

Method Path : Z:\HPCHEM1\BNA_F\METHODS\
 Method File : 8270-BF092117.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Fri Sep 22 10:38:37 2017
 Response Via : Initial Calibration

Calibration Files

2.5 =BF098676.D 10 =BF098677.D 25 =BF098678.D 40 =BF098679.D 50 =BF098680.D 60 =BF098681.D 80 =BF098682.D

	Compound	2.5	10	25	40	50	60	80	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----								
2)	1,4-Dioxane	0.670	0.619	0.633	0.618	0.597	0.608	0.611	0.622	3.82
3)	Pyridine	1.553	1.598	1.723	1.717	1.626	1.681	1.677	1.653	3.82
4)	n-Nitrosodimet...	0.725	0.686	0.749	0.727	0.720	0.732	0.732	0.724	2.64
5) S	2-Fluorophenol	1.474	1.380	1.353	1.304	1.241	1.244	1.222	1.317	6.94
6)	Aniline	2.252	2.134	2.120	2.131	2.025	2.072	2.056	2.113	3.51
7) S	Phenol-d6	1.783	1.662	1.633	1.594	1.501	1.525	1.466	1.595	6.84
8)	2-Chlorophenol	1.560	1.507	1.470	1.421	1.372	1.370	1.316	1.431	6.02
9)	Benzaldehyde	1.058	0.992	0.924	0.848	0.813	0.732	0.895	13.45	
10) C	Phenol	1.959	1.864	1.804	1.734	1.646	1.681	1.634	1.760	6.89
11)	bis(2-Chloroet...	1.470	1.404	1.386	1.340	1.297	1.308	1.287	1.356	4.94
12)	1,3-Dichlorobe...	1.672	1.599	1.543	1.486	1.415	1.463	1.400	1.511	6.56
13) C	1,4-Dichlorobe...	1.709	1.614	1.559	1.515	1.442	1.466	1.402	1.530	6.98
14)	1,2-Dichlorobe...	1.644	1.513	1.464	1.425	1.330	1.341	1.268	1.426	8.95
15)	Benzyl Alcohol	1.263	1.197	1.191	1.158	1.094	1.097	1.056	1.151	6.30
16)	2,2'-oxybis(1-...	2.366	2.257	2.217	2.146	2.043	2.076	2.023	2.161	5.82
17)	2-Methylphenol	1.244	1.192	1.187	1.162	1.109	1.139	1.128	1.166	3.93
18)	Hexachloroethane	0.551	0.534	0.539	0.529	0.505	0.521	0.507	0.527	3.18
19) P	n-Nitroso-di-n...	1.094	1.054	1.010	0.966	0.918	0.947	0.928	0.988	6.78
20)	3+4-Methylphenols	1.648	1.618	1.594	1.507	1.415	1.412	1.328	1.503	8.10
21) I	Naphthalene-d8	-----ISTD-----								
22)	Acetophenone	0.583	0.546	0.514	0.472	0.460	0.459	0.430	0.495	11.05
23) S	Nitrobenzene-d5	0.267	0.293	0.306	0.300	0.299	0.304	0.296	0.295	4.47
24)	Nitrobenzene	0.318	0.350	0.359	0.344	0.341	0.341	0.332	0.341	3.87
25)	Isophorone	0.684	0.673	0.648	0.624	0.620	0.632	0.620	0.643	4.12
26) C	2-Nitrophenol	0.095	0.127	0.141	0.150	0.158	0.160	0.138	17.60	
27)	2,4-Dimethylph...	0.344	0.332	0.319	0.309	0.304	0.307	0.297	0.316	5.33
28)	bis(2-Chloroet...	0.433	0.425	0.407	0.389	0.381	0.391	0.376	0.400	5.54
29) C	2,4-Dichloroph...	0.283	0.275	0.277	0.269	0.267	0.270	0.261	0.272	2.59
30)	1,2,4-Trichlor...	0.303	0.291	0.279	0.265	0.261	0.266	0.253	0.274	6.56
31)	Naphthalene	1.105	1.024	0.973	0.918	0.892	0.897	0.835	0.949	9.67
32)	Benzoic acid	0.069	0.111	0.170	0.194	0.226	0.242	0.169	39.74	
33)	4-Chloroaniline	0.434	0.418	0.412	0.390	0.382	0.372	0.355	0.395	7.10
34) C	Hexachlorobuta...	0.166	0.155	0.150	0.143	0.142	0.142	0.135	0.148	6.93
35)	Caprolactam	0.074	0.085	0.088	0.088	0.086	0.086	0.086	0.085	5.94
36) C	4-Chloro-3-met...	0.325	0.326	0.316	0.305	0.300	0.305	0.294	0.310	4.00
37)	2-Methylnaphth...	0.682	0.661	0.628	0.596	0.577	0.580	0.542	0.610	8.16

Method Path : Z:\HPCHEM1\BNA_F\METHODS\
 Method File : 8270-BF092117.M

38) I	Acenaphthene-d10	-----ISTD-----								
39)	1,2,4,5-Tetrac...	0.670	0.639	0.604	0.586	0.563	0.553	0.526	0.592	8.49
40) P	Hexachlorocycl...	0.220	0.248	0.256	0.265	0.268	0.272	0.271	0.257	7.23
41) S	2,4,6-Tribromo...	0.161	0.184	0.189	0.192	0.187	0.186	0.181	0.183	5.65
42) C	2,4,6-Trichlor...	0.371	0.398	0.416	0.407	0.402	0.399	0.397	0.399	3.47
43)	2,4,5-Trichlor...	0.403	0.423	0.412	0.418	0.406	0.412	0.388	0.409	2.79
44) S	2-Fluorobiphenyl	1.548	1.450	1.308	1.201	1.148	1.120	1.023	1.257	15.00
45)	1,1'-Biphenyl	1.983	1.885	1.783	1.686	1.628	1.577	1.487	1.718	10.21
46)	2-Chloronaphth...	1.445	1.395	1.311	1.270	1.228	1.216	1.155	1.288	7.98
47)	2-Nitroaniline		0.307	0.365	0.371	0.376	0.377	0.373	0.362	7.47
48)	Acenaphthylene	2.218	2.124	2.030	1.982	1.879	1.862	1.777	1.982	7.84
49)	Dimethylphthalate	1.671	1.599	1.531	1.471	1.436	1.421	1.370	1.500	7.09
50)	2,6-Dinitrotol...	0.202	0.283	0.313	0.318	0.320	0.318	0.319	0.296	14.70
51) C	Acenaphthene	1.407	1.299	1.259	1.204	1.171	1.156	1.116	1.230	8.10
52)	3-Nitroaniline	0.264	0.348	0.374	0.372	0.378	0.367	0.367	0.353	11.42
53) P	2,4-Dinitrophenol		0.046	0.072	0.092	0.106	0.117	0.129	0.094	32.81
54)	Dibenzofuran	1.967	1.792	1.717	1.636	1.596	1.565	1.484	1.680	9.63
55) P	4-Nitrophenol		0.270	0.303	0.313	0.318	0.318	0.320	0.307	6.27
56)	2,4-Dinitrotol...		0.339	0.391	0.409	0.415	0.417	0.415	0.398	7.59
57)	Fluorene	1.614	1.493	1.399	1.316	1.258	1.236	1.135	1.350	12.15
58)	2,3,4,6-Tetrac...	0.263	0.294	0.307	0.302	0.298	0.287	0.285	0.291	4.99
59)	Diethylphthalate	1.627	1.578	1.504	1.454	1.396	1.386	1.343	1.470	7.16
60)	4-Chlorophenyl...	0.694	0.666	0.616	0.577	0.550	0.537	0.500	0.591	11.96
61)	4-Nitroaniline	0.247	0.327	0.353	0.364	0.364	0.358	0.354	0.338	12.44
62)	Azobenzene	1.570	1.493	1.422	1.352	1.293	1.277	1.215	1.375	9.24
63) I	Phenanthrene-d10	-----ISTD-----								
64)	4,6-Dinitro-2-...		0.044	0.072	0.089	0.097	0.106	0.111	0.087	28.81
65) c	n-Nitrosodiphe...	0.782	0.730	0.713	0.666	0.655	0.647	0.625	0.688	8.06
66)	4-Bromophenyl-...	0.217	0.211	0.206	0.201	0.196	0.195	0.188	0.202	5.03
67)	Hexachlorobenzene	0.252	0.235	0.235	0.225	0.220	0.224	0.219	0.230	5.15
68)	Atrazine	0.224	0.219	0.214	0.203	0.201	0.196	0.191	0.207	5.93
69) C	Pentachlorophenol	0.094	0.116	0.140	0.142	0.144	0.144	0.142	0.132	14.78
70)	Phenanthrene	1.275	1.182	1.129	1.057	1.018	0.990	0.943	1.085	10.77
71)	Anthracene	1.302	1.195	1.153	1.066	1.047	1.018	0.964	1.106	10.53
72)	Carbazole	1.252	1.164	1.128	1.054	1.017	1.003	0.950	1.081	9.73
73)	Di-n-butylphth...	1.353	1.360	1.317	1.240	1.198	1.187	1.135	1.256	7.04
74) C	Fluoranthene	1.277	1.173	1.138	1.039	1.018	0.989	0.934	1.081	11.09
75) I	Chrysene-d12	-----ISTD-----								
76)	Benzidine	0.889	0.913	0.835	0.821	0.771	0.752	0.704	0.812	9.21
77)	Pyrene	1.528	1.500	1.471	1.491	1.464	1.504	1.436	1.485	2.04
78) S	Terphenyl-d14	1.061	0.989	0.923	0.921	0.885	0.899	0.841	0.931	7.80
79)	Butylbenzylphth...	0.445	0.566	0.621	0.654	0.665	0.684	0.664	0.614	13.69
80)	Benzo(a)anthra...	1.335	1.259	1.207	1.179	1.163	1.176	1.112	1.205	6.05
81)	3,3'-Dichlorob...	0.432	0.454	0.447	0.437	0.427	0.421	0.390	0.430	4.90
82)	Chrysene	1.309	1.239	1.171	1.129	1.113	1.123	1.059	1.163	7.29

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

Method File : 8270-BF092117.M

83)	Bis(2-ethylhex...	0.773	0.834	0.862	0.867	0.871	0.895	0.847	0.850	4.58
84) c	Di-n-octyl pht...	1.086	1.278	1.317	1.290	1.327	1.339	1.296	1.276	6.77
85)	Indeno(1,2,3-c...	0.922	0.894	0.822	0.845	0.862	0.984	0.988	0.902	7.28
86) I	Perylene-d12	-----ISTD-----								
87)	Benzo(b)fluora...	1.168	1.157	1.234	1.165	1.108	1.188	1.098	1.160	3.99
88)	Benzo(k)fluora...	1.278	1.212	1.173	1.159	1.166	1.061	1.064	1.159	6.66
89) C	Benzo(a)pyrene	1.071	1.057	1.075	1.067	1.043	1.043	1.017	1.053	1.94
90)	Dibenzo(a,h)an...	0.850	0.827	0.859	0.908	0.890	0.951	0.952	0.891	5.52
91)	Benzo(g,h,i)pe...	0.847	0.806	0.829	0.922	0.899	0.971	0.995	0.896	8.05

(#) = Out of Range