	0.151	0.148	0.148	0.145	0.151	3.13
36) C	4-Chloro-3-met...	0.341	0.323	0.329	0.327	0.327	0.325	0.318	0.327	2.19
37)	2-Methylnaphth...	0.835	0.776	0.764	0.760	0.754	0.744	0.723	0.765	4.58

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38) I	Acenaphthene-d10	-----ISTD-----								
39)	1,2,4,5-Tetrac...	0.535	0.492	0.488	0.507	0.503	0.511	0.491	0.504	3.24
40) P	Hexachlorocycl...	0.257	0.280	0.290	0.304	0.308	0.313	0.311	0.295	7.01
41) S	2,4,6-Tribromo...	0.221	0.222	0.227	0.235	0.235	0.236	0.231	0.230	2.65
42) C	2,4,6-Trichlor...	0.348	0.355	0.352	0.365	0.371	0.370	0.358	0.360	2.55
43)	2,4,5-Trichlor...	0.386	0.382	0.394	0.397	0.399	0.400	0.390	0.392	1.78
44) S	2-Fluorobiphenyl	1.323	1.241	1.203	1.190	1.167	1.154	1.085	1.195	6.21
45)	1,1'-Biphenyl	1.591	1.505	1.457	1.453	1.444	1.443	1.374	1.467	4.57
46)	2-Chloronaphth...	1.227	1.149	1.134	1.140	1.132	1.131	1.094	1.144	3.55
47)	2-Nitroaniline	0.339	0.312	0.329	0.328	0.333	0.336	0.323	0.329	2.68
48)	Acenaphthylene	2.309	2.139	2.093	2.094	2.057	2.029	1.912	2.090	5.75
49)	Dimethylphthalate	1.566	1.425	1.394	1.384	1.387	1.360	1.301	1.402	5.82
50)	2,6-Dinitrotol...	0.325	0.327	0.333	0.338	0.336	0.337	0.332	0.333	1.47
51) C	Acenaphthene	1.399	1.273	1.252	1.239	1.243	1.238	1.183	1.261	5.30
52)	3-Nitroaniline	0.421	0.403	0.406	0.411	0.410	0.406	0.394	0.407	2.04
53) P	2,4-Dinitrophenol		0.122	0.163	0.186	0.195	0.201	0.204	0.179	17.49
54)	Dibenzofuran	1.981	1.814	1.753	1.746	1.735	1.699	1.604	1.762	6.59
55) P	4-Nitrophenol	0.291	0.316	0.328	0.345	0.351	0.342	0.337	0.330	6.27
56)	2,4-Dinitrotol...	0.440	0.438	0.459	0.463	0.469	0.465	0.457	0.456	2.66
57)	Fluorene	1.737	1.594	1.572	1.583	1.541	1.519	1.459	1.572	5.47
58)	2,3,4,6-Tetrac...	0.353	0.337	0.351	0.347	0.358	0.356	0.347	0.350	2.05
59)	Diethylphthalate	1.610	1.464	1.431	1.431	1.420	1.402	1.337	1.442	5.82
60)	4-Chlorophenyl...	0.785	0.693	0.679	0.689	0.670	0.671	0.654	0.692	6.25
61)	4-Nitroaniline	0.464	0.473	0.460	0.472	0.463	0.450	0.445	0.461	2.24
62)	Azobenzene	1.629	1.532	1.495	1.468	1.460	1.439	1.375	1.485	5.35
63) I	Phenanthrene-d10	-----ISTD-----								
64)	4,6-Dinitro-2-...		0.111	0.126	0.136	0.138	0.143	0.144	0.133	9.30
65) c	n-Nitrosodiphe...	0.693	0.641	0.628	0.635	0.630	0.626	0.610	0.638	4.09
66)	4-Bromophenyl-...	0.218	0.204	0.202	0.203	0.203	0.204	0.204	0.205	2.85
67)	Hexachlorobenzene	0.250	0.228	0.223	0.228	0.229	0.230	0.226	0.231	3.87
68)	Atrazine	0.211	0.199	0.192	0.188	0.183	0.182	0.174	0.190	6.39
69) C	Pentachlorophenol	0.107	0.120	0.129	0.138	0.141	0.143	0.142	0.132	10.57
70)	Phenanthrene	1.286	1.173	1.124	1.105	1.089	1.062	1.017	1.122	7.77
71)	Anthracene	1.254	1.164	1.122	1.105	1.086	1.063	1.019	1.116	6.79
72)	Carbazole	1.218	1.145	1.104	1.094	1.068	1.044	0.994	1.095	6.58
73)	Di-n-butylphth...	1.368	1.304	1.247	1.247	1.211	1.177	1.116	1.239	6.65
74) C	Fluoranthene	1.382	1.329	1.269	1.256	1.214	1.183	1.118	1.250	7.09
75) I	Chrysene-d12	-----ISTD-----								
76)	Benzidine	0.568	0.498	0.531	0.550	0.531	0.514	0.476	0.524	5.92
77)	Pyrene	1.364	1.305	1.231	1.230	1.221	1.168	1.111	1.233	6.75
78) S	Terphenyl-d14	0.897	0.870	0.814	0.804	0.769	0.731	0.674	0.794	9.72
79)	Butylbenzylphth...	0.514	0.490	0.506	0.527	0.524	0.527	0.513	0.514	2.56
80)	Benzo(a)anthra...	1.277	1.184	1.129	1.139	1.103	1.082	1.026	1.134	7.04
81)	3,3'-Dichlorob...	0.409	0.388	0.396	0.400	0.402	0.388	0.377	0.394	2.70
82)	Chrysene	1.178	1.093	1.039	1.035	1.005	0.986	0.938	1.039	7.50

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83)	Bis(2-ethylhex...	0.739	0.695	0.695	0.715	0.717	0.700	0.683	0.706	2.64
84) c	Di-n-octyl pht...	1.262	1.188	1.185	1.204	1.196	1.174	1.128	1.191	3.35
85)	Indeno(1,2,3-c...	1.406	1.324	1.294	1.333	1.340	1.329	1.328	1.336	2.56
86) I	Perylene-d12	-----ISTD-----								
87)	Benzo(b)fluora...	1.252	1.175	1.130	1.140	1.162	1.138	1.105	1.158	4.11
88)	Benzo(k)fluora...	1.256	1.111	1.128	1.141	1.112	1.091	1.052	1.127	5.64
89) C	Benzo(a)pyrene	1.164	1.072	1.055	1.086	1.081	1.064	1.032	1.079	3.83
90)	Dibenzo(a,h)an...	1.195	1.109	1.092	1.127	1.126	1.123	1.101	1.125	3.01
91)	Benzo(g,h,i)pe...	1.218	1.100	1.075	1.112	1.111	1.103	1.083	1.115	4.26

(#) = Out of Range