

Method Path : Z:\HPCHEM1\BNA_F\METHODS\
 Method File : 8270-BF021915.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Thu Feb 19 16:57:32 2015
 Response Via : Initial Calibration

Calibration Files

80 =BF077370.D 60 =BF077371.D 50 =BF077372.D 40 =BF077373.D 25 =BF077374.D 10 =BF077375.D 2.5 =BF077376.D

	Compound	80	60	50	40	25	10	2.5	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----								
2)	1,4-Dioxane	0.536	0.473	0.482	0.501	0.476	0.583	0.508	8.49	
3)	Pyridine	1.444	1.336	1.543	1.549	1.374	1.481	1.454	5.99	
4)	n-Nitrosodimet...	0.649	0.571	0.624	0.614	0.632	0.703	0.632	6.87	
5) S	2-Fluorophenol	1.172	1.149	1.182	1.213	1.176	1.289	1.205	1.198	3.78
6)	Aniline	2.084	2.086	2.142	2.202	2.067	2.282	2.039	2.129	4.05
7) S	Phenol-d6	1.516	1.515	1.534	1.592	1.457	1.697	1.470	1.540	5.33
8)	2-Chlorophenol	1.391	1.361	1.400	1.430	1.374	1.520	1.416	1.413	3.73
9)	Benzaldehyde	0.736	0.835	0.880	0.920	0.995	1.130	1.050	0.935	14.34
10) C	Phenol	1.671	1.831	1.897	1.949	1.692	1.925	1.828	1.828	5.99
11)	bis(2-Chloroet...	1.339	1.326	1.280	1.311	1.255	1.354	1.328	1.313	2.63
12)	1,3-Dichlorobe...	1.542	1.483	1.516	1.575	1.496	1.631	1.530	1.539	3.28
13) C	1,4-Dichlorobe...	1.498	1.501	1.550	1.602	1.539	1.688	1.579	1.566	4.21
14)	1,2-Dichlorobe...	1.392	1.452	1.505	1.538	1.464	1.609	1.466	1.489	4.68
15)	Benzyl Alcohol	1.202	1.161	1.151	1.196	1.115	1.243	1.127	1.171	3.87
16)	2,2'-oxybis(1-...	1.835	1.860	1.879	1.941	1.873	1.935	1.818	1.877	2.49
17)	2-Methylphenol	1.081	1.102	1.141	1.191	1.077	1.163	0.978	1.105	6.34
18)	Hexachloroethane	0.517	0.519	0.542	0.534	0.520	0.561	0.469	0.523	5.43
19) P	n-Nitroso-di-n...	0.991	0.933	0.957	1.029	1.028	1.002	0.906	0.978	4.84
20)	3+4-Methylphenols	1.390	1.455	1.461	1.521	1.461	1.485	1.411	1.455	3.00
21) I	Naphthalene-d8	-----ISTD-----								
22)	Acetophenone	0.456	0.444	0.449	0.458	0.470	0.521	0.496	0.470	5.95
23) S	Nitrobenzene-d5	0.306	0.329	0.320	0.333	0.309	0.344	0.310	0.322	4.39
24)	Nitrobenzene	0.338	0.343	0.333	0.345	0.334	0.359	0.317	0.338	3.79
25)	Isophorone	0.618	0.648	0.632	0.680	0.648	0.654	0.586	0.638	4.64
26) C	2-Nitrophenol	0.140	0.150	0.149	0.154	0.145	0.133	0.100	0.139	13.33
27)	2,4-Dimethylph...	0.289	0.299	0.316	0.317	0.321	0.330	0.301	0.310	4.67
28)	bis(2-Chloroet...	0.368	0.382	0.394	0.413	0.422	0.441	0.401	0.403	6.18
29) C	2,4-Dichloroph...	0.298	0.297	0.292	0.301	0.287	0.305	0.259	0.291	5.22
30)	1,2,4-Trichlor...	0.301	0.302	0.313	0.328	0.322	0.350	0.326	0.320	5.30
31)	Naphthalene	0.967	0.966	0.948	0.997	1.002	1.089	1.032	1.000	4.80
32)	Benzoic acid	0.151	0.161	0.151	0.165	0.148	0.130	0.151		8.12
33)	4-Chloroaniline	0.439	0.451	0.429	0.466	0.437	0.463	0.427	0.445	3.58
34) C	Hexachlorobuta...	0.165	0.175	0.179	0.187	0.188	0.198	0.188	0.183	5.81
35)	Caprolactam	0.089	0.089	0.087	0.094	0.093	0.092	0.079	0.089	5.66
36) C	4-Chloro-3-met...	0.295	0.283	0.290	0.311	0.304	0.295	0.272	0.293	4.44
37)	2-Methylnaphth...	0.680	0.710	0.704	0.748	0.717	0.729	0.686	0.710	3.33

Method Path : Z:\HPCHEM1\BNA_F\METHODS\
 Method File : 8270-BF021915.M

38) I	Acenaphthene-d10	-----ISTD-----									
39)	1,2,4,5-Tetrac...	0.521	0.552	0.572	0.594	0.587	0.606	0.585	0.574	5.02	
40) P	Hexachlorocycl...	0.310	0.327	0.320	0.340	0.313	0.291	0.253	0.308	9.30	
41) S	2,4,6-Tribromo...	0.189	0.193	0.189	0.206	0.196	0.198	0.176	0.193	4.94	
42) C	2,4,6-Trichlor...	0.350	0.366	0.375	0.410	0.397	0.407	0.355	0.380	6.52	
43)	2,4,5-Trichlor...	0.382	0.404	0.419	0.431	0.409	0.418	0.382	0.406	4.64	
44) S	2-Fluorobiphenyl	1.094	1.125	1.208	1.293	1.381	1.445	1.433	1.283	11.24	
45)	1,1'-Biphenyl	1.348	1.427	1.503	1.570	1.532	1.648	1.579	1.515	6.64	
46)	2-Chloronaphth...	1.089	1.113	1.170	1.194	1.186	1.289	1.278	1.188	6.35	
47)	2-Nitroaniline	0.312	0.296	0.294	0.307	0.297	0.298	0.245	0.293	7.57	
48)	Acenaphthylene	1.748	1.769	1.810	1.913	1.926	2.079	1.923	1.881	6.11	
49)	Dimethylphthalate	1.261	1.349	1.308	1.430	1.442	1.583	1.468	1.406	7.74	
50)	2,6-Dinitrotol...	0.277	0.295	0.296	0.317	0.293	0.289	0.206	0.282	12.60	
51) C	Acenaphthene	1.007	0.993	1.089	1.162	1.177	1.240	1.189	1.123	8.44	
52)	3-Nitroaniline	0.345	0.309	0.325	0.353	0.343	0.337	0.264	0.325	9.37	
53) P	2,4-Dinitrophenol	0.096	0.098	0.089	0.090	0.078	0.064		0.086	14.76	
54)	Dibenzofuran	1.536	1.584	1.683	1.777	1.832	1.901	1.819	1.733	7.85	
55) P	4-Nitrophenol	0.238	0.278	0.264	0.290	0.247	0.265	0.247	0.261	7.13	
56)	2,4-Dinitrotol...	0.348	0.368	0.401	0.432	0.392	0.344		0.381	8.84	
57)	Fluorene	1.262	1.260	1.315	1.432	1.415	1.558	1.458	1.386	8.02	
58)	2,3,4,6-Tetrac...	0.309	0.327	0.341	0.356	0.343	0.327	0.283	0.327	7.48	
59)	Diethylphthalate	1.283	1.358	1.299	1.426	1.480	1.473	1.384	1.386	5.67	
60)	4-Chlorophenyl...	0.576	0.606	0.656	0.691	0.701	0.735	0.709	0.668	8.69	
61)	4-Nitroaniline	0.295	0.331	0.305	0.331	0.335	0.324	0.259	0.312	8.85	
62)	Azobenzene	1.195	1.216	1.272	1.394	1.387	1.430	1.312	1.315	6.99	
63) I	Phenanthrene-d10	-----ISTD-----									
64)	4,6-Dinitro-2-...	0.080	0.088	0.079	0.079	0.069	0.053		0.075	16.01	
65) c	n-Nitrosodiphe...	0.616	0.659	0.667	0.687	0.682	0.687	0.647	0.664	3.87	
66)	4-Bromophenyl-...	0.224	0.228	0.227	0.233	0.239	0.246	0.242	0.234	3.56	
67)	Hexachlorobenzene	0.243	0.243	0.246	0.246	0.250	0.266	0.266	0.251	4.04	
68)	Atrazine	0.205	0.228	0.210	0.203	0.220	0.241	0.205	0.216	6.62	
69) C	Pentachlorophenol	0.143	0.142	0.140	0.141	0.135	0.127	0.097	0.132	12.42	
70)	Phenanthrene	1.085	1.116	1.125	1.144	1.175	1.252	1.217	1.159	5.11	
71)	Anthracene	1.118	1.108	1.110	1.127	1.153	1.264	1.173	1.150	4.81	
72)	Carbazole	1.011	1.003	1.095	1.142	1.116	1.208	1.081	1.094	6.59	
73)	Di-n-butylphth...	1.240	1.320	1.259	1.357	1.377	1.299	1.139	1.284	6.29	
74) C	Fluoranthene	1.212	1.174	1.233	1.289	1.279	1.414	1.262	1.266	6.04	
75) I	Chrysene-d12	-----ISTD-----									
76)	Benzidine	0.572	0.630	0.621	0.625	0.705	0.753	0.823	0.676	13.09	
77)	Pyrene	1.125	1.217	1.225	1.208	1.269	1.306	1.214	1.223	4.59	
78) S	Terphenyl-d14	0.793	0.807	0.814	0.854	0.938	0.924	0.859	0.856	6.65	
79)	Butylbenzylphth...	0.522	0.553	0.514	0.531	0.553	0.487	0.363	0.503	13.09	
80)	Benzo(a)anthra...	1.118	1.171	1.133	1.153	1.179	1.263	1.189	1.172	4.03	
81)	3,3'-Dichlorob...	0.409	0.437	0.434	0.438	0.446	0.462	0.380	0.430	6.24	
82)	Chrysene	1.055	1.050	1.066	1.067	1.101	1.222	1.143	1.101	5.68	

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

Method File : 8270-BF021915.M

83)	Bis(2-ethylhex...	0.801	0.843	0.782	0.825	0.886	0.839	0.673	0.807	8.39
84) c	Di-n-octyl pht...	1.375	1.397	1.340	1.415	1.438	1.411	1.057	1.348	9.80
85)	Indeno(1,2,3-c...	1.268	1.231	1.276	1.258	1.185	1.322	1.245	1.255	3.37
86) I	Perylene-d12	-----ISTD-----								
87)	Benzo(b)fluora...	1.085	1.142	1.125	1.233	1.194	1.232	1.129	1.163	4.94
88)	Benzo(k)fluora...	1.043	1.097	1.159	1.072	1.155	1.275	1.177	1.140	6.80
89) C	Benzo(a)pyrene	1.046	1.060	1.111	1.145	1.132	1.198	1.062	1.108	4.99
90)	Dibenzo(a,h)an...	1.016	1.026	1.049	1.086	1.032	1.138	1.048	1.056	4.02
91)	Benzo(g,h,i)pe...	1.051	1.041	1.061	1.089	1.043	1.141	1.038	1.066	3.51

(#) = Out of Range