

Method Path : Z:\HPCHEM1\BNA_G\METHODS\
 Method File : 8270-BG021717.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Tue Feb 28 15:36:56 2017
 Response Via : Initial Calibration

Calibration Files

2.5 =BG025853.D 10 =BG025854.D 25 =BG025855.D 40 =BG025856.D 50 =BG025857.D 60 =BG025858.D 80 =BG025859.D

	Compound	2.5	10	25	40	50	60	80	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----								
2)	1,4-Dioxane	0.558	0.522	0.536	0.530	0.513	0.514	0.502	0.525	3.51
3)	Pyridine	1.459	1.477	1.582	1.637	1.578	1.617	1.600	1.564	4.41
4)	n-Nitrosodimet...	0.556	0.526	0.554	0.586	0.562	0.575	0.580	0.563	3.60
5) S	2-Fluorophenol	1.109	1.107	1.162	1.190	1.151	1.174	1.148	1.149	2.75
6)	Aniline	2.276	2.279	2.352	2.472	2.358	2.428	2.380	2.363	3.06
7) S	Phenol-d6	1.629	1.625	1.696	1.791	1.711	1.739	1.709	1.700	3.45
8)	2-Chlorophenol	1.319	1.334	1.341	1.416	1.360	1.402	1.384	1.365	2.67
9)	Benzaldehyde	1.191	1.111	1.078	1.035	0.967	0.899	0.770	1.007	14.05
10) C	Phenol	1.735	1.763	1.868	1.948	1.843	1.900	1.874	1.847	4.05
11)	bis(2-Chloroet...	1.510	1.532	1.493	1.565	1.489	1.532	1.509	1.518	1.74
12)	1,3-Dichlorobe...	1.683	1.538	1.556	1.602	1.541	1.576	1.551	1.578	3.25
13) C	1,4-Dichlorobe...	1.636	1.559	1.574	1.647	1.572	1.619	1.584	1.599	2.19
14)	1,2-Dichlorobe...	1.651	1.541	1.531	1.604	1.539	1.571	1.549	1.570	2.80
15)	Benzyl Alcohol	1.064	1.151	1.227	1.350	1.276	1.325	1.321	1.245	8.44
16)	2,2'-oxybis(1-...	2.206	2.139	2.182	2.259	2.182	2.230	2.226	2.203	1.80
17)	2-Methylphenol	1.170	1.266	1.335	1.413	1.358	1.388	1.385	1.331	6.42
18)	Hexachloroethane	0.534	0.515	0.513	0.537	0.523	0.542	0.544	0.530	2.42
19) P	n-Nitroso-di-n...	1.117	1.180	1.234	1.315	1.269	1.297	1.280	1.242	5.70
20)	3+4-Methylphenols	1.661	1.838	1.867	2.005	1.940	1.998	1.963	1.896	6.40
21) I	Naphthalene-d8	-----ISTD-----								
22)	Acetophenone	0.456	0.476	0.494	0.491	0.480	0.480	0.482	0.480	2.55
23) S	Nitrobenzene-d5	0.284	0.306	0.322	0.327	0.325	0.327	0.328	0.317	5.19
24)	Nitrobenzene	0.309	0.329	0.353	0.352	0.348	0.351	0.357	0.343	5.10
25)	Isophorone	0.635	0.671	0.712	0.723	0.708	0.712	0.721	0.697	4.66
26) C	2-Nitrophenol	0.125	0.143	0.158	0.171	0.171	0.175	0.178	0.160	12.17
27)	2,4-Dimethylph...	0.275	0.298	0.301	0.307	0.300	0.308	0.306	0.299	3.85
28)	bis(2-Chloroet...	0.439	0.441	0.445	0.449	0.441	0.439	0.439	0.442	0.83
29) C	2,4-Dichloroph...	0.247	0.271	0.290	0.297	0.293	0.299	0.302	0.285	6.98
30)	1,2,4-Trichlor...	0.326	0.305	0.308	0.308	0.306	0.308	0.312	0.310	2.31
31)	Naphthalene	1.070	1.053	1.053	1.045	1.007	1.008	1.003	1.034	2.63
32)	Benzoic acid		0.174	0.203	0.241	0.238	0.247	0.268	0.228	14.79
33)	4-Chloroaniline	0.426	0.442	0.463	0.461	0.449	0.449	0.455	0.449	2.81
34) C	Hexachlorobuta...	0.192	0.172	0.173	0.176	0.174	0.174	0.175	0.177	3.94
35)	Caprolactam	0.095	0.110	0.118	0.122	0.119	0.120	0.123	0.115	8.71
36) C	4-Chloro-3-met...	0.315	0.332	0.351	0.355	0.346	0.347	0.345	0.342	4.02
37)	2-Methylnaphth...	0.788	0.790	0.810	0.804	0.780	0.776	0.767	0.788	1.94

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38) I	Acenaphthene-d10	-----ISTD-----								
39)	1,2,4,5-Tetrac...	0.506	0.495	0.496	0.513	0.491	0.507	0.501	0.501	1.55
40) P	Hexachlorocycl...	0.254	0.251	0.264	0.286	0.281	0.289	0.296	0.274	6.48
41) S	2,4,6-Tribromo...	0.175	0.183	0.192	0.190	0.184	0.187	0.183	0.185	3.08
42) C	2,4,6-Trichlor...	0.295	0.303	0.324	0.340	0.327	0.338	0.339	0.324	5.55
43)	2,4,5-Trichlor...	0.337	0.348	0.375	0.383	0.371	0.379	0.379	0.368	4.84
44) S	2-Fluorobiphenyl	1.258	1.188	1.180	1.160	1.091	1.095	1.041	1.145	6.40
45)	1,1'-Biphenyl	1.510	1.466	1.471	1.478	1.406	1.425	1.389	1.449	2.99
46)	2-Chloronaphth...	1.084	1.036	1.052	1.066	1.024	1.045	1.027	1.048	2.07
47)	2-Nitroaniline	0.259	0.303	0.333	0.359	0.352	0.361	0.359	0.332	11.56
48)	Acenaphthylene	1.856	1.905	1.932	1.917	1.825	1.847	1.778	1.866	2.96
49)	Dimethylphthalate	1.400	1.416	1.413	1.402	1.327	1.346	1.300	1.372	3.42
50)	2,6-Dinitrotol...	0.246	0.284	0.321	0.330	0.322	0.330	0.324	0.308	10.25
51) C	Acenaphthene	1.239	1.232	1.252	1.256	1.207	1.231	1.206	1.232	1.60
52)	3-Nitroaniline	0.281	0.335	0.360	0.370	0.355	0.358	0.354	0.345	8.73
53) P	2,4-Dinitrophenol		0.127	0.151	0.164	0.167	0.178	0.181	0.161	12.40
54)	Dibenzofuran	1.755	1.724	1.678	1.668	1.571	1.584	1.518	1.643	5.28
55) P	4-Nitrophenol	0.220	0.266	0.291	0.302	0.296	0.297	0.293	0.281	10.43
56)	2,4-Dinitrotol...	0.315	0.386	0.434	0.448	0.436	0.443	0.440	0.415	11.77
57)	Fluorene	1.579	1.543	1.522	1.488	1.391	1.399	1.351	1.468	5.95
58)	2,3,4,6-Tetrac...	0.299	0.308	0.329	0.343	0.329	0.333	0.328	0.324	4.71
59)	Diethylphthalate	1.453	1.474	1.471	1.447	1.375	1.382	1.333	1.419	3.90
60)	4-Chlorophenyl...	0.724	0.707	0.700	0.685	0.648	0.658	0.638	0.680	4.76
61)	4-Nitroaniline	0.311	0.357	0.377	0.374	0.362	0.368	0.353	0.357	6.23
62)	Azobenzene	1.206	1.245	1.261	1.263	1.185	1.205	1.174	1.220	2.96
63) I	Phenanthrene-d10	-----ISTD-----								
64)	4,6-Dinitro-2-...		0.093	0.109	0.121	0.122	0.128	0.129	0.117	11.85
65) c	n-Nitrosodiphe...	0.593	0.610	0.617	0.619	0.604	0.605	0.598	0.607	1.57
66)	4-Bromophenyl-...	0.205	0.207	0.208	0.214	0.210	0.212	0.212	0.210	1.60
67)	Hexachlorobenzene	0.224	0.213	0.216	0.217	0.212	0.215	0.215	0.216	1.74
68)	Atrazine	0.206	0.220	0.222	0.221	0.213	0.214	0.207	0.215	3.00
69) C	Pentachlorophenol	0.106	0.122	0.133	0.143	0.141	0.144	0.144	0.133	10.74
70)	Phenanthrene	1.163	1.144	1.122	1.093	1.039	1.034	1.004	1.086	5.63
71)	Anthracene	1.142	1.155	1.149	1.127	1.078	1.071	1.027	1.107	4.38
72)	Carbazole	1.176	1.184	1.167	1.123	1.066	1.052	1.015	1.112	6.08
73)	Di-n-butylphth...	1.014	1.116	1.158	1.143	1.092	1.083	1.035	1.092	4.88
74) C	Fluoranthene	1.300	1.282	1.249	1.200	1.143	1.125	1.068	1.195	7.27
75) I	Chrysene-d12	-----ISTD-----								
76)	Benzidine	0.563	0.646	0.703	0.670	0.640	0.653	0.543	0.631	9.15
77)	Pyrene	1.355	1.350	1.318	1.278	1.212	1.211	1.131	1.265	6.61
78) S	Terphenyl-d14	0.961	0.916	0.877	0.819	0.758	0.744	0.681	0.822	12.30
79)	Butylbenzylphth...	0.398	0.437	0.491	0.509	0.500	0.517	0.508	0.480	9.37
80)	Benzo(a)anthra...	1.222	1.194	1.197	1.183	1.136	1.148	1.095	1.168	3.75
81)	3,3'-Dichlorob...	0.392	0.414	0.438	0.437	0.420	0.418	0.396	0.416	4.25
82)	Chrysene	1.211	1.142	1.150	1.133	1.093	1.089	1.042	1.123	4.81

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83)	Bis(2-ethylhex...	0.580	0.659	0.724	0.735	0.722	0.721	0.711	0.693	8.04
84) c	Di-n-octyl pht...	0.881	1.046	1.183	1.237	1.218	1.242	1.206	1.145	11.70
85)	Indeno(1,2,3-c...	1.220	1.259	1.324	1.359	1.348	1.375	1.373	1.323	4.57

86) I	Perylene-d12	-----ISTD-----								
87)	Benzo(b)fluora...	1.157	1.211	1.226	1.240	1.178	1.208	1.165	1.198	2.61
88)	Benzo(k)fluora...	1.166	1.190	1.181	1.189	1.168	1.151	1.136	1.169	1.72
89) C	Benzo(a)pyrene	1.101	1.126	1.153	1.164	1.126	1.144	1.124	1.134	1.86
90)	Dibenzo(a,h)an...	1.104	1.126	1.146	1.167	1.131	1.155	1.148	1.139	1.83
91)	Benzo(g,h,i)pe...	1.105	1.126	1.143	1.165	1.139	1.159	1.161	1.142	1.90

(#) = Out of Range