

Method Path : Z:\HPCHEM1\BNA_G\METHODS\
 Method File : 8270-BG042115.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Wed Apr 22 02:10:07 2015
 Response Via : Initial Calibration

Calibration Files

2.5 =BG016584.D 10 =BG016585.D 25 =BG016586.D 40 =BG016587.D 50 =BG016588.D 60 =BG016589.D 80 =BG016590.D

	Compound	2.5	10	25	40	50	60	80	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----								
2)	1,4-Dioxane	0.622	0.580	0.538	0.578	0.534	0.543	0.533	0.561	6.01
3)	Pyridine	1.406	1.557	1.591	1.623	1.544	1.557	1.589	1.552	4.50
4)	n-Nitrosodimet...	0.474	0.456	0.478	0.477	0.449	0.452	0.465	0.465	2.61
5) S	2-Fluorophenol	1.307	1.256	1.254	1.275	1.196	1.221	1.226	1.248	2.98
6)	Aniline	2.278	2.392	2.543	2.515	2.354	2.348	2.425	2.408	3.93
7) S	Phenol-d6	1.653	1.728	1.846	1.834	1.709	1.703	1.731	1.743	4.06
8)	2-Chlorophenol	1.484	1.476	1.553	1.516	1.450	1.456	1.493	1.490	2.38
9)	Benzaldehyde	1.055	1.002	0.709	0.720	0.676	0.600	0.793	23.65	
10) C	Phenol	1.760	1.817	1.939	1.946	1.798	1.798	1.850	1.844	3.92
11)	bis(2-Chloroet...	1.474	1.496	1.506	1.450	1.376	1.373	1.431	1.444	3.73
12)	1,3-Dichlorobe...	1.639	1.651	1.571	1.544	1.484	1.490	1.510	1.555	4.38
13) C	1,4-Dichlorobe...	1.674	1.638	1.608	1.595	1.508	1.505	1.556	1.583	4.04
14)	1,2-Dichlorobe...	1.591	1.526	1.559	1.509	1.445	1.436	1.478	1.506	3.82
15)	Benzyl Alcohol	0.894	1.033	1.201	1.195	1.111	1.133	1.200	1.109	10.19
16)	2,2'-oxybis(1-...	1.438	1.417	1.449	1.386	1.325	1.336	1.436	1.398	3.60
17)	2-Methylphenol	1.163	1.236	1.318	1.290	1.214	1.210	1.269	1.243	4.27
18)	Hexachloroethane	0.592	0.564	0.570	0.567	0.549	0.553	0.584	0.569	2.71
19) P	n-Nitroso-di-n...	1.053	1.108	1.223	1.154	1.082	1.105	1.166	1.127	5.09
20)	3+4-Methylphenols	1.493	1.669	1.872	1.827	1.667	1.685	1.767	1.712	7.32
21) I	Naphthalene-d8	-----ISTD-----								
22)	Acetophenone	0.462	0.444	0.448	0.462	0.430	0.434	0.439	0.445	2.85
23) S	Nitrobenzene-d5	0.321	0.327	0.326	0.339	0.317	0.320	0.323	0.325	2.24
24)	Nitrobenzene	0.340	0.335	0.338	0.352	0.331	0.332	0.338	0.338	2.09
25)	Isophorone	0.598	0.655	0.699	0.710	0.656	0.659	0.679	0.665	5.51
26) C	2-Nitrophenol	0.150	0.174	0.193	0.204	0.192	0.193	0.201	0.187	9.96
27)	2,4-Dimethylph...	0.298	0.311	0.325	0.337	0.311	0.317	0.323	0.317	4.02
28)	bis(2-Chloroet...	0.399	0.403	0.408	0.408	0.388	0.388	0.398	0.399	2.03
29) C	2,4-Dichloroph...	0.234	0.245	0.270	0.284	0.263	0.268	0.273	0.262	6.59
30)	1,2,4-Trichlor...	0.298	0.280	0.272	0.287	0.270	0.270	0.276	0.279	3.65
31)	Naphthalene	1.139	1.060	1.060	1.076	0.997	0.992	0.983	1.044	5.41
32)	Benzoic acid	0.039	0.072	0.111	0.113	0.132	0.150	0.103	39.38	
33)	4-Chloroaniline	0.440	0.467	0.497	0.520	0.473	0.470	0.475	0.477	5.23
34) C	Hexachlorobuta...	0.137	0.125	0.120	0.121	0.121	0.120	0.124	0.124	4.93
35)	Caprolactam	0.114	0.139	0.169	0.182	0.161	0.150	0.149	0.152	14.43
36) C	4-Chloro-3-met...	0.279	0.304	0.339	0.353	0.315	0.309	0.320	0.317	7.61
37)	2-Methylnaphth...	0.763	0.764	0.784	0.781	0.721	0.706	0.714	0.747	4.41

Method Path : Z:\HPCHEM1\BNA_G\METHODS\
 Method File : 8270-BG042115.M

38) I	Acenaphthene-d10	-----ISTD-----								
39)	1,2,4,5-Tetrac...	0.506	0.480	0.436	0.448	0.436	0.458	0.457	0.460	5.47
40) P	Hexachlorocycl...		0.074	0.114	0.140	0.153	0.178	0.199	0.143	31.33
41) S	2,4,6-Tribromo...	0.106	0.134	0.146	0.155	0.143	0.136	0.131	0.136	11.46
42) C	2,4,6-Trichlor...	0.271	0.304	0.329	0.347	0.333	0.346	0.352	0.326	8.84
43)	2,4,5-Trichlor...	0.295	0.341	0.340	0.374	0.354	0.360	0.367	0.347	7.60
44) S	2-Fluorobiphenyl	1.362	1.303	1.190	1.198	1.129	1.163	1.108	1.208	7.66
45)	1,1'-Biphenyl	1.641	1.609	1.519	1.542	1.468	1.517	1.487	1.540	4.09
46)	2-Chloronaphth...	1.267	1.208	1.155	1.194	1.123	1.160	1.150	1.180	4.06
47)	2-Nitroaniline	0.285	0.316	0.354	0.389	0.354	0.357	0.353	0.344	9.74
48)	Acenaphthylene	2.181	2.168	2.116	2.189	2.015	2.035	1.955	2.094	4.42
49)	Dimethylphthalate	1.500	1.499	1.530	1.581	1.448	1.419	1.376	1.479	4.71
50)	2,6-Dinitrotol...	0.329	0.358	0.377	0.394	0.368	0.360	0.356	0.363	5.53
51) C	Acenaphthene	1.336	1.285	1.248	1.283	1.197	1.209	1.189	1.250	4.39
52)	3-Nitroaniline	0.380	0.425	0.460	0.513	0.468	0.455	0.438	0.449	9.16
53) P	2,4-Dinitrophenol		0.046	0.112	0.156	0.156	0.159	0.170	0.133	35.46
54)	Dibenzofuran	1.919	1.834	1.779	1.851	1.681	1.653	1.597	1.759	6.71
55) P	4-Nitrophenol		0.259	0.330	0.394	0.363	0.350	0.342	0.340	13.29
56)	2,4-Dinitrotol...	0.382	0.487	0.524	0.586	0.531	0.503	0.486	0.500	12.44
57)	Fluorene	1.632	1.612	1.581	1.655	1.514	1.470	1.387	1.550	6.28
58)	2,3,4,6-Tetrac...	0.211	0.251	0.272	0.297	0.275	0.267	0.262	0.262	10.22
59)	Diethylphthalate	1.576	1.588	1.621	1.737	1.588	1.487	1.431	1.576	6.19
60)	4-Chlorophenyl...	0.695	0.664	0.645	0.659	0.612	0.600	0.581	0.636	6.33
61)	4-Nitroaniline	0.384	0.497	0.534	0.614	0.555	0.526	0.487	0.514	13.80
62)	Azobenzene	1.409	1.500	1.494	1.591	1.463	1.411	1.369	1.462	5.09
63) I	Phenanthrene-d10	-----ISTD-----								
64)	4,6-Dinitro-2-...		0.092	0.123	0.140	0.134	0.141	0.143	0.129	15.07
65) c	n-Nitrosodiphe...	0.661	0.692	0.683	0.678	0.650	0.660	0.670	0.671	2.22
66)	4-Bromophenyl-...	0.158	0.157	0.159	0.157	0.155	0.155	0.161	0.157	1.28
67)	Hexachlorobenzene	0.172	0.169	0.166	0.165	0.157	0.161	0.161	0.164	3.26
68)	Atrazine	0.179	0.194	0.199	0.198	0.188	0.182	0.172	0.187	5.49
69) C	Pentachlorophenol		0.044	0.067	0.079	0.077	0.083	0.086	0.073	21.28
70)	Phenanthrene	1.256	1.202	1.149	1.164	1.085	1.075	1.039	1.139	6.74
71)	Anthracene	1.182	1.177	1.166	1.171	1.094	1.088	1.043	1.131	4.90
72)	Carbazole	1.198	1.205	1.169	1.217	1.126	1.119	1.045	1.154	5.33
73)	Di-n-butylphth...	1.425	1.478	1.461	1.488	1.381	1.352	1.249	1.405	6.05
74) C	Fluoranthene	1.339	1.334	1.235	1.270	1.172	1.178	1.057	1.226	8.18
75) I	Chrysene-d12	-----ISTD-----								
76)	Benzidine	0.644	0.774	0.873	0.759	0.748	0.708	0.671	0.740	10.21
77)	Pyrene	1.342	1.377	1.424	1.439	1.306	1.270	1.245	1.343	5.54
78) S	Terphenyl-d14	0.917	0.910	0.886	0.861	0.788	0.744	0.706	0.830	10.13
79)	Butylbenzylphth...	0.638	0.664	0.711	0.756	0.713	0.712	0.730	0.703	5.68
80)	Benzo(a)anthra...	1.320	1.258	1.229	1.239	1.155	1.128	1.113	1.206	6.32
81)	3,3'-Dichlorob...	0.411	0.408	0.415	0.414	0.383	0.386	0.377	0.399	4.06
82)	Chrysene	1.284	1.219	1.171	1.195	1.096	1.078	1.062	1.158	7.12

Method Path : Z:\HPCHEM1\BNA_G\METHODS\
Method File : 8270-BG042115.M

83)	Bis(2-ethylhex...	0.894	0.932	0.988	1.043	0.974	0.967	0.959	0.965	4.83
84) c	Di-n-octyl pht...	1.487	1.577	1.639	1.729	1.610	1.613	1.566	1.603	4.61
85)	Indeno(1,2,3-c...	1.306	1.267	1.273	1.317	1.226	1.249	1.256	1.271	2.51
86) I	Perylene-d12	-----ISTD-----								
87)	Benzo(b)fluora...	1.240	1.252	1.240	1.214	1.137	1.145	1.126	1.193	4.64
88)	Benzo(k)fluora...	1.248	1.177	1.169	1.229	1.142	1.113	1.117	1.171	4.47
89) C	Benzo(a)pyrene	1.190	1.143	1.144	1.171	1.089	1.101	1.094	1.133	3.48
90)	Dibenzo(a,h)an...	1.137	1.112	1.122	1.143	1.060	1.071	1.062	1.101	3.25
91)	Benzo(g,h,i)pe...	1.114	1.120	1.105	1.161	1.079	1.090	1.108	1.111	2.34

(#) = Out of Range