

Method Path : Z:\HPCHEM1\BNA_G\METHODS\
 Method File : 8270-BG090717.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Thu Sep 07 18:39:50 2017
 Response Via : Initial Calibration

Calibration Files

2.5 =BG028592.D 10 =BG028593.D 25 =BG028594.D 40 =BG028595.D 50 =BG028596.D 60 =BG028597.D 80 =BG028598.D

	Compound	2.5	10	25	40	50	60	80	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----								
2)	1,4-Dioxane	0.530	0.451	0.472	0.477	0.472	0.498	0.502	0.486	5.31
3)	Pyridine		1.497	1.455	1.492	1.482	1.556	1.570	1.509	2.96
4)	n-Nitrosodimet...	0.744	0.710	0.696	0.706	0.702	0.738	0.737	0.719	2.77
5) S	2-Fluorophenol	1.121	1.184	1.162	1.182	1.186	1.238	1.243	1.188	3.54
6)	Aniline	1.838	2.163	2.207	2.250	2.237	2.356	2.390	2.206	8.20
7) S	Phenol-d6	1.521	1.688	1.680	1.752	1.726	1.849	1.843	1.723	6.49
8)	2-Chlorophenol	1.364	1.283	1.316	1.327	1.315	1.392	1.389	1.341	3.07
9)	Benzaldehyde	1.122	1.181	1.100	1.008	0.920	0.945	0.842	1.017	12.05
10) C	Phenol	1.640	1.797	1.856	1.889	1.881	2.007	1.994	1.866	6.68
11)	bis(2-Chloroet...	1.296	1.409	1.328	1.349	1.334	1.462	1.427	1.372	4.42
12)	1,3-Dichlorobe...	1.593	1.575	1.558	1.528	1.523	1.611	1.604	1.570	2.26
13) C	1,4-Dichlorobe...	1.427	1.502	1.563	1.561	1.537	1.620	1.627	1.548	4.47
14)	1,2-Dichlorobe...	1.490	1.536	1.499	1.517	1.470	1.572	1.567	1.521	2.55
15)	Benzyl Alcohol	1.168	1.275	1.375	1.405	1.398	1.466	1.474	1.366	7.99
16)	2,2'-oxybis(1-...	2.813	2.893	2.801	2.810	2.724	2.903	2.860	2.829	2.19
17)	2-Methylphenol	1.178	1.191	1.168	1.182	1.162	1.256	1.242	1.197	3.10
18)	Hexachloroethane	0.610	0.597	0.594	0.605	0.599	0.628	0.624	0.608	2.19
19) P	n-Nitroso-di-n...	1.340	1.345	1.339	1.368	1.336	1.404	1.404	1.362	2.23
20)	3+4-Methylphenols	1.434	1.607	1.631	1.729	1.673	1.772	1.755	1.657	7.02
21) I	Naphthalene-d8	-----ISTD-----								
22)	Acetophenone	0.523	0.556	0.554	0.553	0.562	0.574	0.568	0.556	2.92
23) S	Nitrobenzene-d5	0.404	0.437	0.436	0.435	0.442	0.445	0.451	0.436	3.43
24)	Nitrobenzene	0.432	0.465	0.451	0.462	0.464	0.472	0.474	0.460	3.18
25)	Isophorone	0.775	0.816	0.793	0.808	0.808	0.807	0.807	0.802	1.71
26) C	2-Nitrophenol	0.185	0.186	0.192	0.185	0.191	0.197	0.199	0.191	2.98
27)	2,4-Dimethylph...	0.334	0.336	0.329	0.348	0.350	0.351	0.365	0.345	3.60
28)	bis(2-Chloroet...	0.494	0.461	0.477	0.471	0.477	0.484	0.487	0.479	2.31
29) C	2,4-Dichloroph...	0.310	0.328	0.342	0.339	0.345	0.351	0.354	0.338	4.53
30)	1,2,4-Trichlor...	0.407	0.421	0.402	0.415	0.416	0.424	0.429	0.416	2.28
31)	Naphthalene	1.089	1.079	1.062	1.079	1.077	1.105	1.108	1.086	1.49
32)	Benzoic acid		0.174	0.206	0.224	0.220	0.232	0.246	0.217	11.44
33)	4-Chloroaniline	0.411	0.465	0.454	0.464	0.457	0.477	0.476	0.458	4.85
34) C	Hexachlorobuta...	0.283	0.298	0.296	0.301	0.304	0.309	0.314	0.301	3.34
35)	Caprolactam	0.119	0.139	0.131	0.128	0.125	0.129	0.126	0.128	4.86
36) C	4-Chloro-3-met...	0.394	0.431	0.433	0.439	0.432	0.443	0.443	0.431	3.90
37)	2-Methylnaphth...	0.761	0.809	0.795	0.805	0.796	0.819	0.818	0.800	2.48

Method Path : Z:\HPCHEM1\BNA_G\METHODS\
 Method File : 8270-BG090717.M

38) I	Acenaphthene-d10	-----ISTD-----								
39)	1,2,4,5-Tetrac...	0.721	0.754	0.783	0.780	0.800	0.785	0.816	0.777	4.00
40) P	Hexachlorocycl...		0.145	0.230	0.281	0.296	0.320	0.354	0.271	27.36
41) S	2,4,6-Tribromo...	0.279	0.293	0.305	0.306	0.312	0.312	0.321	0.304	4.61
42) C	2,4,6-Trichlor...	0.467	0.459	0.488	0.506	0.506	0.517	0.531	0.496	5.29
43)	2,4,5-Trichlor...	0.450	0.471	0.498	0.503	0.506	0.516	0.527	0.496	5.41
44) S	2-Fluorobiphenyl	1.482	1.504	1.545	1.535	1.557	1.537	1.541	1.529	1.71
45)	1,1'-Biphenyl	1.626	1.631	1.686	1.666	1.705	1.686	1.755	1.679	2.64
46)	2-Chloronaphth...	1.228	1.233	1.272	1.269	1.298	1.314	1.314	1.275	2.78
47)	2-Nitroaniline	0.512	0.502	0.526	0.514	0.531	0.525	0.531	0.520	2.09
48)	Acenaphthylene	1.862	1.980	1.994	1.934	1.975	1.969	1.977	1.956	2.32
49)	Dimethylphthalate	1.669	1.677	1.652	1.628	1.640	1.638	1.631	1.648	1.15
50)	2,6-Dinitrotol...	0.324	0.336	0.372	0.372	0.375	0.374	0.374	0.361	5.94
51) C	Acenaphthene	1.134	1.187	1.197	1.205	1.217	1.208	1.236	1.198	2.68
52)	3-Nitroaniline	0.320	0.357	0.389	0.369	0.369	0.373	0.376	0.365	5.95
53) P	2,4-Dinitrophenol		0.129	0.181	0.210	0.206	0.218	0.230	0.195	18.58
54)	Dibenzofuran	1.760	1.846	1.875	1.844	1.871	1.876	1.890	1.852	2.36
55) P	4-Nitrophenol		0.247	0.255	0.256	0.268	0.264	0.269	0.260	3.32
56)	2,4-Dinitrotol...	0.486	0.505	0.537	0.507	0.537	0.530	0.541	0.520	4.05
57)	Fluorene	1.646	1.682	1.713	1.666	1.696	1.727	1.719	1.693	1.75
58)	2,3,4,6-Tetrac...	0.392	0.453	0.440	0.440	0.458	0.455	0.462	0.443	5.37
59)	Diethylphthalate	1.789	1.802	1.727	1.685	1.709	1.696	1.679	1.727	2.88
60)	4-Chlorophenyl...	0.942	0.940	0.951	0.946	0.977	0.965	0.970	0.956	1.53
61)	4-Nitroaniline	0.343	0.402	0.413	0.400	0.405	0.398	0.402	0.395	5.90
62)	Azobenzene	1.580	1.569	1.554	1.513	1.534	1.518	1.526	1.542	1.70
63) I	Phenanthrene-d10	-----ISTD-----								
64)	4,6-Dinitro-2-...		0.135	0.134	0.141	0.148	0.143	0.151	0.142	4.79
65) c	n-Nitrosodiphe...	0.554	0.589	0.583	0.601	0.616	0.588	0.603	0.591	3.33
66)	4-Bromophenyl-...	0.257	0.243	0.252	0.265	0.267	0.261	0.273	0.260	3.85
67)	Hexachlorobenzene	0.284	0.278	0.275	0.289	0.290	0.285	0.300	0.286	2.93
68)	Atrazine	0.232	0.230	0.213	0.209	0.209	0.199	0.199	0.213	6.20
69) C	Pentachlorophenol		0.114	0.128	0.132	0.140	0.138	0.148	0.133	8.79
70)	Phenanthrene	1.031	1.058	1.057	1.075	1.097	1.055	1.072	1.064	1.93
71)	Anthracene	1.065	1.084	1.074	1.086	1.102	1.070	1.089	1.082	1.16
72)	Carbazole	0.934	0.990	0.982	0.973	0.983	0.953	0.959	0.968	2.07
73)	Di-n-butylphth...	1.198	1.200	1.159	1.174	1.198	1.155	1.141	1.175	2.06
74) C	Fluoranthene	1.352	1.379	1.367	1.361	1.375	1.336	1.336	1.358	1.29
75) I	Chrysene-d12	-----ISTD-----								
76)	Benzidine		0.442	0.462	0.406	0.406	0.367	0.356	0.406	10.12
77)	Pyrene	1.178	1.188	1.219	1.182	1.208	1.158	1.171	1.186	1.79
78) S	Terphenyl-d14	0.931	0.966	0.938	0.925	0.954	0.893	0.891	0.928	3.03
79)	Butylbenzylphth...	0.485	0.450	0.458	0.448	0.466	0.449	0.457	0.459	2.81
80)	Benzo(a)anthra...	1.208	1.219	1.212	1.173	1.223	1.155	1.192	1.197	2.12
81)	3,3'-Dichlorob...	0.417	0.468	0.479	0.458	0.477	0.459	0.463	0.460	4.49
82)	Chrysene	1.135	1.146	1.134	1.112	1.151	1.102	1.126	1.129	1.58

Method Path : Z:\HPCHEM1\BNA_G\METHODS\
Method File : 8270-BG090717.M

83)	Bis(2-ethylhex...	0.705	0.669	0.663	0.646	0.665	0.637	0.643	0.661	3.45
84) c	Di-n-octyl pht...	1.168	1.130	1.142	1.111	1.154	1.097	1.130	1.133	2.13
85)	Indeno(1,2,3-c...	1.295	1.322	1.350	1.322	1.383	1.326	1.366	1.338	2.25
86) I	Perylene-d12	-----ISTD-----								
87)	Benzo(b)fluora...	1.240	1.195	1.260	1.253	1.272	1.252	1.297	1.253	2.50
88)	Benzo(k)fluora...	1.139	1.195	1.173	1.248	1.241	1.227	1.245	1.210	3.48
89) C	Benzo(a)pyrene	1.115	1.154	1.177	1.183	1.202	1.187	1.207	1.175	2.68
90)	Dibenzo(a,h)an...	1.132	1.188	1.204	1.244	1.252	1.249	1.266	1.219	3.91
91)	Benzo(g,h,i)pe...	1.163	1.160	1.193	1.208	1.213	1.203	1.231	1.196	2.19

(#) = Out of Range