

Method Path : Z:\HPCHEM1\BNA_G\METHODS\
 Method File : 8270-BG061215.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Sat Jun 13 02:22:44 2015
 Response Via : Initial Calibration

Calibration Files

2.5 =BG017639.D 10 =BG017640.D 25 =BG017641.D 40 =BG017642.D 50 =BG017643.D 60 =BG017644.D 80 =BG017645.D

	Compound	2.5	10	25	40	50	60	80	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----								
2)	1,4-Dioxane	0.556	0.520	0.492	0.508	0.498	0.505	0.522	0.514	4.15
3)	Pyridine	1.163	1.220	1.357	1.372	1.388	1.418	1.400	1.331	7.40
4)	n-Nitrosodimet...	0.756	0.739	0.706	0.768	0.731	0.843	0.818	0.766	6.39
5) S	2-Fluorophenol	0.867	1.007	1.046	1.053	1.050	1.120	1.087	1.033	7.87
6)	Aniline	1.837	1.894	2.032	2.097	2.033	2.149	2.063	2.015	5.51
7) S	Phenol-d6	1.336	1.442	1.513	1.537	1.550	1.637	1.576	1.513	6.48
8)	2-Chlorophenol	1.298	1.220	1.240	1.232	1.224	1.294	1.265	1.253	2.63
9)	Benzaldehyde	1.150	1.081	1.103	1.009	0.988	0.999	0.830	1.023	10.19
10) C	Phenol	1.525	1.567	1.558	1.527	1.572	1.647	1.621	1.574	2.89
11)	bis(2-Chloroet...	1.315	1.115	1.082	1.135	1.180	1.175	1.167	1.167	6.37
12)	1,3-Dichlorobe...	1.417	1.489	1.411	1.448	1.457	1.538	1.489	1.464	3.06
13) C	1,4-Dichlorobe...	1.446	1.503	1.537	1.548	1.548	1.633	1.583	1.543	3.82
14)	1,2-Dichlorobe...	1.335	1.441	1.359	1.494	1.458	1.522	1.427	1.434	4.72
15)	Benzyl Alcohol	1.362	1.615	1.619	1.767	1.730	1.788	1.793	1.668	9.24
16)	2,2'-oxybis(1-...	0.421	0.397	0.494	0.491	0.475	0.511	0.484	0.467	9.00
17)	2-Methylphenol	0.964	1.106	1.195	1.147	1.186	1.208	1.178	1.140	7.47
18)	Hexachloroethane	0.568	0.607	0.657	0.647	0.668	0.674	0.663	0.641	6.07
19) P	n-Nitroso-di-n...	1.260	1.263	1.344	1.419	1.386	1.453	1.376	1.357	5.44
20)	3+4-Methylphenols	1.184	1.470	1.610	1.681	1.665	1.696	1.681	1.570	11.92
21) I	Naphthalene-d8	-----ISTD-----								
22)	Acetophenone	0.483	0.503	0.522	0.532	0.542	0.542	0.565	0.527	5.17
23) S	Nitrobenzene-d5	0.419	0.461	0.480	0.482	0.493	0.490	0.509	0.476	6.09
24)	Nitrobenzene	0.455	0.536	0.508	0.522	0.511	0.541	0.538	0.516	5.79
25)	Isophorone	0.764	0.880	0.920	0.908	0.918	0.935	0.939	0.895	6.82
26) C	2-Nitrophenol	0.200	0.180	0.200	0.192	0.199	0.209	0.208	0.198	5.01
27)	2,4-Dimethylph...	0.309	0.291	0.319	0.329	0.314	0.328	0.343	0.319	5.19
28)	bis(2-Chloroet...	0.349	0.385	0.394	0.396	0.382	0.391	0.417	0.388	5.27
29) C	2,4-Dichloroph...	0.236	0.330	0.358	0.368	0.354	0.372	0.364	0.340	14.04
30)	1,2,4-Trichlor...	0.386	0.443	0.437	0.451	0.440	0.456	0.465	0.440	5.83
31)	Naphthalene	1.053	1.056	1.070	1.086	1.087	1.092	1.115	1.080	2.03
32)	Benzoic acid		0.151	0.165	0.197	0.193	0.223	0.208	0.190	14.16
33)	4-Chloroaniline	0.343	0.437	0.427	0.462	0.460	0.487	0.477	0.442	10.91
34) C	Hexachlorobuta...	0.360	0.394	0.372	0.360	0.373	0.379	0.404	0.377	4.33
35)	Caprolactam	0.100	0.154	0.154	0.175	0.168	0.157	0.163	0.153	16.03
36) C	4-Chloro-3-met...	0.369	0.412	0.455	0.450	0.434	0.473	0.453	0.435	7.99
37)	2-Methylnaphth...	0.860	0.837	0.837	0.869	0.860	0.885	0.894	0.863	2.53

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38) I	Acenaphthene-d10	-----ISTD-----								
39)	1,2,4,5-Tetrac...	0.776	0.764	0.811	0.828	0.801	0.802	0.854	0.805	3.78
40) P	Hexachlorocycl...		0.051	0.159	0.218	0.241	0.271	0.350	0.215	47.50
41) S	2,4,6-Tribromo...	0.322	0.333	0.332	0.361	0.344	0.349	0.375	0.345	5.25
42) C	2,4,6-Trichlor...	0.461	0.464	0.526	0.500	0.499	0.507	0.538	0.499	5.74
43)	2,4,5-Trichlor...	0.427	0.527	0.522	0.549	0.532	0.533	0.566	0.522	8.56
44) S	2-Fluorobiphenyl	1.430	1.370	1.462	1.462	1.412	1.433	1.553	1.446	3.93
45)	1,1'-Biphenyl	1.502	1.349	1.472	1.498	1.424	1.443	1.578	1.467	4.90
46)	2-Chloronaphth...	1.201	1.119	1.264	1.229	1.189	1.214	1.304	1.217	4.80
47)	2-Nitroaniline	0.352	0.396	0.454	0.461	0.438	0.451	0.457	0.430	9.53
48)	Acenaphthylene	2.018	1.981	2.081	2.150	1.994	2.035	2.221	2.068	4.27
49)	Dimethylphthalate	1.691	1.630	1.745	1.797	1.657	1.683	1.785	1.713	3.75
50)	2,6-Dinitrotol...	0.353	0.350	0.384	0.385	0.373	0.374	0.409	0.376	5.39
51) C	Acenaphthene	1.103	1.221	1.264	1.272	1.210	1.213	1.318	1.228	5.51
52)	3-Nitroaniline	0.254	0.353	0.345	0.359	0.344	0.333	0.362	0.336	11.16
53) P	2,4-Dinitrophenol		0.090	0.138	0.192	0.188	0.216	0.234	0.176	30.25
54)	Dibenzofuran	1.955	1.934	2.078	2.101	1.961	2.014	2.155	2.028	4.17
55) P	4-Nitrophenol		0.129	0.216	0.224	0.214	0.220	0.259	0.210	20.38
56)	2,4-Dinitrotol...	0.402	0.529	0.579	0.594	0.545	0.550	0.616	0.545	12.84
57)	Fluorene	1.621	1.659	1.781	1.795	1.710	1.725	1.889	1.740	5.18
58)	2,3,4,6-Tetrac...	0.490	0.552	0.595	0.619	0.555	0.571	0.600	0.569	7.48
59)	Diethylphthalate	2.062	1.869	1.871	1.936	1.799	1.815	1.949	1.900	4.76
60)	4-Chlorophenyl...	1.060	1.024	1.053	1.104	1.078	1.105	1.202	1.090	5.27
61)	4-Nitroaniline	0.262	0.368	0.371	0.382	0.375	0.343	0.403	0.358	12.86
62)	Azobenzene	1.957	2.049	2.119	2.136	2.008	2.032	2.138	2.063	3.41
63) I	Phenanthrene-d10	-----ISTD-----								
64)	4,6-Dinitro-2-...		0.107	0.144	0.153	0.151	0.163	0.171	0.148	15.16
65) c	n-Nitrosodiphe...	0.543	0.563	0.588	0.583	0.587	0.605	0.611	0.583	4.01
66)	4-Bromophenyl-...	0.243	0.251	0.269	0.273	0.267	0.277	0.282	0.266	5.35
67)	Hexachlorobenzene	0.267	0.288	0.280	0.299	0.285	0.299	0.309	0.289	4.86
68)	Atrazine	0.282	0.287	0.299	0.295	0.278	0.285	0.285	0.287	2.59
69) C	Pentachlorophenol		0.075	0.102	0.119	0.125	0.133	0.134	0.114	19.78
70)	Phenanthrene	1.131	1.124	1.120	1.110	1.083	1.109	1.137	1.116	1.61
71)	Anthracene	1.105	1.104	1.085	1.125	1.080	1.127	1.132	1.108	1.88
72)	Carbazole	0.913	1.010	1.068	1.048	0.995	1.015	1.065	1.016	5.25
73)	Di-n-butylphth...	1.120	1.265	1.291	1.280	1.213	1.255	1.281	1.244	4.84
74) C	Fluoranthene	1.487	1.654	1.635	1.621	1.541	1.592	1.649	1.597	3.90
75) I	Chrysene-d12	-----ISTD-----								
76)	Benzidine	0.377	0.455	0.501	0.499	0.489	0.494	0.457	0.467	9.47
77)	Pyrene	1.116	1.142	1.133	1.149	1.096	1.141	1.127	1.129	1.64
78) S	Terphenyl-d14	0.981	0.950	0.951	0.997	0.937	0.968	0.928	0.959	2.55
79)	Butylbenzylphth...	0.407	0.401	0.398	0.411	0.401	0.411	0.424	0.408	2.23
80)	Benzo(a)anthra...	1.298	1.265	1.224	1.246	1.174	1.219	1.211	1.234	3.25
81)	3,3'-Dichlorob...	0.394	0.418	0.447	0.455	0.440	0.467	0.471	0.442	6.26
82)	Chrysene	1.120	1.127	1.121	1.130	1.073	1.113	1.104	1.113	1.75

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83)	Bis(2-ethylhex...	0.609	0.575	0.578	0.596	0.584	0.618	0.633	0.599	3.68
84) c	Di-n-octyl pht...	1.041	0.981	1.010	0.975	0.949	1.008	1.019	0.998	3.12
85)	Indeno(1,2,3-c...	1.540	1.397	1.419	1.439	1.384	1.467	1.483	1.447	3.76
86) I	Perylene-d12	-----ISTD-----								
87)	Benzo(b)fluora...	1.319	1.270	1.283	1.289	1.246	1.302	1.313	1.289	2.00
88)	Benzo(k)fluora...	1.364	1.184	1.182	1.281	1.145	1.252	1.274	1.240	6.07
89) C	Benzo(a)pyrene	1.277	1.135	1.156	1.205	1.133	1.204	1.224	1.191	4.43
90)	Dibenzo(a,h)an...	1.245	1.153	1.198	1.278	1.180	1.274	1.297	1.232	4.49
91)	Benzo(g,h,i)pe...	1.180	1.132	1.129	1.212	1.130	1.198	1.220	1.172	3.46

(#) = Out of Range