

Method Path : Z:\HPCHEM1\BNA_G\METHODS\
 Method File : 8270-BG062117.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Wed Jun 21 18:52:15 2017
 Response Via : Initial Calibration

Calibration Files

2.5 =BG027559.D 10 =BG027560.D 25 =BG027561.D 40 =BG027562.D 50 =BG027563.D 60 =BG027564.D 80 =BG027565.D

	Compound	2.5	10	25	40	50	60	80	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----								
2)	1,4-Dioxane	0.511	0.584	0.554	0.541	0.537	0.558	0.533	0.546	4.17
3)	Pyridine	1.626	1.703	1.865	1.799	1.821	1.783	1.766		4.92
4)	n-Nitrosodimet...	0.636	0.832	0.832	0.854	0.823	0.827	0.839	0.806	9.40
5) S	2-Fluorophenol	1.234	1.388	1.398	1.475	1.427	1.459	1.457	1.405	5.86
6)	Aniline	2.057	2.412	2.522	2.694	2.641	2.714	2.731	2.539	9.53
7) S	Phenol-d6	1.731	1.966	2.027	2.215	2.146	2.228	2.249	2.080	9.01
8)	2-Chlorophenol	1.342	1.457	1.440	1.548	1.514	1.564	1.542	1.487	5.32
9)	Benzaldehyde	1.396	1.590	1.503	1.513	1.379	1.347	1.168	1.414	9.81
10) C	Phenol	1.811	2.084	2.067	2.221	2.167	2.224	2.260	2.119	7.27
11)	bis(2-Chloroet...	1.448	1.692	1.640	1.791	1.634	1.685	1.722	1.659	6.46
12)	1,3-Dichlorobe...	1.545	1.578	1.492	1.603	1.573	1.596	1.600	1.570	2.52
13) C	1,4-Dichlorobe...	1.423	1.618	1.553	1.627	1.606	1.633	1.632	1.585	4.82
14)	1,2-Dichlorobe...	1.524	1.534	1.500	1.587	1.556	1.586	1.614	1.557	2.60
15)	Benzyl Alcohol	1.357	1.592	1.617	1.778	1.719	1.755	1.808	1.661	9.41
16)	2,2'-oxybis(1-...	2.594	2.828	2.736	2.877	2.720	2.772	2.738	2.752	3.26
17)	2-Methylphenol	1.401	1.422	1.538	1.506	1.523	1.558	1.491		4.32
18)	Hexachloroethane	0.526	0.632	0.610	0.638	0.639	0.649	0.656	0.621	7.15
19) P	n-Nitroso-di-n...	1.438	1.599	1.597	1.770	1.683	1.715	1.766	1.652	7.14
20)	3+4-Methylphenols	1.655	1.928	1.989	2.171	2.140	2.199	2.211	2.042	9.89
21) I	Naphthalene-d8	-----ISTD-----								
22)	Acetophenone	0.491	0.540	0.547	0.555	0.561	0.569	0.576	0.548	5.11
23) S	Nitrobenzene-d5	0.376	0.400	0.421	0.429	0.438	0.445	0.449	0.423	6.29
24)	Nitrobenzene	0.409	0.450	0.474	0.466	0.479	0.479	0.486	0.463	5.77
25)	Isophorone	0.762	0.827	0.875	0.891	0.894	0.908	0.922	0.868	6.43
26) C	2-Nitrophenol	0.142	0.164	0.171	0.182	0.183	0.187	0.171		9.85
27)	2,4-Dimethylph...	0.290	0.305	0.327	0.324	0.334	0.343	0.342	0.324	6.01
28)	bis(2-Chloroet...	0.431	0.480	0.487	0.498	0.502	0.510	0.518	0.489	5.91
29) C	2,4-Dichloroph...	0.238	0.254	0.280	0.286	0.296	0.297	0.307	0.280	8.86
30)	1,2,4-Trichlor...	0.311	0.322	0.313	0.309	0.322	0.330	0.331	0.320	2.79
31)	Naphthalene	1.008	1.077	1.069	1.072	1.095	1.117	1.128	1.081	3.66
32)	Benzoic acid	0.113	0.183	0.212	0.226	0.235	0.256	0.204		24.82
33)	4-Chloroaniline	0.378	0.429	0.464	0.465	0.486	0.493	0.495	0.458	9.19
34) C	Hexachlorobuta...	0.185	0.194	0.190	0.190	0.192	0.196	0.205	0.193	3.28
35)	Caprolactam	0.103	0.128	0.134	0.135	0.136	0.138	0.138	0.130	9.49
36) C	4-Chloro-3-met...	0.363	0.403	0.443	0.441	0.445	0.451	0.456	0.429	7.90
37)	2-Methylnaphth...	0.679	0.740	0.793	0.801	0.817	0.821	0.848	0.786	7.36

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38) I	Acenaphthene-d10	-----ISTD-----								
39)	1,2,4,5-Tetrac...	0.586	0.595	0.603	0.625	0.645	0.662	0.674	0.627	5.50
40) P	Hexachlorocycl...		0.275	0.312	0.336	0.344	0.367	0.383	0.336	11.53
41) S	2,4,6-Tribromo...	0.264	0.286	0.290	0.305	0.305	0.315	0.320	0.298	6.48
42) C	2,4,6-Trichlor...	0.325	0.376	0.400	0.420	0.425	0.437	0.453	0.405	10.70
43)	2,4,5-Trichlor...	0.442	0.446	0.460	0.481	0.491	0.503	0.510	0.476	5.76
44) S	2-Fluorobiphenyl	1.413	1.411	1.430	1.472	1.483	1.511	1.529	1.464	3.22
45)	1,1'-Biphenyl	1.567	1.627	1.626	1.671	1.688	1.737	1.758	1.668	4.01
46)	2-Chloronaphth...	1.175	1.196	1.210	1.246	1.263	1.286	1.307	1.240	3.93
47)	2-Nitroaniline	0.460	0.513	0.565	0.586	0.584	0.591	0.598	0.557	9.20
48)	Acenaphthylene	1.917	2.121	2.178	2.224	2.235	2.250	2.289	2.173	5.77
49)	Dimethylphthalate	1.736	1.742	1.720	1.783	1.742	1.757	1.778	1.751	1.31
50)	2,6-Dinitrotol...	0.299	0.351	0.390	0.393	0.403	0.413	0.412	0.380	10.91
51) C	Acenaphthene	1.454	1.429	1.481	1.525	1.528	1.580	1.602	1.514	4.20
52)	3-Nitroaniline	0.316	0.380	0.409	0.420	0.425	0.429	0.429	0.401	10.33
53) P	2,4-Dinitrophenol		0.171	0.202	0.218	0.222	0.232	0.243	0.215	11.80
54)	Dibenzofuran	1.949	1.949	1.949	1.984	1.964	2.000	2.011	1.972	1.33
55) P	4-Nitrophenol		0.298	0.334	0.342	0.345	0.344	0.351	0.336	5.72
56)	2,4-Dinitrotol...	0.414	0.503	0.547	0.578	0.567	0.583	0.580	0.539	11.46
57)	Fluorene	1.780	1.831	1.862	1.887	1.887	1.910	1.919	1.868	2.61
58)	2,3,4,6-Tetrac...	0.358	0.405	0.419	0.431	0.429	0.446	0.447	0.419	7.33
59)	Diethylphthalate	1.872	1.916	1.902	1.947	1.900	1.934	1.905	1.911	1.28
60)	4-Chlorophenyl...	0.908	0.883	0.904	0.927	0.923	0.937	0.952	0.919	2.48
61)	4-Nitroaniline	0.354	0.429	0.454	0.463	0.453	0.465	0.462	0.440	9.01
62)	Azobenzene	1.908	1.926	1.998	2.008	1.962	1.974	1.939	1.959	1.90
63) I	Phenanthrene-d10	-----ISTD-----								
64)	4,6-Dinitro-2-...		0.102	0.117	0.129	0.135	0.138	0.142	0.127	11.80
65) c	n-Nitrosodiphe...	0.536	0.564	0.607	0.629	0.636	0.651	0.668	0.613	7.75
66)	4-Bromophenyl-...	0.181	0.205	0.215	0.225	0.228	0.239	0.247	0.220	10.10
67)	Hexachlorobenzene	0.215	0.218	0.233	0.238	0.239	0.248	0.255	0.235	6.15
68)	Atrazine	0.203	0.222	0.225	0.232	0.230	0.231	0.228	0.225	4.42
69) C	Pentachlorophenol		0.121	0.135	0.148	0.153	0.159	0.161	0.146	10.77
70)	Phenanthrene	1.079	1.108	1.131	1.147	1.154	1.170	1.175	1.138	3.05
71)	Anthracene	1.007	1.125	1.149	1.169	1.178	1.193	1.197	1.146	5.78
72)	Carbazole	1.011	1.106	1.110	1.127	1.154	1.149	1.155	1.116	4.55
73)	Di-n-butylphth...	1.074	1.209	1.267	1.277	1.309	1.308	1.310	1.250	6.84
74) C	Fluoranthene	1.219	1.312	1.314	1.326	1.375	1.358	1.376	1.326	4.08
75) I	Chrysene-d12	-----ISTD-----								
76)	Benzidine		0.458	0.509	0.526	0.509	0.479	0.464	0.491	5.64
77)	Pyrene	1.147	1.209	1.240	1.254	1.198	1.237	1.226	1.216	2.95
78) S	Terphenyl-d14	0.794	0.843	0.876	0.882	0.850	0.857	0.840	0.849	3.40
79)	Butylbenzylphth...	0.417	0.480	0.514	0.530	0.526	0.538	0.546	0.507	8.88
80)	Benzo(a)anthra...	1.137	1.173	1.213	1.230	1.196	1.219	1.231	1.200	2.88
81)	3,3'-Dichlorob...	0.358	0.417	0.442	0.458	0.450	0.456	0.456	0.434	8.40
82)	Chrysene	1.118	1.097	1.146	1.159	1.130	1.153	1.156	1.137	2.02

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83)	Bis(2-ethylhex...	0.622	0.689	0.752	0.785	0.772	0.790	0.797	0.744	8.74
84) c	Di-n-octyl pht...	1.006	1.147	1.253	1.316	1.288	1.320	1.331	1.237	9.69
85)	Indeno(1,2,3-c...	1.098	1.238	1.323	1.346	1.329	1.359	1.377	1.296	7.57

86) I	Perylene-d12	-----ISTD-----								
87)	Benzo(b)fluora...	1.125	1.228	1.247	1.282	1.326	1.357	1.386	1.279	6.92
88)	Benzo(k)fluora...	1.078	1.208	1.242	1.262	1.297	1.322	1.349	1.251	7.21
89) C	Benzo(a)pyrene	1.064	1.128	1.199	1.234	1.235	1.279	1.308	1.207	7.07
90)	Dibenzo(a,h)an...	1.049	1.172	1.235	1.243	1.269	1.303	1.333	1.229	7.72
91)	Benzo(g,h,i)pe...	1.080	1.140	1.185	1.216	1.217	1.248	1.271	1.194	5.49

(#) = Out of Range