

Method Path : Z:\HPCHEM1\BNA_G\METHODS\
 Method File : 8270-BG091217.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Tue Sep 12 16:57:11 2017
 Response Via : Initial Calibration

Calibration Files

2.5 =BG028665.D 10 =BG028666.D 25 =BG028667.D 40 =BG028668.D 50 =BG028669.D 60 =BG028670.D 80 =BG028671.D

	Compound	2.5	10	25	40	50	60	80	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----								
2)	1,4-Dioxane	0.610	0.527	0.453	0.480	0.454	0.466	0.447	0.491	12.05
3)	Pyridine	1.550	1.343	1.261	1.454	1.360	1.418	1.416	1.400	6.53
4)	n-Nitrosodimet...	0.768	0.526	0.608	0.657	0.613	0.659	0.628	0.637	11.44
5) S	2-Fluorophenol	1.224	1.161	1.136	1.273	1.206	1.245	1.239	1.212	4.02
6)	Aniline	2.043	2.024	1.976	2.236	2.158	2.197	2.233	2.124	5.07
7) S	Phenol-d6	1.807	1.740	1.718	1.880	1.869	1.868	1.893	1.825	3.91
8)	2-Chlorophenol	1.338	1.313	1.283	1.400	1.342	1.424	1.359	1.351	3.57
9)	Benzaldehyde	1.156	1.150	1.112	1.156	1.143	1.120	1.088	1.132	2.33
10) C	Phenol	1.974	1.853	1.795	2.002	1.931	1.957	1.972	1.926	3.89
11)	bis(2-Chloroet...	1.571	1.322	1.292	1.390	1.340	1.386	1.380	1.383	6.56
12)	1,3-Dichlorobe...	1.587	1.420	1.332	1.474	1.442	1.474	1.455	1.455	5.23
13) C	1,4-Dichlorobe...	1.512	1.500	1.408	1.560	1.487	1.512	1.493	1.496	3.04
14)	1,2-Dichlorobe...	1.568	1.511	1.396	1.487	1.432	1.464	1.489	1.478	3.76
15)	Benzyl Alcohol		1.371	1.333	1.480	1.427	1.456	1.480	1.425	4.26
16)	2,2'-oxybis(1-...	2.818	2.489	2.319	2.568	2.476	2.486	2.435	2.513	6.13
17)	2-Methylphenol	1.284	1.188	1.202	1.282	1.290	1.290	1.275	1.259	3.50
18)	Hexachloroethane	0.501	0.560	0.536	0.572	0.536	0.570	0.563	0.548	4.72
19) P	n-Nitroso-di-n...	1.228	1.253	1.226	1.335	1.347	1.330	1.336	1.294	4.26
20)	3+4-Methylphenols	1.652	1.711	1.648	1.820	1.807	1.835	1.850	1.760	4.97
21) I	Naphthalene-d8	-----ISTD-----								
22)	Acetophenone	0.594	0.570	0.577	0.574	0.595	0.591	0.591	0.585	1.77
23) S	Nitrobenzene-d5	0.425	0.404	0.412	0.409	0.424	0.425	0.428	0.418	2.26
24)	Nitrobenzene	0.489	0.469	0.443	0.446	0.463	0.465	0.466	0.463	3.29
25)	Isophorone	0.856	0.860	0.830	0.824	0.861	0.847	0.844	0.846	1.72
26) C	2-Nitrophenol	0.219	0.188	0.185	0.193	0.195	0.199	0.201	0.197	5.63
27)	2,4-Dimethylph...	0.384	0.355	0.366	0.357	0.350	0.364	0.345	0.360	3.58
28)	bis(2-Chloroet...	0.443	0.472	0.455	0.453	0.458	0.468	0.468	0.459	2.21
29) C	2,4-Dichloroph...	0.349	0.349	0.353	0.352	0.366	0.367	0.372	0.358	2.68
30)	1,2,4-Trichlor...	0.445	0.392	0.403	0.397	0.402	0.411	0.412	0.409	4.23
31)	Naphthalene	1.090	1.019	1.030	1.023	1.044	1.050	1.057	1.045	2.35
32)	Benzoic acid		0.166	0.210	0.237	0.254	0.266	0.274	0.234	17.30
33)	4-Chloroaniline	0.440	0.442	0.421	0.427	0.438	0.447	0.447	0.438	2.22
34) C	Hexachlorobuta...	0.347	0.293	0.294	0.288	0.290	0.297	0.299	0.301	6.89
35)	Caprolactam	0.136	0.124	0.126	0.127	0.129	0.128	0.129	0.129	3.02
36) C	4-Chloro-3-met...	0.516	0.466	0.455	0.447	0.465	0.464	0.453	0.466	4.93
37)	2-Methylnaphth...	0.786	0.780	0.766	0.757	0.787	0.788	0.796	0.780	1.76

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38) I	Acenaphthene-d10	-----ISTD-----								
39)	1,2,4,5-Tetrac...	0.819	0.777	0.798	0.854	0.827	0.823	0.857	0.822	3.47
40) P	Hexachlorocycl...		0.148	0.236	0.286	0.284	0.300	0.330	0.264	24.44
41) S	2,4,6-Tribromo...	0.310	0.321	0.331	0.334	0.337	0.341	0.341	0.331	3.46
42) C	2,4,6-Trichlor...	0.526	0.517	0.509	0.528	0.521	0.528	0.525	0.522	1.33
43)	2,4,5-Trichlor...	0.520	0.525	0.520	0.532	0.530	0.520	0.525	0.524	0.96
44) S	2-Fluorobiphenyl	1.527	1.470	1.489	1.553	1.474	1.491	1.495	1.500	2.00
45)	1,1'-Biphenyl	1.599	1.643	1.641	1.708	1.651	1.658	1.691	1.656	2.15
46)	2-Chloronaphth...	1.202	1.219	1.182	1.241	1.207	1.187	1.217	1.208	1.65
47)	2-Nitroaniline	0.435	0.435	0.445	0.468	0.455	0.456	0.448	0.449	2.60
48)	Acenaphthylene	1.894	1.961	1.920	1.969	1.911	1.933	1.921	1.930	1.40
49)	Dimethylphthalate	1.731	1.709	1.680	1.699	1.628	1.661	1.632	1.677	2.32
50)	2,6-Dinitrotol...	0.348	0.369	0.380	0.385	0.368	0.382	0.380	0.373	3.49
51) C	Acenaphthene	1.170	1.158	1.176	1.192	1.166	1.173	1.171	1.172	0.88
52)	3-Nitroaniline	0.296	0.321	0.346	0.341	0.332	0.339	0.337	0.330	5.15
53) P	2,4-Dinitrophenol		0.080	0.136	0.171	0.180	0.193	0.198	0.159	28.12
54)	Dibenzofuran	1.879	1.913	1.844	1.906	1.840	1.853	1.850	1.869	1.63
55) P	4-Nitrophenol		0.208	0.238	0.261	0.247	0.246	0.251	0.242	7.63
56)	2,4-Dinitrotol...	0.484	0.514	0.529	0.554	0.530	0.536	0.527	0.525	4.13
57)	Fluorene	1.674	1.650	1.686	1.709	1.649	1.668	1.646	1.669	1.39
58)	2,3,4,6-Tetrac...	0.463	0.448	0.466	0.471	0.456	0.464	0.468	0.462	1.71
59)	Diethylphthalate	1.870	1.745	1.716	1.705	1.678	1.700	1.650	1.723	4.13
60)	4-Chlorophenyl...	1.022	0.932	0.917	0.948	0.938	0.948	0.947	0.950	3.52
61)	4-Nitroaniline	0.321	0.325	0.357	0.374	0.360	0.361	0.348	0.350	5.58
62)	Azobenzene	1.502	1.479	1.430	1.456	1.431	1.438	1.411	1.450	2.19
63) I	Phenanthrene-d10	-----ISTD-----								
64)	4,6-Dinitro-2-...		0.101	0.119	0.134	0.135	0.142	0.143	0.129	12.69
65) c	n-Nitrosodiphe...	0.551	0.571	0.567	0.571	0.573	0.589	0.592	0.573	2.43
66)	4-Bromophenyl-...	0.263	0.250	0.245	0.257	0.255	0.261	0.270	0.257	3.26
67)	Hexachlorobenzene	0.287	0.284	0.289	0.290	0.291	0.302	0.307	0.293	2.87
68)	Atrazine	0.238	0.241	0.246	0.252	0.249	0.251	0.246	0.246	2.03
69) C	Pentachlorophenol		0.110	0.116	0.137	0.135	0.146	0.150	0.132	12.12
70)	Phenanthrene	1.056	1.007	1.007	1.020	1.012	1.038	1.021	1.023	1.78
71)	Anthracene	1.039	1.002	1.022	1.041	1.028	1.057	1.042	1.033	1.71
72)	Carbazole	0.928	0.893	0.912	0.962	0.929	0.959	0.930	0.930	2.63
73)	Di-n-butylphth...	1.182	1.093	1.139	1.155	1.124	1.167	1.127	1.141	2.61
74) C	Fluoranthene	1.227	1.211	1.238	1.287	1.238	1.283	1.257	1.249	2.27
75) I	Chrysene-d12	-----ISTD-----								
76)	Benzidine	0.480	0.495	0.447	0.544	0.557	0.550	0.558	0.519	8.58
77)	Pyrene	1.254	1.161	1.154	1.133	1.119	1.131	1.124	1.154	4.07
78) S	Terphenyl-d14	1.009	0.947	0.946	0.936	0.917	0.919	0.891	0.938	3.94
79)	Butylbenzylphth...	0.489	0.467	0.460	0.461	0.459	0.465	0.459	0.466	2.30
80)	Benzo(a)anthra...	1.286	1.180	1.205	1.202	1.180	1.191	1.183	1.204	3.12
81)	3,3'-Dichlorob...	0.483	0.479	0.484	0.496	0.493	0.496	0.487	0.488	1.38
82)	Chrysene	1.180	1.123	1.138	1.148	1.135	1.141	1.130	1.142	1.61

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83)	Bis(2-ethylhex...	0.691	0.646	0.655	0.668	0.656	0.662	0.658	0.662	2.17
84) c	Di-n-octyl pht...	1.199	1.136	1.142	1.173	1.150	1.160	1.141	1.157	1.94
85)	Indeno(1,2,3-c...	1.532	1.421	1.444	1.460	1.461	1.484	1.472	1.468	2.36
86) I	Perylene-d12	-----ISTD-----								
87)	Benzo(b)fluora...	1.226	1.122	1.195	1.192	1.178	1.227	1.249	1.198	3.48
88)	Benzo(k)fluora...	1.217	1.171	1.190	1.198	1.163	1.225	1.213	1.197	1.95
89) C	Benzo(a)pyrene	1.107	1.103	1.155	1.142	1.118	1.163	1.174	1.137	2.50
90)	Dibenzo(a,h)an...	1.168	1.107	1.190	1.195	1.179	1.223	1.240	1.186	3.61
91)	Benzo(g,h,i)pe...	1.118	1.129	1.168	1.153	1.141	1.192	1.198	1.157	2.62

(#) = Out of Range