

Method Path : Z:\HPCHEM1\BNA_F\METHODS\
 Method File : 8270-BF021316.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Sat Feb 13 00:11:18 2016
 Response Via : Initial Calibration

Calibration Files

2.5 =BF085051.D 10 =BF085052.D 25 =BF085053.D 40 =BF085054.D 50 =BF085055.D 60 =BF085056.D 80 =BF085057.D

	Compound	2.5	10	25	40	50	60	80	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----								
2)	1,4-Dioxane	0.408	0.494	0.452	0.500	0.470	0.487	0.489	0.471	6.87
3)	Pyridine	0.891	1.060	1.175	1.162	1.178	1.140	1.101		10.16
4)	n-Nitrosodimet...	0.568	0.494	0.562	0.579	0.598	0.598	0.566		6.82
5) S	2-Fluorophenol	1.233	1.205	1.210	1.050	1.086	1.112	1.110	1.144	6.22
6)	Aniline	0.984	1.391	1.693	1.767	1.749	1.757	1.683	1.575	18.49
7) S	Phenol-d6	1.528	1.500	1.566	1.585	1.556	1.564	1.372	1.524	4.78
8)	2-Chlorophenol	1.330	1.384	1.448	1.448	1.419	1.429	1.383	1.406	3.05
9)	Benzaldehyde	0.895	0.957	0.928	0.849	0.768	0.740	0.610	0.821	14.91
10) C	Phenol	1.836	1.721	1.759	1.805	1.799	1.817	1.746	1.783	2.35
11)	bis(2-Chloroet...	2.239	1.719	1.600	1.564	1.560	1.551	1.485	1.674	15.48
12)	1,3-Dichlorobe...	1.322	1.364	1.402	1.434	1.428	1.446	1.391	1.398	3.14
13) C	1,4-Dichlorobe...	1.760	1.459	1.515	1.543	1.556	1.555	1.503	1.556	6.20
14)	1,2-Dichlorobe...	1.617	1.427	1.476	1.461	1.437	1.445	1.374	1.462	5.16
15)	Benzyl Alcohol	1.031	0.754	0.898	0.957	0.948	0.960	0.972	0.931	9.39
16)	2,2'-oxybis(1-...	2.485	2.297	2.382	2.370	2.331	2.342	2.233	2.349	3.32
17)	2-Methylphenol	1.275	0.980	0.967	0.987	0.969	0.987	0.960	1.018	11.20
18)	Hexachloroethane	0.572	0.563	0.574	0.593	0.580	0.577	0.554	0.573	2.19
19) P	n-Nitroso-di-n...	0.980	0.917	0.958	0.988	0.970	0.974	0.936	0.960	2.64
20)	3+4-Methylphenols	1.723	1.149	1.243	1.227	1.213	1.250	1.190	1.285	15.26
21) I	Naphthalene-d8	-----ISTD-----								
22)	Acetophenone	0.522	0.516	0.499	0.523	0.520	0.513	0.495	0.513	2.21
23) S	Nitrobenzene-d5	0.342	0.335	0.337	0.343	0.344	0.342	0.328	0.339	1.70
24)	Nitrobenzene	0.377	0.375	0.365	0.375	0.378	0.370	0.351	0.370	2.62
25)	Isophorone	0.570	0.596	0.601	0.625	0.623	0.626	0.613	0.608	3.38
26) C	2-Nitrophenol	0.156	0.176	0.178	0.184	0.184	0.185	0.178	0.177	5.79
27)	2,4-Dimethylph...	0.272	0.283	0.280	0.295	0.296	0.297	0.286	0.287	3.32
28)	bis(2-Chloroet...	0.392	0.357	0.367	0.383	0.385	0.384	0.373	0.377	3.27
29) C	2,4-Dichloroph...	0.243	0.253	0.260	0.272	0.270	0.268	0.260	0.261	3.91
30)	1,2,4-Trichlor...	0.308	0.297	0.298	0.306	0.306	0.299	0.291	0.301	2.09
31)	Naphthalene	1.010	0.980	0.967	0.976	0.976	0.958	0.920	0.970	2.79
32)	Benzoic acid	0.070	0.112	0.142	0.144	0.143	0.147	0.126		24.28
33)	4-Chloroaniline	0.360	0.358	0.375	0.382	0.372	0.375	0.353	0.368	2.90
34) C	Hexachlorobuta...	0.161	0.164	0.169	0.176	0.173	0.171	0.165	0.168	3.13
35)	Caprolactam	0.065	0.071	0.073	0.072	0.073	0.067	0.070		5.10
36) C	4-Chloro-3-met...	0.271	0.290	0.291	0.306	0.307	0.309	0.297	0.296	4.50
37)	2-Methylnaphth...	0.707	0.606	0.600	0.618	0.615	0.613	0.572	0.619	6.80

Method Path : Z:\HPCHEM1\BNA_F\METHODS\
 Method File : 8270-BF021316.M

38) I	Acenaphthene-d10	-----ISTD-----								
39)	1,2,4,5-Tetrac...	0.656	0.632	0.635	0.673	0.650	0.649	0.628	0.646	2.45
40) P	Hexachlorocycl...		0.106	0.180	0.230	0.245	0.257	0.272	0.215	28.83
41) S	2,4,6-Tribromo...	0.187	0.204	0.213	0.217	0.211	0.211	0.202	0.207	4.79
42) C	2,4,6-Trichlor...	0.321	0.329	0.362	0.379	0.374	0.375	0.356	0.356	6.51
43)	2,4,5-Trichlor...	0.435	0.415	0.407	0.421	0.416	0.412	0.397	0.415	2.85
44) S	2-Fluorobiphenyl	1.517	1.467	1.413	1.410	1.364	1.353	1.269	1.399	5.78
45)	1,1'-Biphenyl	1.916	1.872	1.827	1.859	1.798	1.781	1.682	1.819	4.17
46)	2-Chloronaphth...	1.362	1.332	1.290	1.317	1.272	1.260	1.191	1.289	4.34
47)	2-Nitroaniline	0.359	0.386	0.394	0.418	0.408	0.417	0.403	0.398	5.21
48)	Acenaphthylene	2.110	2.106	2.064	2.104	2.038	2.001	1.902	2.046	3.69
49)	Dimethylphthalate	1.541	1.521	1.492	1.523	1.495	1.489	1.437	1.500	2.25
50)	2,6-Dinitrotol...	0.273	0.318	0.318	0.320	0.313	0.314	0.297	0.308	5.52
51) C	Acenaphthene	1.310	1.266	1.251	1.261	1.213	1.208	1.154	1.237	4.07
52)	3-Nitroaniline	0.302	0.344	0.351	0.360	0.350	0.347	0.339	0.342	5.43
53) P	2,4-Dinitrophenol		0.025	0.086	0.124	0.117	0.127	0.133	0.102	40.31
54)	Dibenzofuran	1.758	1.667	1.660	1.684	1.632	1.632	1.553	1.655	3.75
55) P	4-Nitrophenol		0.198	0.204	0.218	0.236	0.237	0.223	0.219	7.32
56)	2,4-Dinitrotol...	0.371	0.416	0.420	0.447	0.430	0.431	0.418	0.419	5.62
57)	Fluorene	1.506	1.473	1.430	1.439	1.390	1.399	1.300	1.420	4.66
58)	2,3,4,6-Tetrac...	0.320	0.316	0.327	0.340	0.341	0.332	0.319	0.328	3.12
59)	Diethylphthalate	1.534	1.508	1.448	1.525	1.486	1.486	1.414	1.486	2.86
60)	4-Chlorophenyl...	0.711	0.702	0.690	0.695	0.670	0.669	0.625	0.680	4.28
61)	4-Nitroaniline	0.258	0.321	0.324	0.334	0.324	0.325	0.312	0.314	8.21
62)	Azobenzene	1.457	1.458	1.437	1.456	1.429	1.432	1.353	1.432	2.57
63) I	Phenanthrene-d10	-----ISTD-----								
64)	4,6-Dinitro-2-...		0.074	0.098	0.109	0.116	0.121	0.120	0.107	16.87
65) c	n-Nitrosodiphe...	0.666	0.653	0.639	0.630	0.624	0.628	0.606	0.635	3.09
66)	4-Bromophenyl-...	0.211	0.224	0.225	0.228	0.227	0.228	0.217	0.223	2.96
67)	Hexachlorobenzene	0.232	0.246	0.239	0.238	0.243	0.239	0.230	0.238	2.33
68)	Atrazine	0.181	0.196	0.188	0.188	0.183	0.184	0.168	0.184	4.67
69) C	Pentachlorophenol		0.067	0.082	0.095	0.100	0.102	0.103	0.092	15.48
70)	Phenanthrene	1.188	1.153	1.116	1.091	1.085	1.067	1.020	1.103	5.04
71)	Anthracene	1.228	1.187	1.151	1.143	1.144	1.124	1.089	1.152	3.86
72)	Carbazole	0.931	0.984	0.957	0.973	0.967	0.956	0.912	0.954	2.62
73)	Di-n-butylphth...	1.395	1.334	1.230	1.236	1.220	1.198	1.154	1.252	6.61
74) C	Fluoranthene	1.134	1.155	1.111	1.107	1.087	1.077	1.021	1.099	3.94
75) I	Chrysene-d12	-----ISTD-----								
76)	Benzidine		0.233	0.389	0.404	0.409	0.389	0.289	0.352	20.80
77)	Pyrene	1.641	1.479	1.589	1.572	1.624	1.661	1.632	1.600	3.85
78) S	Terphenyl-d14	1.084	0.934	0.960	0.948	0.971	0.965	0.940	0.972	5.28
79)	Butylbenzylphth...	0.637	0.627	0.670	0.689	0.695	0.706	0.685	0.673	4.48
80)	Benzo(a)anthra...	1.171	1.189	1.194	1.174	1.147	1.148	1.084	1.158	3.23
81)	3,3'-Dichlorob...	0.297	0.338	0.349	0.342	0.346	0.352	0.331	0.337	5.51
82)	Chrysene	1.192	1.126	1.098	1.116	1.115	1.120	1.096	1.123	2.86

Method Path : Z:\HPCHEM1\BNA_F\METHODS\

Method File : 8270-BF021316.M

83)	Bis(2-ethylhex...	0.823	0.849	0.900	0.905	0.919	0.916	0.880	0.885	4.10
84) c	Di-n-octyl pht...	1.159	1.283	1.246	1.270	1.292	1.279	1.267	1.257	3.62
85)	Indeno(1,2,3-c...	0.954	0.777	0.860	0.898	0.980	1.004	1.058	0.933	10.16
86) I	Perylene-d12	-----ISTD-----								
87)	Benzo(b)fluora...	1.479	1.433	1.444	1.383	1.196	1.181	1.062	1.311	12.39
88)	Benzo(k)fluora...	1.000	1.123	0.968	1.016	1.083	1.071	1.071	1.047	5.19
89) C	Benzo(a)pyrene	1.188	1.143	1.113	1.110	1.086	1.088	1.034	1.109	4.35
90)	Dibenzo(a,h)an...	1.107	0.978	1.055	1.079	1.055	1.063	1.030	1.053	3.84
91)	Benzo(g,h,i)pe...	1.183	0.997	1.080	1.086	1.089	1.122	1.093	1.093	5.09

(#) = Out of Range