

Method Path : Z:\HPCHEM1\BNA_G\METHODS\
 Method File : 8270-BG091115.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Fri Sep 11 10:44:16 2015
 Response Via : Initial Calibration

Calibration Files

2.5 =BG018608.D 10 =BG018609.D 25 =BG018610.D 40 =BG018611.D 50 =BG018612.D 60 =BG018613.D 80 =BG018614.D

	Compound	2.5	10	25	40	50	60	80	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----								
2)	1,4-Dioxane	0.625	0.447	0.489	0.422	0.471	0.456	0.477	0.484	13.59
3)	Pyridine	1.565	1.433	1.526	1.390	1.567	1.470	1.551	1.500	4.66
4)	n-Nitrosodimet...	0.597	0.510	0.509	0.491	0.511	0.511	0.528	0.522	6.63
5) S	2-Fluorophenol	1.261	1.108	1.162	1.079	1.188	1.130	1.177	1.158	5.18
6)	Aniline	2.525	2.134	2.297	2.161	2.323	2.218	2.357	2.288	5.83
7) S	Phenol-d6	1.798	1.546	1.684	1.577	1.694	1.625	1.696	1.660	5.11
8)	2-Chlorophenol	1.466	1.281	1.351	1.241	1.360	1.296	1.362	1.337	5.47
9)	Benzaldehyde	0.995	1.025	0.871	0.920	0.812	0.739	0.894	0.894	12.15
10) C	Phenol	1.847	1.701	1.770	1.648	1.808	1.708	1.793	1.754	3.99
11)	bis(2-Chloroet...	1.521	1.303	1.395	1.257	1.361	1.312	1.364	1.359	6.26
12)	1,3-Dichlorobe...	1.837	1.482	1.573	1.420	1.566	1.472	1.539	1.555	8.73
13) C	1,4-Dichlorobe...	1.803	1.479	1.550	1.459	1.562	1.506	1.560	1.560	7.35
14)	1,2-Dichlorobe...	1.671	1.442	1.483	1.396	1.507	1.433	1.494	1.489	5.97
15)	Benzyl Alcohol	1.200	1.121	1.222	1.144	1.218	1.203	1.267	1.197	4.11
16)	2,2'-oxybis(1-...	1.818	1.451	1.588	1.406	1.534	1.468	1.539	1.543	8.79
17)	2-Methylphenol	1.324	1.118	1.265	1.138	1.251	1.180	1.254	1.219	6.17
18)	Hexachloroethane	0.657	0.534	0.554	0.517	0.555	0.531	0.555	0.558	8.28
19) P	n-Nitroso-di-n...	1.292	1.127	1.167	1.075	1.169	1.148	1.207	1.169	5.79
20)	3+4-Methylphenols	1.802	1.629	1.720	1.581	1.763	1.692	1.789	1.711	4.83
21) I	Naphthalene-d8	-----ISTD-----								
22)	Acetophenone	0.580	0.463	0.519	0.473	0.519	0.495	0.499	0.507	7.59
23) S	Nitrobenzene-d5	0.402	0.330	0.366	0.332	0.362	0.355	0.355	0.357	6.76
24)	Nitrobenzene	0.418	0.355	0.389	0.354	0.387	0.374	0.379	0.380	5.81
25)	Isophorone	0.851	0.737	0.792	0.708	0.771	0.761	0.761	0.769	5.83
26) C	2-Nitrophenol	0.177	0.145	0.180	0.174	0.188	0.185	0.190	0.177	8.58
27)	2,4-Dimethylph...	0.360	0.295	0.330	0.297	0.329	0.317	0.323	0.322	6.91
28)	bis(2-Chloroet...	0.487	0.416	0.459	0.411	0.446	0.439	0.431	0.441	5.86
29) C	2,4-Dichloroph...	0.333	0.305	0.335	0.310	0.335	0.325	0.332	0.325	3.86
30)	1,2,4-Trichlor...	0.418	0.333	0.364	0.335	0.364	0.353	0.355	0.360	7.85
31)	Naphthalene	1.237	1.026	1.096	0.991	1.075	1.035	1.036	1.071	7.55
32)	Benzoic acid	0.131	0.225	0.230	0.267	0.270	0.298	0.237	0.237	24.81
33)	4-Chloroaniline	0.547	0.452	0.487	0.444	0.496	0.480	0.486	0.485	6.94
34) C	Hexachlorobuta...	0.262	0.195	0.212	0.192	0.215	0.204	0.206	0.212	11.03
35)	Caprolactam	0.155	0.131	0.142	0.135	0.141	0.131	0.143	0.140	6.03
36) C	4-Chloro-3-met...	0.413	0.338	0.370	0.335	0.362	0.352	0.367	0.363	7.16
37)	2-Methylnaphth...	0.903	0.747	0.803	0.724	0.778	0.761	0.772	0.784	7.42

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38) I	Acenaphthene-d10	-----ISTD-----								
39)	1,2,4,5-Tetrac...	0.686	0.633	0.650	0.580	0.642	0.622	0.627	0.634	5.02
40) P	Hexachlorocycl...	0.263	0.274	0.329	0.305	0.348	0.355	0.356	0.319	12.15
41) S	2,4,6-Tribromo...	0.305	0.255	0.271	0.248	0.272	0.259	0.274	0.269	6.85
42) C	2,4,6-Trichlor...	0.412	0.423	0.448	0.417	0.454	0.459	0.460	0.439	4.74
43)	2,4,5-Trichlor...	0.545	0.442	0.479	0.444	0.497	0.481	0.487	0.482	7.24
44) S	2-Fluorobiphenyl	1.741	1.460	1.495	1.319	1.414	1.344	1.312	1.441	10.40
45)	1,1'-Biphenyl	1.832	1.529	1.645	1.450	1.594	1.535	1.548	1.590	7.69
46)	2-Chloronaphth...	1.420	1.188	1.253	1.111	1.219	1.189	1.197	1.225	7.83
47)	2-Nitroaniline	0.346	0.354	0.372	0.354	0.388	0.371	0.396	0.369	5.09
48)	Acenaphthylene	2.489	2.094	2.236	1.994	2.167	2.094	2.088	2.166	7.42
49)	Dimethylphthalate	1.894	1.652	1.722	1.502	1.638	1.576	1.610	1.656	7.54
50)	2,6-Dinitrotol...	0.365	0.332	0.378	0.339	0.367	0.362	0.377	0.360	4.92
51) C	Acenaphthene	1.452	1.216	1.312	1.153	1.251	1.211	1.225	1.260	7.72
52)	3-Nitroaniline	0.426	0.408	0.440	0.407	0.448	0.431	0.450	0.430	4.08
53) P	2,4-Dinitrophenol		0.093	0.139	0.149	0.171	0.168	0.189	0.152	22.17
54)	Dibenzofuran	2.343	1.946	1.998	1.779	1.917	1.848	1.879	1.958	9.37
55) P	4-Nitrophenol	0.295	0.299	0.336	0.326	0.360	0.335	0.372	0.332	8.58
56)	2,4-Dinitrotol...	0.510	0.472	0.516	0.493	0.528	0.505	0.548	0.510	4.76
57)	Fluorene	2.047	1.688	1.716	1.535	1.641	1.579	1.597	1.686	10.13
58)	2,3,4,6-Tetrac...	0.539	0.444	0.438	0.406	0.448	0.433	0.455	0.452	9.15
59)	Diethylphthalate	2.021	1.722	1.761	1.575	1.697	1.620	1.697	1.727	8.32
60)	4-Chlorophenyl...	0.944	0.797	0.832	0.741	0.803	0.761	0.793	0.810	8.13
61)	4-Nitroaniline	0.488	0.444	0.482	0.440	0.468	0.442	0.481	0.464	4.55
62)	Azobenzene	1.809	1.495	1.562	1.414	1.497	1.435	1.475	1.527	8.74
63) I	Phenanthrene-d10	-----ISTD-----								
64)	4,6-Dinitro-2-...		0.073	0.095	0.097	0.110	0.109	0.115	0.100	15.29
65) c	n-Nitrosodiphe...	0.637	0.562	0.605	0.544	0.588	0.563	0.557	0.579	5.60
66)	4-Bromophenyl-...	0.219	0.189	0.210	0.192	0.209	0.203	0.201	0.203	5.12
67)	Hexachlorobenzene	0.238	0.211	0.227	0.209	0.224	0.218	0.220	0.221	4.46
68)	Atrazine	0.257	0.222	0.240	0.221	0.236	0.218	0.218	0.230	6.37
69) C	Pentachlorophenol	0.108	0.109	0.145	0.138	0.151	0.149	0.154	0.136	14.33
70)	Phenanthrene	1.227	1.054	1.096	0.996	1.047	0.984	0.960	1.052	8.58
71)	Anthracene	1.287	1.066	1.096	1.003	1.056	0.987	0.961	1.065	10.21
72)	Carbazole	1.184	1.019	1.077	0.996	1.034	0.961	0.945	1.031	7.84
73)	Di-n-butylphth...	1.359	1.223	1.285	1.191	1.229	1.132	1.094	1.216	7.33
74) C	Fluoranthene	1.543	1.330	1.381	1.244	1.293	1.190	1.139	1.303	10.27
75) I	Chrysene-d12	-----ISTD-----								
76)	Benzidine	0.587	0.597	0.660	0.581	0.623	0.595	0.560	0.601	5.39
77)	Pyrene	1.427	1.240	1.293	1.160	1.206	1.175	1.104	1.229	8.61
78) S	Terphenyl-d14	0.940	0.805	0.812	0.716	0.732	0.695	0.633	0.762	13.17
79)	Butylbenzylphth...	0.512	0.458	0.511	0.484	0.516	0.510	0.507	0.500	4.25
80)	Benzo(a)anthra...	1.309	1.141	1.201	1.086	1.146	1.112	1.065	1.151	7.15
81)	3,3'-Dichlorob...	0.448	0.413	0.457	0.420	0.449	0.439	0.435	0.437	3.65
82)	Chrysene	1.256	1.066	1.123	1.021	1.074	1.040	1.009	1.084	7.82

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83)	Bis(2-ethylhex...	0.734	0.676	0.758	0.695	0.746	0.721	0.715	0.721	3.93
84) c	Di-n-octyl pht...	1.224	1.146	1.278	1.174	1.274	1.236	1.203	1.219	4.03
85)	Indeno(1,2,3-c...	1.421	1.278	1.405	1.307	1.408	1.400	1.418	1.377	4.26
86) I	Perylene-d12	-----ISTD-----								
87)	Benzo(b)fluora...	1.260	1.097	1.230	1.100	1.180	1.139	1.113	1.160	5.64
88)	Benzo(k)fluora...	1.388	1.121	1.195	1.065	1.164	1.130	1.071	1.162	9.46
89) C	Benzo(a)pyrene	1.186	1.065	1.140	1.039	1.122	1.101	1.072	1.104	4.57
90)	Dibenzo(a,h)an...	1.167	1.041	1.125	1.028	1.095	1.086	1.065	1.087	4.45
91)	Benzo(g,h,i)pe...	1.215	1.049	1.122	1.039	1.128	1.099	1.094	1.107	5.29

(#) = Out of Range