

Method Path : Z:\HPCHEM1\BNA_G\METHODS\
 Method File : 8270-BG041817.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Tue Apr 18 18:04:39 2017
 Response Via : Initial Calibration

Calibration Files

2.5 =BG026646.D 10 =BG026647.D 25 =BG026648.D 40 =BG026649.D 50 =BG026650.D 60 =BG026651.D 80 =BG026652.D

	Compound	2.5	10	25	40	50	60	80	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----								
2)	1,4-Dioxane	0.574	0.590	0.581	0.558	0.582	0.578	0.563	0.575	1.95
3)	Pyridine	1.233	1.253	1.308	1.276	1.301	1.343	1.302	1.288	2.86
4)	n-Nitrosodimet...	0.454	0.342	0.363	0.363	0.365	0.374	0.362	0.375	9.65
5) S	2-Fluorophenol	1.110	1.128	1.129	1.064	1.097	1.113	1.061	1.100	2.54
6)	Aniline	1.470	1.805	1.869	1.827	1.839	1.932	1.860	1.800	8.40
7) S	Phenol-d6	1.412	1.488	1.485	1.423	1.421	1.466	1.396	1.442	2.59
8)	2-Chlorophenol	1.321	1.335	1.327	1.284	1.294	1.341	1.287	1.313	1.82
9)	Benzaldehyde	1.041	1.049	1.015	0.960	0.949	0.966	0.854	0.977	6.87
10) C	Phenol	1.492	1.637	1.603	1.547	1.548	1.603	1.549	1.568	3.10
11)	bis(2-Chloroet...	1.278	1.303	1.249	1.214	1.211	1.267	1.218	1.249	2.86
12)	1,3-Dichlorobe...	1.594	1.580	1.577	1.486	1.525	1.568	1.500	1.547	2.79
13) C	1,4-Dichlorobe...	1.654	1.613	1.582	1.517	1.541	1.589	1.506	1.572	3.41
14)	1,2-Dichlorobe...	1.514	1.549	1.510	1.436	1.452	1.495	1.439	1.485	2.92
15)	Benzyl Alcohol	0.846	0.892	0.891	0.882	0.896	0.964	0.940	0.902	4.32
16)	2,2'-oxybis(1-...	1.310	1.234	1.222	1.156	1.156	1.222	1.156	1.208	4.74
17)	2-Methylphenol	1.066	1.111	1.114	1.079	1.080	1.136	1.109	1.099	2.26
18)	Hexachloroethane	0.516	0.489	0.494	0.478	0.489	0.509	0.495	0.496	2.63
19) P	n-Nitroso-di-n...	0.927	0.902	0.901	0.867	0.856	0.922	0.881	0.894	2.99
20)	3+4-Methylphenols	1.363	1.530	1.545	1.507	1.487	1.604	1.536	1.510	4.92
21) I	Naphthalene-d8	-----ISTD-----								
22)	Acetophenone	0.452	0.474	0.470	0.452	0.451	0.457	0.442	0.457	2.48
23) S	Nitrobenzene-d5	0.287	0.292	0.293	0.285	0.287	0.286	0.277	0.287	1.78
24)	Nitrobenzene	0.297	0.314	0.307	0.304	0.303	0.304	0.297	0.304	1.93
25)	Isophorone	0.591	0.595	0.592	0.585	0.575	0.596	0.579	0.588	1.38
26) C	2-Nitrophenol	0.167	0.182	0.185	0.184	0.187	0.193	0.190	0.184	4.50
27)	2,4-Dimethylph...	0.298	0.294	0.297	0.298	0.297	0.300	0.294	0.297	0.71
28)	bis(2-Chloroet...	0.378	0.398	0.393	0.380	0.380	0.386	0.373	0.384	2.28
29) C	2,4-Dichloroph...	0.280	0.312	0.323	0.309	0.315	0.320	0.314	0.310	4.59
30)	1,2,4-Trichlor...	0.349	0.360	0.351	0.340	0.343	0.343	0.336	0.346	2.30
31)	Naphthalene	1.036	1.038	1.011	0.969	0.957	0.946	0.914	0.982	4.86
32)	Benzoic acid		0.061	0.155	0.190	0.205	0.225	0.228	0.177	35.44
33)	4-Chloroaniline	0.390	0.426	0.434	0.427	0.418	0.430	0.422	0.421	3.44
34) C	Hexachlorobuta...	0.201	0.197	0.200	0.196	0.198	0.200	0.193	0.198	1.37
35)	Caprolactam	0.111	0.123	0.121	0.123	0.118	0.123	0.123	0.121	3.95
36) C	4-Chloro-3-met...	0.289	0.321	0.321	0.312	0.309	0.321	0.314	0.313	3.62
37)	2-Methylnaphth...	0.770	0.786	0.779	0.746	0.741	0.748	0.718	0.755	3.18

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38) I	Acenaphthene-d10	-----ISTD-----								
39)	1,2,4,5-Tetrac...	0.626	0.638	0.633	0.604	0.612	0.611	0.588	0.616	2.86
40) P	Hexachlorocycl...		0.245	0.297	0.319	0.333	0.338	0.336	0.311	11.48
41) S	2,4,6-Tribromo...	0.309	0.289	0.277	0.269	0.267	0.274	0.265	0.279	5.63
42) C	2,4,6-Trichlor...	0.426	0.442	0.441	0.439	0.439	0.448	0.435	0.439	1.53
43)	2,4,5-Trichlor...	0.465	0.465	0.472	0.462	0.458	0.470	0.456	0.464	1.29
44) S	2-Fluorobiphenyl	1.567	1.503	1.415	1.298	1.277	1.221	1.119	1.343	11.89
45)	1,1'-Biphenyl	1.765	1.752	1.684	1.584	1.565	1.565	1.461	1.625	6.88
46)	2-Chloronaphth...	1.330	1.284	1.267	1.208	1.200	1.196	1.135	1.232	5.34
47)	2-Nitroaniline	0.280	0.316	0.320	0.324	0.317	0.328	0.317	0.315	4.97
48)	Acenaphthylene	2.117	2.125	2.057	1.951	1.913	1.907	1.793	1.981	6.23
49)	Dimethylphthalate	1.650	1.732	1.630	1.554	1.533	1.524	1.460	1.583	5.82
50)	2,6-Dinitrotol...	0.321	0.373	0.382	0.376	0.378	0.385	0.378	0.370	5.96
51) C	Acenaphthene	1.382	1.313	1.281	1.234	1.220	1.226	1.167	1.260	5.63
52)	3-Nitroaniline	0.373	0.408	0.410	0.411	0.411	0.411	0.403	0.404	3.39
53) P	2,4-Dinitrophenol		0.070	0.154	0.179	0.207	0.210	0.222	0.174	32.62
54)	Dibenzofuran	2.202	2.142	2.034	1.917	1.873	1.855	1.729	1.965	8.59
55) P	4-Nitrophenol		0.318	0.340	0.349	0.347	0.350	0.343	0.341	3.48
56)	2,4-Dinitrotol...	0.440	0.531	0.542	0.539	0.541	0.552	0.536	0.526	7.30
57)	Fluorene	1.784	1.750	1.663	1.589	1.544	1.540	1.454	1.618	7.41
58)	2,3,4,6-Tetrac...	0.537	0.506	0.464	0.447	0.445	0.463	0.441	0.472	7.64
59)	Diethylphthalate	1.766	1.747	1.642	1.583	1.530	1.541	1.459	1.610	7.12
60)	4-Chlorophenyl...	0.845	0.832	0.823	0.805	0.780	0.795	0.770	0.807	3.42
61)	4-Nitroaniline	0.363	0.442	0.455	0.443	0.439	0.441	0.431	0.431	7.11
62)	Azobenzene	1.261	1.320	1.281	1.245	1.199	1.221	1.167	1.242	4.14
63) I	Phenanthrene-d10	-----ISTD-----								
64)	4,6-Dinitro-2-...		0.110	0.137	0.136	0.143	0.143	0.142	0.135	9.57
65) c	n-Nitrosodiphe...	0.586	0.606	0.607	0.568	0.570	0.563	0.538	0.577	4.32
66)	4-Bromophenyl-...	0.218	0.216	0.224	0.213	0.218	0.223	0.218	0.219	1.71
67)	Hexachlorobenzene	0.244	0.245	0.243	0.236	0.238	0.241	0.235	0.240	1.65
68)	Atrazine	0.221	0.238	0.237	0.222	0.226	0.220	0.215	0.226	3.90
69) C	Pentachlorophenol		0.121	0.149	0.147	0.151	0.153	0.150	0.145	8.22
70)	Phenanthrene	1.146	1.146	1.095	1.000	0.992	0.955	0.874	1.030	9.97
71)	Anthracene	1.159	1.184	1.143	1.035	1.027	0.986	0.915	1.064	9.42
72)	Carbazole	1.105	1.154	1.101	0.992	0.984	0.931	0.865	1.019	10.27
73)	Di-n-butylphth...	1.319	1.306	1.241	1.106	1.084	1.023	0.920	1.143	13.17
74) C	Fluoranthene		1.435	1.351	1.179	1.151	1.079	0.967	1.194	14.49
75) I	Chrysene-d12	-----ISTD-----								
76)	Benzidine		0.259	0.504	0.549	0.556	0.575	0.540	0.497	23.90
77)	Pyrene	1.179	1.246	1.147	1.053	1.010	1.006	0.897	1.077	11.15
78) S	Terphenyl-d14		0.821	0.731	0.647	0.603	0.586		0.677	14.47
79)	Butylbenzylpht...	0.485	0.477	0.479	0.454	0.455	0.457	0.434	0.463	3.91
80)	Benzo(a)anthra...	1.211	1.189	1.142	1.039	1.029	1.018	0.933	1.080	9.45
81)	3,3'-Dichlorob...	0.460	0.473	0.469	0.441	0.438	0.444	0.412	0.448	4.71
82)	Chrysene	1.115	1.096	1.044	0.963	0.938	0.941	0.862	0.994	9.35

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83)	Bis(2-ethylhex...	0.746	0.707	0.694	0.647	0.642	0.639	0.598	0.668	7.52
84) c	Di-n-octyl pht...	1.158	1.198	1.189	1.097	1.093	1.087	0.982	1.115	6.71
85)	Indeno(1,2,3-c...	1.333	1.385	1.402	1.341	1.351	1.391	1.337	1.363	2.11
86) I	Perylene-d12	-----ISTD-----								
87)	Benzo(b)fluora...	1.193	1.217	1.192	1.138	1.139	1.105	1.032	1.145	5.56
88)	Benzo(k)fluora...	1.177	1.204	1.140	1.081	1.069	1.071	0.984	1.104	6.79
89) C	Benzo(a)pyrene	1.154	1.153	1.146	1.094	1.092	1.081	1.018	1.106	4.50
90)	Dibenzo(a,h)an...	1.065	1.176	1.181	1.140	1.144	1.151	1.092	1.136	3.74
91)	Benzo(g,h,i)pe...	1.156	1.152	1.157	1.122	1.129	1.137	1.095	1.136	1.98

(#) = Out of Range