

Method Path : Z:\HPCHEM1\BNA_F\METHODS\
 Method File : 8270-BF080415.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Wed Aug 05 01:46:16 2015
 Response Via : Initial Calibration

Calibration Files

2.5 =BF080841.D 10 =BF080842.D 25 =BF080843.D 40 =BF080844.D 50 =BF080845.D 60 =BF080846.D 80 =BF080847.D

	Compound	2.5	10	25	40	50	60	80	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----								
2)	1,4-Dioxane	0.652	0.666	0.657	0.640	0.632	0.659	0.629	0.648	2.22
3)	Pyridine	1.465	1.606	1.838	1.977	1.964	1.909	1.741	1.786	10.81
4)	n-Nitrosodimet...	0.840	0.972	0.922	0.912	0.929	0.928	0.909	0.916	4.31
5) S	2-Fluorophenol	1.389	1.423	1.308	1.355	1.331	1.315	1.131	1.321	7.09
6)	Aniline	2.704	2.665	2.712	2.429	2.405	2.402	2.281	2.514	6.97
7) S	Phenol-d6	1.956	1.837	1.846	1.600	1.683	1.700	1.471	1.727	9.54
8)	2-Chlorophenol	1.606	1.660	1.489	1.452	1.448	1.470	1.238	1.480	9.09
9)	Benzaldehyde	1.296	1.318	1.291	1.206	1.148	1.128	1.049	1.205	8.44
10) C	Phenol	2.308	2.086	2.315	1.764	2.052	2.179	1.683	2.055	12.09
11)	bis(2-Chloroet...	1.774	1.719	1.435	1.582	1.551	1.448	1.235	1.535	11.94
12)	1,3-Dichlorobe...	1.799	1.730	1.582	1.506	1.506	1.496	1.486	1.586	8.02
13) C	1,4-Dichlorobe...	1.830	1.819	1.682	1.487	1.462	1.465	1.399	1.592	11.40
14)	1,2-Dichlorobe...	1.808	1.594	1.432	1.439	1.453	1.485	1.305	1.502	10.61
15)	Benzyl Alcohol	0.817	1.167	1.255	1.202	1.128	1.166	1.163	1.128	12.68
16)	2,2'-oxybis(1-...	3.206	3.129	2.916	2.890	2.976	2.950	2.726	2.971	5.32
17)	2-Methylphenol	1.560	1.444	1.316	1.285	1.207	1.161	1.104	1.297	12.39
18)	Hexachloroethane	0.608	0.617	0.612	0.608	0.598	0.611	0.584	0.605	1.82
19) P	n-Nitroso-di-n...	1.307	1.226	1.138	1.022	1.093	1.094	0.932	1.116	11.16
20)	3+4-Methylphenols	1.717	1.720	1.578	1.400	1.492	1.447	1.170	1.503	12.81
21) I	Naphthalene-d8	-----ISTD-----								
22)	Acetophenone	0.559	0.571	0.461	0.486	0.472	0.446	0.423	0.488	11.46
23) S	Nitrobenzene-d5	0.465	0.441	0.433	0.404	0.400	0.395	0.432	0.424	6.06
24)	Nitrobenzene	0.455	0.494	0.404	0.442	0.470	0.444	0.372	0.440	9.29
25)	Isophorone	0.840	0.830	0.697	0.754	0.725	0.704	0.715	0.752	7.92
26) C	2-Nitrophenol	0.169	0.203	0.186	0.172	0.175	0.173	0.186	0.181	6.57
27)	2,4-Dimethylph...	0.363	0.364	0.319	0.337	0.346	0.327	0.298	0.336	7.10
28)	bis(2-Chloroet...	0.508	0.542	0.471	0.404	0.421	0.424	0.466	0.462	10.82
29) C	2,4-Dichloroph...	0.286	0.307	0.283	0.264	0.267	0.261	0.275	0.278	5.86
30)	1,2,4-Trichlor...	0.333	0.335	0.325	0.314	0.313	0.301	0.290	0.316	5.31
31)	Naphthalene	1.180	1.165	1.115	1.094	1.069	1.040	0.962	1.089	6.90
32)	Benzoic acid	0.142	0.196	0.200	0.222	0.228	0.218	0.243	0.207	15.84
33)	4-Chloroaniline	0.475	0.480	0.464	0.433	0.396	0.375	0.361	0.426	11.55
34) C	Hexachlorobuta...	0.195	0.196	0.171	0.170	0.179	0.173	0.176	0.180	6.05
35)	Caprolactam	0.082	0.082	0.071	0.078	0.083	0.079	0.080	0.079	5.46
36) C	4-Chloro-3-met...	0.334	0.332	0.286	0.322	0.301	0.280	0.277	0.304	8.13
37)	2-Methylnaphth...	0.771	0.766	0.688	0.618	0.591	0.573	0.563	0.653	13.58

Method Path : Z:\HPCHEM1\BNA_F\METHODS\
 Method File : 8270-BF080415.M

38) I	Acenaphthene-d10	-----ISTD-----								
39)	1,2,4,5-Tetrac...	0.751	0.680	0.661	0.667	0.682	0.668	0.669	0.682	4.55
40) P	Hexachlorocycl...	0.346	0.373	0.425	0.426	0.438	0.439	0.424	0.410	8.78
41) S	2,4,6-Tribromo...	0.220	0.200	0.174	0.191	0.199	0.192	0.176	0.193	8.12
42) C	2,4,6-Trichlor...	0.478	0.482	0.511	0.441	0.451	0.434	0.441	0.463	6.18
43)	2,4,5-Trichlor...	0.475	0.492	0.472	0.429	0.461	0.454	0.465	0.464	4.18
44) S	2-Fluorobiphenyl	1.751	1.636	1.649	1.428	1.335	1.316	1.282	1.485	12.79
45)	1,1'-Biphenyl	2.107	1.870	1.766	1.780	1.855	1.837	1.689	1.844	7.14
46)	2-Chloronaphth...	1.637	1.480	1.385	1.378	1.443	1.409	1.306	1.434	7.31
47)	2-Nitroaniline	0.534	0.495	0.496	0.567	0.555	0.529	0.478	0.522	6.38
48)	Acenaphthylene	2.613	2.455	2.465	2.365	2.321	2.241	2.057	2.359	7.57
49)	Dimethylphthalate	1.781	1.466	1.474	1.397	1.322	1.286	1.484	1.459	11.11
50)	2,6-Dinitrotol...	0.280	0.301	0.340	0.299	0.292	0.285	0.338	0.305	8.00
51) C	Acenaphthene	1.574	1.459	1.446	1.454	1.394	1.356	1.247	1.418	7.15
52)	3-Nitroaniline	0.376	0.426	0.345	0.394	0.400	0.375	0.321	0.377	9.32
53) P	2,4-Dinitrophenol	0.092	0.136	0.142	0.170	0.199	0.193		0.155	25.83
54)	Dibenzofuran	2.179	1.922	1.929	1.931	1.835	1.819	1.625	1.892	8.78
55) P	4-Nitrophenol	0.243	0.254	0.269	0.279	0.263	0.248	0.300	0.265	7.39
56)	2,4-Dinitrotol...	0.381	0.367	0.408	0.398	0.366	0.347	0.429	0.385	7.38
57)	Fluorene	1.755	1.505	1.371	1.401	1.450	1.367	1.263	1.445	10.81
58)	2,3,4,6-Tetrac...	0.350	0.336	0.350	0.343	0.327	0.312	0.312	0.333	4.92
59)	Diethylphthalate	1.596	1.426	1.511	1.419	1.422	1.333	1.402	1.444	5.86
60)	4-Chlorophenyl...	0.852	0.732	0.650	0.597	0.574	0.568	0.585	0.651	16.22
61)	4-Nitroaniline	0.324	0.358	0.312	0.369	0.319	0.310	0.363	0.336	7.69
62)	Azobenzene	1.832	1.856	1.673	1.570	1.687	1.608	1.597	1.689	6.74
63) I	Phenanthrene-d10	-----ISTD-----								
64)	4,6-Dinitro-2-...	0.111	0.125	0.121	0.143	0.145	0.126	0.129		10.24
65) c	n-Nitrosodiphe...	0.806	0.820	0.746	0.726	0.786	0.768	0.711	0.766	5.32
66)	4-Bromophenyl-...	0.220	0.227	0.231	0.230	0.224	0.221	0.196	0.221	5.31
67)	Hexachlorobenzene	0.259	0.248	0.231	0.226	0.242	0.241	0.245	0.242	4.42
68)	Atrazine	0.212	0.217	0.183	0.191	0.212	0.204	0.176	0.199	7.97
69) C	Pentachlorophenol	0.101	0.127	0.145	0.142	0.133	0.133	0.140	0.132	11.24
70)	Phenanthrene	1.298	1.259	1.124	1.043	1.105	1.113	1.148	1.156	7.82
71)	Anthracene	1.183	1.150	1.158	1.173	1.104	1.108	0.984	1.123	6.08
72)	Carbazole	1.117	1.170	1.045	0.953	1.033	1.010	1.086	1.059	6.80
73)	Di-n-butylphth...	1.211	1.233	1.347	1.320	1.249	1.214	1.206	1.254	4.50
74) C	Fluoranthene	1.150	1.140	1.202	1.157	1.113	1.092	1.024	1.125	5.04
75) I	Chrysene-d12	-----ISTD-----								
76)	Benzidine	0.824	0.892	0.923	1.029	1.073	1.028	1.008	0.968	9.29
77)	Pyrene	1.729	1.629	1.703	1.857	1.892	1.944	1.805	1.794	6.27
78) S	Terphenyl-d14	1.134	1.054	1.029	1.164	1.158	1.143	1.054	1.105	5.17
79)	Butylbenzylphth...	0.618	0.635	0.653	0.745	0.785	0.832	0.869	0.734	13.67
80)	Benzo(a)anthra...	1.313	1.274	1.317	1.332	1.376	1.390	1.362	1.338	3.06
81)	3,3'-Dichlorob...	0.450	0.466	0.480	0.485	0.517	0.548	0.533	0.497	7.25
82)	Chrysene	1.359	1.306	1.219	1.338	1.414	1.459	1.448	1.363	6.26

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

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83)	Bis(2-ethylhex...	0.803	0.902	0.926	1.027	1.057	1.071	1.073	0.980	10.66
84) c	Di-n-octyl pht...	1.254	1.419	1.587	1.778	1.807	1.862	1.821	1.647	14.23
85)	Indeno(1,2,3-c...	1.007	1.071	1.105	1.145	1.160	1.174	1.173	1.119	5.59
86) I	Perylene-d12	-----ISTD-----								
87)	Benzo(b)fluora...	1.404	1.477	1.309	1.645	1.599	1.532	1.506	1.496	7.63
88)	Benzo(k)fluora...	1.181	1.317	1.332	0.982	1.068	1.093	1.088	1.152	11.42
89) C	Benzo(a)pyrene	1.178	1.288	1.229	1.183	1.226	1.216	1.227	1.221	2.98
90)	Dibenzo(a,h)an...	1.005	1.093	1.080	1.056	1.068	1.051	1.072	1.061	2.68
91)	Benzo(g,h,i)pe...	0.980	1.073	1.036	1.016	1.030	1.006	1.036	1.025	2.82

(#) = Out of Range