

Method Path : Z:\HPCHEM1\BNA_F\METHODS\
 Method File : 8270-BF110715.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Sat Nov 07 02:32:49 2015
 Response Via : Initial Calibration

Calibration Files

2.5 =BF082753.D 10 =BF082754.D 25 =BF082755.D 40 =BF082756.D 50 =BF082757.D 60 =BF082758.D 80 =BF082759.D

	Compound	2.5	10	25	40	50	60	80	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----								
2)	1,4-Dioxane	0.600	0.557	0.553	0.565	0.524	0.536	0.547	0.555	4.35
3)	Pyridine	1.711	1.515	1.665	1.664	1.535	1.559	1.618	1.609	4.64
4)	n-Nitrosodimet...	0.906	0.718	0.784	0.778	0.777	0.813	0.811	0.798	7.13
5) S	2-Fluorophenol	1.511	1.305	1.345	1.303	1.193	1.139	1.202	1.285	9.63
6)	Aniline	2.832	2.395	2.463	2.265	2.236	2.348	2.256	2.399	8.66
7) S	Phenol-d6	2.036	1.795	1.674	1.655	1.532	1.689	1.581	1.709	9.74
8)	2-Chlorophenol	1.662	1.411	1.498	1.409	1.272	1.297	1.426	1.425	9.15
9)	Benzaldehyde	1.091	1.054	0.994	0.918	0.866	0.741	0.944		13.77
10) C	Phenol	2.236	2.084	1.835	2.032	1.644	1.953	1.789	1.939	10.29
11)	bis(2-Chloroet...	1.625	1.580	1.387	1.518	1.300	1.254	1.486	1.450	9.69
12)	1,3-Dichlorobe...	1.809	1.584	1.619	1.623	1.582	1.583	1.450	1.607	6.60
13) C	1,4-Dichlorobe...	2.083	1.703	1.583	1.517	1.528	1.630	1.660	1.672	11.57
14)	1,2-Dichlorobe...	1.717	1.565	1.679	1.518	1.342	1.332	1.490	1.521	9.83
15)	Benzyl Alcohol	1.602	1.523	1.495	1.444	1.533	1.512	1.397	1.501	4.39
16)	2,2'-oxybis(1-...	2.378	2.245	2.261	2.063	1.975	1.979	1.987	2.127	7.77
17)	2-Methylphenol	1.238	1.264	1.175	1.213	1.214	1.167	1.177	1.207	3.00
18)	Hexachloroethane	0.741	0.620	0.607	0.560	0.551	0.552	0.556	0.598	11.54
19) P	n-Nitroso-di-n...	1.466	1.284	1.204	1.222	1.125	1.304	1.188	1.256	8.78
20)	3+4-Methylphenols	1.858	1.641	1.706	1.404	1.420	1.627	1.327	1.569	12.18
21) I	Naphthalene-d8	-----ISTD-----								
22)	Acetophenone	0.682	0.593	0.623	0.525	0.512	0.553	0.523	0.573	10.98
23) S	Nitrobenzene-d5	0.505	0.475	0.463	0.456	0.454	0.422	0.442	0.460	5.70
24)	Nitrobenzene	0.548	0.491	0.516	0.452	0.388	0.439	0.457	0.470	11.26
25)	Isophorone	0.983	0.839	0.889	0.816	0.805	0.810	0.811	0.850	7.70
26) C	2-Nitrophenol	0.191	0.195	0.209	0.215	0.203	0.189	0.173	0.196	7.11
27)	2,4-Dimethylph...	0.400	0.394	0.338	0.336	0.348	0.345	0.307	0.353	9.44
28)	bis(2-Chloroet...	0.550	0.484	0.522	0.492	0.436	0.408	0.466	0.480	10.11
29) C	2,4-Dichloroph...	0.332	0.320	0.354	0.309	0.289	0.293	0.334	0.319	7.40
30)	1,2,4-Trichlor...	0.390	0.357	0.366	0.354	0.350	0.348	0.343	0.358	4.36
31)	Naphthalene	1.304	1.197	1.069	1.055	1.040	1.070	0.989	1.103	9.84
32)	Benzoic acid	0.204	0.233	0.250	0.245	0.241	0.250	0.267	0.241	8.11
33)	4-Chloroaniline	0.557	0.517	0.463	0.473	0.473	0.446	0.399	0.476	10.56
34) C	Hexachlorobuta...	0.233	0.231	0.234	0.219	0.212	0.212	0.229	0.224	4.35
35)	Caprolactam	0.113	0.099	0.099	0.105	0.090	0.093	0.105	0.100	7.57
36) C	4-Chloro-3-met...	0.421	0.430	0.393	0.363	0.318	0.357	0.341	0.375	11.09
37)	2-Methylnaphth...	0.829	0.790	0.792	0.681	0.634	0.597	0.673	0.714	12.51

Method Path : Z:\HPCHEM1\BNA_F\METHODS\
 Method File : 8270-BF110715.M

38) I	Acenaphthene-d10	-----ISTD-----								
39)	1,2,4,5-Tetrac...	0.651	0.611	0.700	0.710	0.685	0.656	0.587	0.657	6.98
40) P	Hexachlorocycl...	0.273	0.316	0.375	0.371	0.368	0.372	0.396	0.353	12.09
41) S	2,4,6-Tribromo...	0.240	0.211	0.249	0.218	0.208	0.223	0.257	0.229	8.42
42) C	2,4,6-Trichlor...	0.495	0.479	0.486	0.473	0.483	0.503	0.515	0.491	3.00
43)	2,4,5-Trichlor...	0.514	0.497	0.453	0.491	0.492	0.471	0.479	0.485	4.05
44) S	2-Fluorobiphenyl	1.584	1.379	1.528	1.304	1.224	1.296	1.453	1.395	9.44
45)	1,1'-Biphenyl	1.937	1.669	1.694	1.850	1.766	1.645	1.451	1.716	9.14
46)	2-Chloronaphth...	1.485	1.279	1.326	1.415	1.351	1.304	1.211	1.339	6.73
47)	2-Nitroaniline	0.482	0.498	0.456	0.546	0.537	0.513	0.444	0.497	7.75
48)	Acenaphthylene	2.339	2.022	2.248	2.030	1.930	1.942	2.176	2.098	7.53
49)	Dimethylphthalate	1.876	1.562	1.710	1.486	1.646	1.635	1.554	1.639	7.79
50)	2,6-Dinitrotol...	0.373	0.321	0.388	0.313	0.331	0.390	0.332	0.350	9.40
51) C	Acenaphthene	1.345	1.293	1.428	1.279	1.247	1.255	1.462	1.330	6.42
52)	3-Nitroaniline	0.382	0.399	0.351	0.430	0.367	0.347	0.415	0.385	8.27
53) P	2,4-Dinitrophenol		0.163	0.168	0.222	0.214	0.192		0.192	13.84
54)	Dibenzofuran	1.896	1.802	1.951	1.718	1.615	1.682	1.884	1.793	6.97
55) P	4-Nitrophenol	0.288	0.262	0.303	0.292	0.326	0.272	0.321	0.295	8.03
56)	2,4-Dinitrotol...	0.483	0.444	0.523	0.428	0.492	0.506	0.443	0.474	7.59
57)	Fluorene	1.575	1.415	1.609	1.424	1.293	1.328	1.520	1.452	8.29
58)	2,3,4,6-Tetrac...	0.397	0.405	0.393	0.368	0.382	0.422	0.405	0.396	4.39
59)	Diethylphthalate	1.661	1.655	1.604	1.578	1.606	1.638	1.458	1.600	4.33
60)	4-Chlorophenyl...	0.793	0.723	0.689	0.694	0.716	0.756	0.715	0.726	5.02
61)	4-Nitroaniline	0.403	0.379	0.425	0.372	0.406	0.360	0.362	0.387	6.39
62)	Azobenzene	1.754	1.685	1.546	1.708	1.736	1.847	1.754	1.719	5.33
63) I	Phenanthrene-d10	-----ISTD-----								
64)	4,6-Dinitro-2-...	0.117	0.145	0.159	0.139	0.138	0.166	0.134	0.142	11.38
65) c	n-Nitrosodiphe...	0.866	0.757	0.719	0.724	0.666	0.606	0.720	0.723	11.08
66)	4-Bromophenyl-...	0.278	0.259	0.247	0.218	0.215	0.216	0.252	0.241	10.31
67)	Hexachlorobenzene	0.300	0.285	0.273	0.244	0.243	0.256	0.281	0.269	8.09
68)	Atrazine	0.261	0.228	0.255	0.211	0.184	0.206	0.219	0.223	12.19
69) C	Pentachlorophenol	0.133	0.149	0.173	0.179	0.174	0.171	0.164	0.163	9.97
70)	Phenanthrene	1.377	1.183	1.286	1.160	1.087	0.986	1.051	1.161	11.71
71)	Anthracene	1.449	1.352	1.182	1.131	1.182	1.191	1.077	1.223	10.66
72)	Carbazole	1.320	1.146	1.073	1.090	1.060	0.959	0.849	1.071	13.74
73)	Di-n-butylphth...	1.452	1.329	1.362	1.305	1.312	1.304	1.276	1.334	4.38
74) C	Fluoranthene	1.468	1.307	1.266	1.261	1.239	1.153	1.031	1.246	10.79
75) I	Chrysene-d12	-----ISTD-----								
76)	Benzidine	0.644	0.741	0.839	0.704	0.627	0.587	0.549	0.670	14.79
77)	Pyrene	1.555	1.463	1.391	1.324	1.377	1.308	1.196	1.373	8.38
78) S	Terphenyl-d14	0.956	0.913	0.907	0.853	0.823	0.735	0.716	0.843	10.83
79)	Butylbenzylphth...	0.590	0.643	0.630	0.570	0.564	0.567	0.683	0.607	7.55
80)	Benzo(a)anthra...	1.436	1.354	1.347	1.181	1.153	1.121	1.162	1.251	9.98
81)	3,3'-Dichlorob...	0.438	0.487	0.459	0.443	0.465	0.447	0.374	0.445	7.88
82)	Chrysene	1.272	1.225	1.301	1.054	1.019	0.979	1.168	1.146	11.21

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

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83)	Bis(2-ethylhex...	0.834	0.901	0.909	0.788	0.799	0.794	0.788	0.831	6.45
84) c	Di-n-octyl pht...	1.377	1.442	1.512	1.367	1.360	1.268	1.371	1.385	5.44
85)	Indeno(1,2,3-c...	1.030	1.050	1.050	0.935	0.945	0.931	0.964	0.987	5.53
86) I	Perylene-d12	-----ISTD-----								
87)	Benzo(b)fluora...	1.399	1.403	1.214	1.159	1.158	1.299	1.354	1.284	8.34
88)	Benzo(k)fluora...	1.223	0.987	1.298	1.193	1.186	1.034	1.050	1.139	10.11
89) C	Benzo(a)pyrene	1.173	1.106	1.155	1.086	1.091	1.085	1.090	1.112	3.27
90)	Dibenzo(a,h)an...	0.973	0.887	0.976	0.924	0.926	0.950	0.958	0.942	3.36
91)	Benzo(g,h,i)pe...	0.960	0.882	0.905	0.863	0.874	0.898	0.933	0.902	3.78

(#) = Out of Range