

Method Path : Z:\HPCHEM1\BNA_F\METHODS\
 Method File : 8270-BF123115.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Mon Jan 04 12:22:40 2016
 Response Via : Initial Calibration

Calibration Files

2.5 =BF084184.D 10 =BF084185.D 25 =BF084186.D 40 =BF084187.D 50 =BF084188.D 60 =BF084189.D 80 =BF084190.D

	Compound	2.5	10	25	40	50	60	80	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----								
2)	1,4-Dioxane	0.594	0.563	0.594	0.614	0.588	0.585	0.562	0.586	3.10
3)	Pyridine	1.503	1.568	1.619	1.777	1.677	1.664	1.623	1.633	5.31
4)	n-Nitrosodimet...	0.832	0.744	0.837	0.890	0.879	0.868	0.818	0.838	5.88
5) S	2-Fluorophenol	1.411	1.296	1.288	1.163	1.189	1.232	1.076	1.236	8.75
6)	Aniline	2.654	2.293	2.241	2.346	2.209	2.142	2.017	2.272	8.79
7) S	Phenol-d6	1.818	1.621	1.534	1.571	1.487	1.514	1.324	1.553	9.62
8)	2-Chlorophenol	1.568	1.454	1.449	1.384	1.408	1.386	1.170	1.403	8.57
9)	Benzaldehyde		1.182	1.075	1.009	0.927	0.863		1.011	12.35
10) C	Phenol	1.981	1.991	1.682	1.909	1.569	1.781	1.447	1.766	11.90
11)	bis(2-Chloroet...	1.509	1.280	1.504	1.316	1.445	1.403	1.119	1.368	10.25
12)	1,3-Dichlorobe...	1.704	1.545	1.539	1.410	1.344	1.307	1.281	1.447	10.68
13) C	1,4-Dichlorobe...	1.724	1.491	1.534	1.524	1.388	1.304	1.192	1.451	11.97
14)	1,2-Dichlorobe...	1.741	1.520	1.379	1.304	1.297	1.315	1.172	1.390	13.44
15)	Benzyl Alcohol	1.550	1.392	1.289	1.376	1.183	1.178	1.177	1.306	10.84
16)	2,2'-oxybis(1-...	2.964	2.576	2.529	2.430	2.381	2.302	2.252	2.491	9.58
17)	2-Methylphenol	1.274	1.210	1.151	1.260	1.158	1.086	1.092	1.176	6.39
18)	Hexachloroethane	0.611	0.560	0.575	0.603	0.589	0.579	0.545	0.580	3.97
19) P	n-Nitroso-di-n...	1.131	1.110	1.043	1.026	1.093	0.985	0.971	1.051	5.90
20)	3+4-Methylphenols	1.669	1.451	1.499	1.299	1.364	1.329	1.063	1.382	13.63
21) I	Naphthalene-d8	-----ISTD-----								
22)	Acetophenone	0.551	0.516	0.458	0.514	0.459	0.417	0.451	0.481	9.78
23) S	Nitrobenzene-d5	0.401	0.342	0.368	0.352	0.348	0.369	0.336	0.359	6.14
24)	Nitrobenzene	0.374	0.366	0.346	0.405	0.389	0.329	0.341	0.364	7.51
25)	Isophorone	0.784	0.689	0.646	0.690	0.663	0.664	0.674	0.687	6.59
26) C	2-Nitrophenol	0.137	0.158	0.172	0.163	0.169	0.175	0.188	0.166	9.72
27)	2,4-Dimethylph...	0.391	0.336	0.315	0.358	0.340	0.304	0.306	0.336	9.31
28)	bis(2-Chloroet...	0.456	0.424	0.442	0.390	0.414	0.424	0.389	0.420	5.94
29) C	2,4-Dichloroph...	0.300	0.271	0.286	0.274	0.281	0.288	0.259	0.280	4.71
30)	1,2,4-Trichlor...	0.330	0.281	0.296	0.301	0.285	0.272	0.257	0.289	8.09
31)	Naphthalene	1.104	0.968	0.984	0.901	0.823	0.781	0.792	0.907	13.09
32)	Benzoic acid		0.135	0.190	0.208	0.204	0.213	0.239	0.198	17.49
33)	4-Chloroaniline	0.451	0.423	0.458	0.404	0.377	0.386	0.414	0.416	7.33
34) C	Hexachlorobuta...	0.182	0.158	0.160	0.167	0.166	0.167	0.163	0.166	4.59
35)	Caprolactam	0.099	0.080	0.097	0.107	0.088	0.094	0.095	0.094	8.78
36) C	4-Chloro-3-met...	0.364	0.303	0.316	0.299	0.300	0.333	0.279	0.313	8.86
37)	2-Methylnaphth...	0.804	0.684	0.618	0.627	0.628	0.623	0.576	0.651	11.40

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38) I	Acenaphthene-d10	-----ISTD-----								
39)	1,2,4,5-Tetrac...	0.706	0.618	0.632	0.577	0.519	0.506	0.467	0.575	14.51
40) P	Hexachlorocycl...	0.321	0.351	0.382	0.356	0.339	0.341	0.340	0.347	5.49
41) S	2,4,6-Tribromo...	0.224	0.229	0.199	0.215	0.202	0.189	0.156	0.202	12.29
42) C	2,4,6-Trichlor...	0.528	0.464	0.415	0.420	0.403	0.401	0.379	0.430	11.73
43)	2,4,5-Trichlor...	0.447	0.419	0.422	0.427	0.394	0.394	0.383	0.412	5.50
44) S	2-Fluorobiphenyl	1.752	1.544	1.219	1.166	1.128	1.093		1.317	20.36
45)	1,1'-Biphenyl		1.904	1.819	1.484	1.374	1.513	1.443	1.590	13.67
46)	2-Chloronaphth...	1.522	1.372	1.368	1.128	1.082	1.168	1.101	1.249	13.66
47)	2-Nitroaniline	0.342	0.385	0.457	0.397	0.422	0.473	0.409	0.412	10.70
48)	Acenaphthylene		2.240	1.934	1.937	1.814	1.733	1.411	1.845	14.82
49)	Dimethylphthalate	1.622	1.646	1.435	1.490	1.256	1.240	1.320	1.430	11.61
50)	2,6-Dinitrotol...	0.281	0.353	0.306	0.348	0.314	0.277	0.316	0.314	9.38
51) C	Acenaphthene		1.403	1.259	1.331	1.236	1.181	1.013	1.237	10.85
52)	3-Nitroaniline	0.394	0.356	0.417	0.422	0.414	0.368	0.349	0.389	7.88
53) P	2,4-Dinitrophenol	0.022	0.066	0.116	0.133	0.128			0.093	51.16
54)	Dibenzofuran	2.300	1.987	1.731	1.747	1.607	1.501		1.812	15.96
55) P	4-Nitrophenol	0.243	0.259	0.297	0.339	0.276	0.262	0.299	0.282	11.47
56)	2,4-Dinitrotol...	0.328	0.418	0.390	0.464	0.393	0.364	0.421	0.397	10.99
57)	Fluorene	1.836	1.560	1.262	1.319	1.227	1.198		1.400	17.82
58)	2,3,4,6-Tetrac...	0.388	0.376	0.339	0.373	0.356	0.346	0.287	0.352	9.55
59)	Diethylphthalate		1.625	1.528	1.445	1.330	1.259	1.271	1.410	10.52
60)	4-Chlorophenyl...		0.689	0.652	0.561	0.514	0.491	0.478	0.564	15.56
61)	4-Nitroaniline	0.348	0.322	0.337	0.339	0.368	0.355	0.356	0.346	4.38
62)	Azobenzene	1.833	1.576	1.735	1.576	1.416	1.382	1.304	1.546	12.45
63) I	Phenanthrene-d10	-----ISTD-----								
64)	4,6-Dinitro-2-...		0.076	0.108	0.114	0.125	0.122	0.106	0.109	16.16
65) c	n-Nitrosodiphe...	0.723	0.682	0.676	0.647	0.626	0.620	0.502	0.639	10.99
66)	4-Bromophenyl-...	0.245	0.218	0.233	0.230	0.209	0.196	0.176	0.215	10.93
67)	Hexachlorobenzene	0.292	0.263	0.242	0.230	0.223	0.230	0.216	0.242	10.96
68)	Atrazine	0.227	0.231	0.212	0.237	0.213	0.190	0.156	0.209	13.51
69) C	Pentachlorophenol		0.100	0.136	0.144	0.129	0.124	0.120	0.126	12.03
70)	Phenanthrene		1.250	1.070	1.145	1.036	0.955	0.821	1.046	14.24
71)	Anthracene		1.191	1.198	0.991	0.894	0.944	0.935	1.026	13.12
72)	Carbazole	1.196	1.127	0.985	1.052	0.972	0.926	0.760	1.003	14.17
73)	Di-n-butylphth...		1.365	1.309	1.143	1.004	0.947	0.898	1.111	17.47
74) C	Fluoranthene	1.331	1.215	1.142	1.054	1.002	1.005	0.900	1.093	13.41
75) I	Chrysene-d12	-----ISTD-----								
76)	Benzidine	0.796	0.783	0.781	0.727	0.668	0.654	0.610	0.717	10.29
77)	Pyrene	1.761	1.621	1.377	1.389	1.530	1.606	1.703	1.569	9.38
78) S	Terphenyl-d14	1.080	0.972	0.799	0.772	0.844	0.879	0.926	0.896	11.91
79)	Butylbenzylphth...	0.655	0.668	0.661	0.695	0.681	0.695	0.701	0.679	2.72
80)	Benzo(a)anthra...	1.398	1.226	1.142	1.111	1.097	1.100	1.146	1.174	9.20
81)	3,3'-Dichlorob...	0.399	0.377	0.433	0.416	0.404	0.404	0.435	0.410	4.97
82)	Chrysene	1.236	1.137	0.947	1.114	1.135	1.161	1.169	1.128	7.90

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83)	Bis(2-ethylhex...	0.974	0.917	0.823	0.824	0.826	0.807	0.837	0.858	7.27
84) c	Di-n-octyl pht...	1.510	1.389	1.408	1.528	1.444	1.421	1.440	1.449	3.58
85)	Indeno(1,2,3-c...	0.875	0.829	0.818	0.878	0.941	1.026		0.895	8.68
86) I	Perylene-d12	-----ISTD-----								
87)	Benzo(b)fluora...	1.423	1.242	1.546	1.368	1.259	1.222	1.098	1.308	11.33
88)	Benzo(k)fluora...	1.249	1.181	0.911	1.063	1.008	1.041	1.035	1.070	10.49
89) C	Benzo(a)pyrene	1.181	1.122	1.139	1.156	1.071	1.081	1.018	1.110	5.08
90)	Dibenzo(a,h)an...	0.977	0.926	0.938	0.913	0.930	0.990	1.011	0.955	3.94
91)	Benzo(g,h,i)pe...	1.002	0.946	0.929	0.923	0.970	1.069	1.084	0.989	6.62

(#) = Out of Range