

Method Path : Z:\HPCHEM1\BNA_F\METHODS\
 Method File : 8270-BF012218.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Tue Jan 23 00:43:41 2018
 Response Via : Initial Calibration

Calibration Files

2.5 =BF102288.D 10 =BF102289.D 25 =BF102290.D 40 =BF102291.D 50 =BF102292.D 60 =BF102293.D 80 =BF102294.D

	Compound	2.5	10	25	40	50	60	80	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----								
2)	1,4-Dioxane	0.682	0.633	0.608	0.638	0.628	0.609	0.589	0.627	4.77
3)	Pyridine	1.603	1.587	1.612	1.716	1.676	1.637	1.632	1.638	2.74
4)	n-Nitrosodimet...	0.645	0.607	0.615	0.670	0.669	0.643	0.646	0.642	3.77
5) S	2-Fluorophenol	1.447	1.397	1.331	1.346	1.300	1.235	1.177	1.319	6.98
6)	Aniline	2.363	2.271	2.090	2.137	2.056	1.951	1.857	2.103	8.30
7) S	Phenol-d6	1.850	1.706	1.563	1.603	1.541	1.469	1.400	1.590	9.43
8)	2-Chlorophenol	1.531	1.461	1.370	1.423	1.366	1.301	1.228	1.383	7.28
9)	Benzaldehyde	1.175	1.085	0.973	0.900	0.816	0.715	0.577	0.892	23.39
10) C	Phenol	2.011	1.837	1.731	1.765	1.680	1.603	1.526	1.736	9.15
11)	bis(2-Chloroet...	1.480	1.341	1.294	1.360	1.299	1.257	1.212	1.320	6.50
12)	1,3-Dichlorobe...	1.877	1.732	1.622	1.662	1.609	1.534	1.475	1.644	8.04
13) C	1,4-Dichlorobe...	1.840	1.753	1.649	1.673	1.608	1.541	1.467	1.647	7.62
14)	1,2-Dichlorobe...	1.740	1.623	1.537	1.540	1.457	1.378	1.272	1.507	10.29
15)	Benzyl Alcohol	1.333	1.226	1.137	1.144	1.064	1.010	0.939	1.122	11.82
16)	2,2'-oxybis(1-...	2.525	2.344	2.200	2.286	2.149	2.055	1.943	2.215	8.69
17)	2-Methylphenol	1.326	1.274	1.180	1.241	1.180	1.119	1.085	1.201	7.09
18)	Hexachloroethane	0.628	0.605	0.574	0.586	0.567	0.540	0.518	0.574	6.50
19) P	n-Nitroso-di-n...	1.099	1.054	0.951	0.989	0.927	0.901	0.893	0.973	8.05
20)	3+4-Methylphenols	1.675	1.465	1.483	1.366	1.281	1.203	1.412		11.86
21) I	Naphthalene-d8	-----ISTD-----								
22)	Acetophenone	0.582	0.521	0.476	0.468	0.451	0.429	0.410	0.477	12.28
23) S	Nitrobenzene-d5	0.384	0.365	0.345	0.351	0.342	0.331	0.318	0.348	6.29
24)	Nitrobenzene	0.399	0.365	0.361	0.364	0.350	0.335	0.319	0.356	7.10
25)	Isophorone	0.677	0.636	0.610	0.627	0.605	0.600	0.588	0.620	4.82
26) C	2-Nitrophenol	0.191	0.186	0.188	0.196	0.189	0.185	0.177	0.187	3.04
27)	2,4-Dimethylph...	0.294	0.288	0.273	0.277	0.267	0.257	0.249	0.272	5.79
28)	bis(2-Chloroet...	0.429	0.393	0.382	0.389	0.372	0.365	0.353	0.383	6.42
29) C	2,4-Dichloroph...	0.314	0.290	0.281	0.281	0.271	0.258	0.246	0.277	7.90
30)	1,2,4-Trichlor...	0.341	0.309	0.303	0.298	0.289	0.278	0.264	0.297	8.24
31)	Naphthalene	1.169	1.081	0.999	0.994	0.962	0.924	0.862	0.999	10.12
32)	Benzoic acid	0.169	0.215	0.233	0.255	0.251	0.245	0.228		14.10
33)	4-Chloroaniline	0.479	0.455	0.421	0.423	0.402	0.387	0.371	0.420	8.97
34) C	Hexachlorobuta...	0.180	0.166	0.160	0.162	0.155	0.149	0.140	0.159	8.01
35)	Caprolactam	0.095	0.092	0.089	0.094	0.089	0.089	0.093	0.092	2.82
36) C	4-Chloro-3-met...	0.322	0.307	0.295	0.297	0.284	0.276	0.264	0.292	6.64
37)	2-Methylnaphth...	0.792	0.726	0.672	0.662	0.631	0.600	0.572	0.665	11.34

Method Path : Z:\HPCHEM1\BNA_F\METHODS\
 Method File : 8270-BF012218.M

38) I	Acenaphthene-d10	-----ISTD-----								
39)	1,2,4,5-Tetrac...	0.694	0.648	0.600	0.604	0.590	0.559	0.518	0.602	9.49
40) P	Hexachlorocycl...		0.202	0.256	0.287	0.294	0.294	0.282	0.269	13.35
41) S	2,4,6-Tribromo...	0.228	0.219	0.201	0.197	0.194	0.182	0.167	0.198	10.44
42) C	2,4,6-Trichlor...	0.435	0.431	0.402	0.406	0.402	0.386	0.358	0.403	6.52
43)	2,4,5-Trichlor...	0.497	0.468	0.463	0.460	0.447	0.431	0.408	0.454	6.28
44) S	2-Fluorobiphenyl		1.659	1.451	1.366	1.334	1.232	1.119	1.360	13.69
45)	1,1'-Biphenyl	2.157	1.987	1.809	1.758	1.726	1.611	1.470	1.788	12.78
46)	2-Chloronaphth...	1.637	1.500	1.393	1.387	1.356	1.280	1.177	1.390	10.66
47)	2-Nitroaniline	0.459	0.447	0.436	0.433	0.432	0.424	0.401	0.433	4.19
48)	Acenaphthylene	2.660	2.378	2.203	2.149	2.089	1.915	1.764	2.166	13.60
49)	Dimethylphthalate	1.954	1.718	1.618	1.629	1.590	1.566	1.497	1.653	9.00
50)	2,6-Dinitrotol...	0.395	0.362	0.359	0.366	0.354	0.339	0.319	0.356	6.56
51) C	Acenaphthene	1.593	1.360	1.246	1.241	1.211	1.138	1.065	1.265	13.56
52)	3-Nitroaniline	0.466	0.434	0.428	0.424	0.418	0.400	0.381	0.422	6.30
53) P	2,4-Dinitrophenol		0.101	0.137	0.157	0.158	0.157	0.158	0.145	15.77
54)	Dibenzofuran		1.996	1.828	1.752	1.690	1.577	1.428	1.712	11.54
55) P	4-Nitrophenol	0.249	0.271	0.281	0.298	0.291	0.287	0.272	0.278	5.81
56)	2,4-Dinitrotol...	0.498	0.471	0.455	0.447	0.429	0.401	0.366	0.438	10.07
57)	Fluorene		1.632	1.426	1.356	1.332	1.250	1.141	1.356	12.31
58)	2,3,4,6-Tetrac...	0.361	0.335	0.322	0.320	0.322	0.310	0.296	0.324	6.35
59)	Diethylphthalate	1.926	1.723	1.621	1.589	1.523	1.480	1.383	1.606	11.05
60)	4-Chlorophenyl...		0.698	0.620	0.600	0.580	0.544	0.487	0.588	12.17
61)	4-Nitroaniline	0.451	0.437	0.426	0.425	0.421	0.405	0.381	0.421	5.40
62)	Azobenzene	1.767	1.575	1.471	1.468	1.411	1.354	1.250	1.471	11.27
63) I	Phenanthrene-d10	-----ISTD-----								
64)	4,6-Dinitro-2-...		0.115	0.132	0.141	0.140	0.139	0.133	0.133	7.40
65) c	n-Nitrosodiphe...	0.885	0.796	0.735	0.723	0.705	0.668	0.627	0.734	11.58
66)	4-Bromophenyl-...	0.251	0.228	0.215	0.217	0.210	0.199	0.188	0.215	9.46
67)	Hexachlorobenzene	0.287	0.254	0.238	0.242	0.230	0.224	0.210	0.241	10.36
68)	Atrazine	0.270	0.233	0.220	0.215	0.203	0.194	0.182	0.217	13.34
69) C	Pentachlorophenol		0.103	0.126	0.138	0.132	0.131	0.129	0.126	9.54
70)	Phenanthrene	1.452	1.277	1.163	1.148	1.116	1.042	0.961	1.165	13.76
71)	Anthracene	1.458	1.324	1.192	1.169	1.132	1.075	0.977	1.190	13.40
72)	Carbazole	1.435	1.275	1.181	1.143	1.083	1.042	0.965	1.161	13.52
73)	Di-n-butylphth...	1.776	1.567	1.460	1.452	1.377	1.304	1.219	1.451	12.59
74) C	Fluoranthene	1.469	1.319	1.198	1.171	1.114	1.067	0.981	1.188	13.72
75) I	Chrysene-d12	-----ISTD-----								
76)	Benzidine	0.785	0.782	0.681	0.628	0.611	0.544		0.672	14.44
77)	Pyrene	1.753	1.604	1.503	1.554	1.540	1.453	1.418	1.546	7.15
78) S	Terphenyl-d14	1.129	0.969	0.869	0.865	0.853	0.772	0.752	0.887	14.45
79)	Butylbenzylphth...	0.840	0.763	0.759	0.793	0.768	0.742	0.721	0.770	4.97
80)	Benzo(a)anthra...	1.464	1.340	1.226	1.210	1.178	1.116	1.084	1.231	10.71
81)	3,3'-Dichlorob...	0.545	0.507	0.475	0.459	0.424	0.400	0.353	0.452	14.49
82)	Chrysene	1.460	1.334	1.251	1.240	1.213	1.148	1.108	1.250	9.42

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

Method File : 8270-BF012218.M

83)	Bis(2-ethylhex...	1.238	1.082	1.030	1.059	0.984	0.943	0.902	1.034	10.65
84) c	Di-n-octyl pht...	1.881	1.759	1.725	1.708	1.607	1.579	1.513	1.682	7.39
85)	Indeno(1,2,3-c...	1.241	1.201	1.107	0.962	0.976	0.899	0.843	1.033	14.74
86) I	Perylene-d12	-----ISTD-----								
87)	Benzo(b)fluora...	1.412	1.370	1.203	1.324	1.281	1.221	1.263	1.296	5.92
88)	Benzo(k)fluora...	1.482	1.229	1.241	1.187	1.153	1.192	1.090	1.225	10.15
89) C	Benzo(a)pyrene	1.309	1.220	1.146	1.175	1.143	1.111	1.080	1.169	6.51
90)	Dibenzo(a,h)an...	1.111	1.051	0.964	0.902	0.916	0.850	0.835	0.947	10.83
91)	Benzo(g,h,i)pe...	1.087	1.027	0.944	0.883	0.912	0.842	0.850	0.935	9.83

(#) = Out of Range