

Method Path : Z:\HPCHEM1\BNA_G\METHODS\
 Method File : 8270-BG042915.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Fri May 08 17:26:43 2015
 Response Via : Initial Calibration

Calibration Files

2.5 =BG016793.D 10 =BG016794.D 25 =BG016795.D 40 =BG016796.D 50 =BG016797.D 60 =BG016798.D 80 =BG016799.D

	Compound	2.5	10	25	40	50	60	80	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----								
2)	1,4-Dioxane	0.563	0.457	0.445	0.446	0.416	0.463	0.465	10.86	
3)	Pyridine	1.374	1.264	1.262	1.250	1.265	1.418	1.305	5.50	
4)	n-Nitrosodimet...	0.397	0.369	0.374	0.374	0.366	0.406	0.381	4.30	
5) S	2-Fluorophenol	1.097	1.181	1.049	1.040	1.059	1.033	1.142	1.086	5.22
6)	Aniline	1.916	2.120	2.041	2.005	2.062	2.008	2.270	2.060	5.41
7) S	Phenol-d6	1.362	1.582	1.497	1.493	1.543	1.511	1.680	1.524	6.35
8)	2-Chlorophenol	1.312	1.455	1.339	1.352	1.371	1.338	1.494	1.380	4.92
9)	Benzaldehyde	0.837	0.956	0.866	0.858	0.867	0.836	0.862	0.869	4.68
10) C	Phenol	1.445	1.601	1.534	1.524	1.556	1.551	1.731	1.563	5.62
11)	bis(2-Chloroet...	1.283	1.340	1.211	1.185	1.197	1.181	1.332	1.247	5.60
12)	1,3-Dichlorobe...	1.510	1.602	1.437	1.396	1.424	1.389	1.535	1.470	5.45
13) C	1,4-Dichlorobe...	1.571	1.642	1.450	1.429	1.451	1.418	1.558	1.503	5.78
14)	1,2-Dichlorobe...	1.479	1.579	1.403	1.358	1.387	1.363	1.507	1.439	5.84
15)	Benzyl Alcohol	0.825	0.905	0.916	0.938	0.984	0.974	1.106	0.950	9.14
16)	2,2'-oxybis(1-...	1.081	1.183	1.086	1.052	1.085	1.043	1.175	1.101	5.07
17)	2-Methylphenol	1.044	1.165	1.104	1.108	1.114	1.113	1.234	1.126	5.26
18)	Hexachloroethane	0.565	0.586	0.507	0.502	0.504	0.489	0.556	0.530	7.22
19) P	n-Nitroso-di-n...	0.863	0.995	0.973	0.951	0.983	0.971	1.082	0.974	6.65
20)	3+4-Methylphenols	1.290	1.585	1.543	1.533	1.571	1.555	1.749	1.547	8.71
21) I	Naphthalene-d8	-----ISTD-----								
22)	Acetophenone	0.391	0.428	0.397	0.390	0.389	0.390	0.424	0.401	4.28
23) S	Nitrobenzene-d5	0.307	0.318	0.305	0.300	0.300	0.295	0.325	0.307	3.47
24)	Nitrobenzene	0.284	0.313	0.285	0.279	0.282	0.279	0.308	0.290	4.91
25)	Isophorone	0.621	0.641	0.611	0.586	0.594	0.591	0.636	0.611	3.63
26) C	2-Nitrophenol	0.164	0.187	0.185	0.181	0.184	0.182	0.204	0.184	6.35
27)	2,4-Dimethylph...	0.300	0.317	0.302	0.297	0.297	0.297	0.319	0.304	3.25
28)	bis(2-Chloroet...	0.361	0.380	0.356	0.341	0.342	0.344	0.370	0.356	4.26
29) C	2,4-Dichloroph...	0.240	0.274	0.266	0.258	0.264	0.263	0.287	0.264	5.38
30)	1,2,4-Trichlor...	0.302	0.302	0.275	0.265	0.265	0.263	0.287	0.280	6.14
31)	Naphthalene	1.082	1.086	0.989	0.946	0.949	0.931	1.004	0.998	6.41
32)	Benzoic acid	0.134	0.124	0.153	0.164	0.148	0.182	0.151	13.75	
33)	4-Chloroaniline	0.369	0.446	0.447	0.430	0.434	0.436	0.473	0.434	7.38
34) C	Hexachlorobuta...	0.143	0.135	0.126	0.118	0.119	0.119	0.129	0.127	7.47
35)	Caprolactam	0.142	0.149	0.142	0.143	0.141	0.153	0.145	3.16	
36) C	4-Chloro-3-met...	0.288	0.304	0.304	0.288	0.297	0.292	0.314	0.298	3.26
37)	2-Methylnaphth...	0.767	0.791	0.735	0.691	0.700	0.692	0.743	0.731	5.36

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38) I	Acenaphthene-d10	-----ISTD-----								
39)	1,2,4,5-Tetrac...	0.469	0.483	0.443	0.439	0.434	0.436	0.476	0.454	4.61
40) P	Hexachlorocycl...		0.018	0.052	0.079	0.090	0.102	0.139	0.080	52.14
41) S	2,4,6-Tribromo...	0.142	0.157	0.153	0.145	0.147	0.145	0.154	0.149	3.65
42) C	2,4,6-Trichlor...	0.345	0.345	0.340	0.336	0.335	0.334	0.370	0.343	3.65
43)	2,4,5-Trichlor...	0.331	0.358	0.339	0.348	0.338	0.344	0.380	0.348	4.71
44) S	2-Fluorobiphenyl	1.427	1.423	1.289	1.226	1.217	1.196	1.265	1.292	7.44
45)	1,1'-Biphenyl	1.560	1.593	1.446	1.404	1.406	1.381	1.497	1.469	5.62
46)	2-Chloronaphth...	1.197	1.208	1.107	1.089	1.086	1.074	1.176	1.134	5.09
47)	2-Nitroaniline	0.248	0.295	0.284	0.276	0.282	0.285	0.312	0.283	6.85
48)	Acenaphthylene	2.110	2.196	2.021	1.927	1.924	1.903	2.030	2.016	5.39
49)	Dimethylphthalate	1.506	1.557	1.441	1.367	1.370	1.347	1.448	1.434	5.45
50)	2,6-Dinitrotol...	0.344	0.361	0.351	0.341	0.347	0.340	0.374	0.351	3.48
51) C	Acenaphthene	1.285	1.310	1.167	1.133	1.141	1.139	1.221	1.199	6.16
52)	3-Nitroaniline	0.323	0.400	0.405	0.397	0.407	0.403	0.443	0.397	9.11
53) P	2,4-Dinitrophenol		0.045	0.099	0.122	0.139	0.153	0.183	0.123	38.73
54)	Dibenzofuran	1.840	1.861	1.704	1.619	1.618	1.603	1.714	1.708	6.22
55) P	4-Nitrophenol		0.179	0.238	0.243	0.260	0.262	0.296	0.246	15.76
56)	2,4-Dinitrotol...	0.427	0.489	0.491	0.473	0.481	0.473	0.513	0.478	5.55
57)	Fluorene	1.575	1.629	1.508	1.433	1.441	1.416	1.506	1.501	5.27
58)	2,3,4,6-Tetrac...	0.251	0.244	0.278	0.264	0.269	0.259	0.288	0.265	5.75
59)	Diethylphthalate	1.558	1.607	1.496	1.407	1.428	1.389	1.493	1.482	5.44
60)	4-Chlorophenyl...	0.693	0.685	0.632	0.601	0.601	0.595	0.630	0.634	6.40
61)	4-Nitroaniline	0.271	0.399	0.407	0.417	0.429	0.425	0.455	0.400	14.92
62)	Azobenzene	1.270	1.304	1.226	1.167	1.188	1.169	1.261	1.226	4.37
63) I	Phenanthrene-d10	-----ISTD-----								
64)	4,6-Dinitro-2-...		0.088	0.108	0.119	0.124	0.127	0.140	0.118	15.32
65) c	n-Nitrosodiphe...	0.660	0.692	0.643	0.633	0.625	0.619	0.668	0.649	4.03
66)	4-Bromophenyl-...	0.161	0.172	0.157	0.156	0.154	0.155	0.169	0.161	4.59
67)	Hexachlorobenzene	0.173	0.184	0.165	0.162	0.160	0.161	0.171	0.168	5.14
68)	Atrazine	0.185	0.203	0.192	0.184	0.183	0.183	0.192	0.189	3.92
69) C	Pentachlorophenol		0.034	0.052	0.061	0.062	0.068	0.079	0.059	25.51
70)	Phenanthrene	1.176	1.196	1.077	1.033	1.021	1.006	1.063	1.082	6.96
71)	Anthracene	1.142	1.160	1.087	1.053	1.041	1.021	1.070	1.082	4.78
72)	Carbazole	1.071	1.169	1.064	1.023	1.030	0.998	1.053	1.058	5.20
73)	Di-n-butylphth...	1.412	1.440	1.328	1.254	1.249	1.218	1.260	1.309	6.65
74) C	Fluoranthene	1.324	1.294	1.176	1.101	1.091	1.056	1.100	1.163	9.14
75) I	Chrysene-d12	-----ISTD-----								
76)	Benzidine	0.616	0.747	0.802	0.800	0.808	0.790	0.821	0.769	9.29
77)	Pyrene	1.406	1.417	1.324	1.262	1.252	1.214	1.279	1.308	5.97
78) S	Terphenyl-d14	0.947	0.950	0.854	0.790	0.779	0.740	0.745	0.829	10.82
79)	Butylbenzylphth...	0.669	0.673	0.639	0.627	0.637	0.630	0.686	0.652	3.61
80)	Benzo(a)anthra...	1.298	1.259	1.144	1.087	1.097	1.074	1.129	1.155	7.63
81)	3,3'-Dichlorob...	0.387	0.428	0.389	0.387	0.391	0.379	0.391	0.393	4.04
82)	Chrysene	1.213	1.220	1.075	1.032	1.032	1.010	1.068	1.093	8.00

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83)	Bis(2-ethylhex...	0.975	0.967	0.893	0.884	0.884	0.886	0.929	0.917	4.38
84) c	Di-n-octyl pht...	1.677	1.669	1.548	1.490	1.495	1.458	1.511	1.550	5.70
85)	Indeno(1,2,3-c...	1.479	1.300	1.214	1.158	1.164	1.158	1.235	1.244	9.31
86) I	Perylene-d12	-----ISTD-----								
87)	Benzo(b)fluora...	1.220	1.200	1.126	1.088	1.084	1.077	1.175	1.139	5.22
88)	Benzo(k)fluora...	1.159	1.237	1.102	1.086	1.070	1.058	1.093	1.115	5.63
89) C	Benzo(a)pyrene	1.146	1.166	1.061	1.027	1.029	1.025	1.094	1.078	5.46
90)	Dibenzo(a,h)an...	1.325	1.113	1.068	1.009	1.010	1.014	1.075	1.088	10.27
91)	Benzo(g,h,i)pe...	1.336	1.115	1.054	1.009	1.016	1.017	1.105	1.093	10.56

(#) = Out of Range