

Method Path : Z:\HPCHEM1\BNA_F\METHODS\
 Method File : 8270-BF031816.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Fri Mar 18 23:31:39 2016
 Response Via : Initial Calibration

Calibration Files

2.5 =BF085537.D 10 =BF085538.D 25 =BF085539.D 40 =BF085540.D 50 =BF085541.D 60 =BF085542.D 80 =BF085543.D

	Compound	2.5	10	25	40	50	60	80	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----								
2)	1,4-Dioxane	0.671	0.547	0.570	0.598	0.566	0.553	0.547	0.579	7.64
3)	Pyridine	1.294	1.348	1.311	1.441	1.554	1.527	1.474	1.421	7.36
4)	n-Nitrosodimet...	0.639	0.541	0.612	0.588	0.587	0.599	0.588	0.593	5.00
5) S	2-Fluorophenol	1.296	1.314	1.256	1.263	1.103	1.038	1.065	1.191	9.84
6)	Aniline	2.170	2.180	2.192	2.067	2.006	1.901	1.843	2.051	6.86
7) S	Phenol-d6	1.675	1.744	1.580	1.576	1.406	1.447	1.262	1.527	10.88
8)	2-Chlorophenol	1.546	1.484	1.491	1.412	1.239	1.210	1.261	1.377	10.03
9)	Benzaldehyde	1.018	0.951	0.868	0.719	0.649	0.617	0.552	0.768	23.29
10) C	Phenol	1.911	2.047	1.725	1.930	1.486	1.699	1.378	1.739	14.02
11)	bis(2-Chloroet...	1.450	1.463	1.305	1.376	1.150	1.155	1.280	1.311	9.76
12)	1,3-Dichlorobe...	1.697	1.609	1.533	1.492	1.453	1.434	1.289	1.501	8.72
13) C	1,4-Dichlorobe...	1.826	1.684	1.552	1.468	1.395	1.403	1.389	1.531	10.99
14)	1,2-Dichlorobe...	1.539	1.492	1.485	1.459	1.273	1.187	1.081	1.359	13.11
15)	Benzyl Alcohol	1.226	1.208	1.089	1.031	1.022	0.922	0.823	1.046	13.89
16)	2,2'-oxybis(1-...	1.904	1.773	1.792	1.802	1.704	1.633	1.464	1.725	8.26
17)	2-Methylphenol	1.194	1.217	1.176	1.146	1.136	1.091	1.032	1.142	5.55
18)	Hexachloroethane	0.604	0.578	0.580	0.560	0.539	0.525	0.484	0.553	7.30
19) P	n-Nitroso-di-n...	1.118	0.982	0.898	0.949	0.769	0.856	0.813	0.912	12.84
20)	3+4-Methylphenols	1.649	1.575	1.466	1.260	1.185	1.194	0.929	1.323	19.15
21) I	Naphthalene-d8	-----ISTD-----								
22)	Acetophenone	0.583	0.544	0.516	0.443	0.448	0.419	0.369	0.475	15.93
23) S	Nitrobenzene-d5	0.368	0.395	0.356	0.367	0.321	0.296	0.310	0.345	10.49
24)	Nitrobenzene	0.422	0.386	0.425	0.361	0.376	0.381	0.289	0.377	12.08
25)	Isophorone	0.737	0.703	0.719	0.684	0.686	0.657	0.642	0.690	4.81
26) C	2-Nitrophenol	0.180	0.185	0.202	0.210	0.193	0.169	0.165	0.186	8.88
27)	2,4-Dimethylph...	0.359	0.370	0.340	0.315	0.335	0.317	0.271	0.330	9.98
28)	bis(2-Chloroet...	0.466	0.411	0.397	0.421	0.387	0.341	0.323	0.392	12.36
29) C	2,4-Dichloroph...	0.280	0.282	0.300	0.283	0.257	0.250	0.253	0.272	6.96
30)	1,2,4-Trichlor...	0.344	0.328	0.309	0.298	0.295	0.283	0.276	0.305	7.91
31)	Naphthalene	1.229	1.186	1.008	0.958	0.949	0.911	0.826	1.010	14.51
32)	Benzoic acid	0.253	0.259	0.274	0.284	0.291	0.283	0.285	0.276	5.30
33)	4-Chloroaniline	0.448	0.437	0.429	0.446	0.410	0.362	0.364	0.414	8.97
34) C	Hexachlorobuta...	0.168	0.172	0.169	0.169	0.164	0.152	0.144	0.162	6.43
35)	Caprolactam	0.092	0.093	0.105	0.096	0.088	0.091	0.090	0.094	6.05
36) C	4-Chloro-3-met...	0.346	0.350	0.331	0.333	0.278	0.316	0.270	0.318	10.02
37)	2-Methylnaphth...	0.702	0.679	0.693	0.655	0.589	0.528	0.460	0.615	15.08

Method Path : Z:\HPCHEM1\BNA_F\METHODS\
 Method File : 8270-BF031816.M

38) I	Acenaphthene-d10	-----ISTD-----								
39)	1,2,4,5-Tetrac...	0.687	0.656	0.580	0.541	0.599	0.602	0.581	0.607	8.17
40) P	Hexachlorocycl...	0.187	0.255	0.276	0.280	0.299	0.301	0.316	0.273	15.75
41) S	2,4,6-Tribromo...	0.193	0.189	0.210	0.193	0.177	0.197	0.212	0.196	6.16
42) C	2,4,6-Trichlor...	0.429	0.465	0.435	0.397	0.396	0.393	0.393	0.415	6.80
43)	2,4,5-Trichlor...	0.462	0.441	0.417	0.421	0.428	0.404	0.386	0.423	5.81
44) S	2-Fluorobiphenyl	1.696	1.454	1.286	1.264	1.112	1.006	0.935	1.250	21.17
45)	1,1'-Biphenyl	2.158	2.021	1.692	1.630	1.686	1.575	1.316	1.725	16.33
46)	2-Chloronaphth...	1.469	1.397	1.255	1.258	1.244	1.173	1.025	1.260	11.49
47)	2-Nitroaniline	0.381	0.380	0.419	0.405	0.352	0.348	0.384	0.381	6.76
48)	Acenaphthylene	2.470	2.241	2.207	2.077	1.834	1.719	1.729	2.040	14.10
49)	Dimethylphthalate	1.659	1.660	1.565	1.440	1.421	1.515	1.303	1.509	8.69
50)	2,6-Dinitrotol...	0.300	0.324	0.339	0.293	0.361	0.344	0.269	0.319	10.17
51) C	Acenaphthene	1.484	1.392	1.398	1.275	1.130	1.132	1.148	1.280	11.51
52)	3-Nitroaniline	0.414	0.408	0.432	0.366	0.394	0.441	0.338	0.399	9.18
53) P	2,4-Dinitrophenol		0.149	0.198	0.183	0.221	0.229	0.190	0.195	14.61
54)	Dibenzofuran	1.839	1.723	1.759	1.576	1.408	1.338	1.268	1.559	14.39
55) P	4-Nitrophenol	0.298	0.320	0.316	0.319	0.307	0.340	0.259	0.308	8.15
56)	2,4-Dinitrotol...	0.395	0.455	0.416	0.444	0.424	0.375	0.411	0.417	6.57
57)	Fluorene	1.597	1.475	1.415	1.335	1.170	1.074	1.026	1.299	16.52
58)	2,3,4,6-Tetrac...	0.323	0.325	0.319	0.289	0.284	0.299	0.291	0.304	5.70
59)	Diethylphthalate	1.833	1.608	1.569	1.440	1.303	1.366	1.384	1.501	12.21
60)	4-Chlorophenyl...	0.752	0.754	0.681	0.573	0.545	0.557	0.578	0.634	14.56
61)	4-Nitroaniline	0.387	0.384	0.376	0.422	0.397	0.395	0.393	0.393	3.72
62)	Azobenzene	1.590	1.575	1.566	1.414	1.319	1.310	1.306	1.440	9.26
63) I	Phenanthrene-d10	-----ISTD-----								
64)	4,6-Dinitro-2-...	0.094	0.117	0.145	0.129	0.142	0.120	0.149	0.128	15.27
65) c	n-Nitrosodiphe...	0.742	0.745	0.622	0.647	0.580	0.514	0.510	0.623	15.51
66)	4-Bromophenyl-...	0.207	0.215	0.223	0.207	0.189	0.177	0.180	0.200	8.83
67)	Hexachlorobenzene	0.226	0.216	0.231	0.229	0.206	0.194	0.185	0.212	8.43
68)	Atrazine	0.223	0.222	0.200	0.205	0.154	0.135		0.190	19.27
69) C	Pentachlorophenol	0.115	0.127	0.132	0.137	0.135	0.135	0.122	0.129	6.16
70)	Phenanthrene	1.295	1.206	1.172	1.101	0.940	0.853	0.814	1.055	17.68
71)	Anthracene	1.345	1.328	1.099	0.998	1.031	1.034	0.905	1.106	15.18
72)	Carbazole	1.149	1.073	1.081	0.994	0.839	0.773	0.768	0.954	16.59
73)	Di-n-butylphth...	1.402	1.358	1.358	1.242	1.083	0.994	0.924	1.195	16.17
74) C	Fluoranthene	1.363	1.263	1.097	1.056	1.057	1.018	0.874	1.104	14.64
75) I	Chrysene-d12	-----ISTD-----								
76)	Benzidine	0.739	0.812	0.772	0.684	0.647	0.574	0.480	0.673	17.35
77)	Pyrene	1.441	1.435	1.375	1.485	1.575	1.404	1.337	1.436	5.41
78) S	Terphenyl-d14	0.817	0.855	0.821	0.762	0.892	0.855	0.816	0.831	4.97
79)	Butylbenzylphth...	0.643	0.646	0.676	0.702	0.749	0.697	0.678	0.685	5.33
80)	Benzo(a)anthra...	1.172	1.237	1.192	1.136	1.174	1.128	1.088	1.161	4.19
81)	3,3'-Dichlorob...	0.420	0.432	0.470	0.417	0.419	0.424	0.397	0.426	5.23
82)	Chrysene	1.197	1.087	1.115	1.224	1.199	1.040	0.957	1.117	8.73

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

Method File : 8270-BF031816.M

83)	Bis(2-ethylhex...	0.921	0.872	0.861	0.845	0.868	0.791	0.795	0.850	5.38
84) c	Di-n-octyl pht...	1.482	1.429	1.523	1.432	1.379	1.277	1.178	1.386	8.69
85)	Indeno(1,2,3-c...	1.033	0.901	0.955	0.873	0.940	0.842	0.990	0.933	7.13
86) I	Perylene-d12	-----ISTD-----								
87)	Benzo(b)fluora...	1.442	1.313	1.172	1.174	1.435	1.383	1.216	1.305	9.11
88)	Benzo(k)fluora...	1.064	1.119	1.228	1.285	0.911	0.922	0.997	1.075	13.46
89) C	Benzo(a)pyrene	1.144	1.139	1.132	1.122	1.072	1.074	1.063	1.106	3.20
90)	Dibenzo(a,h)an...	0.980	0.905	0.903	0.882	0.945	0.871	0.974	0.923	4.71
91)	Benzo(g,h,i)pe...	0.969	0.859	0.856	0.846	0.916	0.849	0.958	0.893	5.99

(#) = Out of Range