

Method Path : Z:\HPCHEM1\BNA_F\METHODS\
 Method File : 8270-BF102615.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Tue Oct 27 02:43:58 2015
 Response Via : Initial Calibration

Calibration Files

2.5 =BF082518.D 10 =BF082519.D 25 =BF082520.D 40 =BF082521.D 50 =BF082522.D 60 =BF082523.D 80 =BF082524.D

	Compound	2.5	10	25	40	50	60	80	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----								
2)	1,4-Dioxane	0.597	0.609	0.488	0.470	0.453	0.461	0.481	0.508	12.92
3)	Pyridine	0.957	1.204	1.251	1.235	1.219	1.183	1.249	1.185	8.73
4)	n-Nitrosodimet...		0.481	0.492	0.531	0.538	0.534	0.552	0.521	5.37
5) S	2-Fluorophenol	1.066	1.121	1.037	0.999	0.987	0.922	0.959	1.013	6.63
6)	Aniline	1.754	1.730	1.720	1.631	1.647	1.569	1.597	1.664	4.29
7) S	Phenol-d6	1.540	1.342	1.361	1.253	1.284	1.214	1.248	1.320	8.35
8)	2-Chlorophenol	1.317	1.233	1.202	1.180	1.191	1.090	1.105	1.188	6.47
9)	Benzaldehyde	0.849	0.827	0.750	0.673	0.613	0.569	0.533	0.688	18.11
10) C	Phenol	1.656	1.629	1.544	1.345	1.515	1.435	1.370	1.499	8.08
11)	bis(2-Chloroet...	1.376	1.319	1.185	1.105	1.128	1.091	1.122	1.190	9.51
12)	1,3-Dichlorobe...	1.703	1.534	1.447	1.347	1.311	1.257	1.323	1.417	11.03
13) C	1,4-Dichlorobe...	1.685	1.642	1.514	1.407	1.359	1.301	1.300	1.458	10.87
14)	1,2-Dichlorobe...	1.642	1.528	1.344	1.207	1.282	1.211	1.262	1.354	12.40
15)	Benzyl Alcohol	0.913	1.004	0.972	0.887	0.913	0.900	0.844	0.919	5.80
16)	2,2'-oxybis(1-...	1.928	1.736	1.638	1.575	1.540	1.476	1.382	1.611	11.16
17)	2-Methylphenol	1.130	0.981	0.913	0.965	0.917	0.848	0.917	0.953	9.34
18)	Hexachloroethane	0.569	0.520	0.504	0.486	0.475	0.460	0.461	0.496	7.87
19) P	n-Nitroso-di-n...	0.990	0.998	0.822	0.794	0.806	0.816	0.797	0.860	10.65
20)	3+4-Methylphenols	1.375	1.370	1.302	1.184	1.135	1.037	1.119	1.218	10.87
21) I	Naphthalene-d8	-----ISTD-----								
22)	Acetophenone	0.513	0.467	0.428	0.427	0.403	0.382	0.418	0.434	10.08
23) S	Nitrobenzene-d5	0.322	0.322	0.329	0.299	0.304	0.302	0.292	0.310	4.60
24)	Nitrobenzene	0.409	0.388	0.315	0.358	0.311	0.282	0.360	0.346	13.17
25)	Isophorone	0.740	0.678	0.581	0.597	0.571	0.548	0.597	0.616	11.09
26) C	2-Nitrophenol	0.153	0.173	0.167	0.166	0.165	0.168	0.179	0.167	4.68
27)	2,4-Dimethylph...	0.278	0.302	0.252	0.262	0.283	0.270	0.256	0.272	6.41
28)	bis(2-Chloroet...	0.396	0.405	0.351	0.344	0.355	0.346	0.332	0.361	7.67
29) C	2,4-Dichloroph...	0.274	0.297	0.288	0.272	0.256	0.242	0.268	0.271	6.79
30)	1,2,4-Trichlor...	0.345	0.327	0.298	0.295	0.290	0.287	0.303	0.307	7.00
31)	Naphthalene	1.145	1.008	0.863	0.850	0.836	0.833	0.863	0.914	12.95
32)	Benzoic acid		0.126	0.143	0.157	0.156	0.159	0.171	0.152	10.27
33)	4-Chloroaniline	0.370	0.375	0.347	0.367	0.357	0.334	0.331	0.354	5.01
34) C	Hexachlorobuta...	0.221	0.197	0.176	0.167	0.161	0.154	0.166	0.177	13.26
35)	Caprolactam	0.077	0.077	0.072	0.071	0.080	0.070	0.082	0.075	6.09
36) C	4-Chloro-3-met...	0.278	0.265	0.256	0.273	0.249	0.238	0.285	0.264	6.38
37)	2-Methylnaphth...	0.766	0.678	0.648	0.601	0.560	0.526	0.543	0.617	13.88

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38) I	Acenaphthene-d10	-----ISTD-----								
39)	1,2,4,5-Tetrac...	0.646	0.602	0.551	0.594	0.605	0.597	0.630	0.604	4.99
40) P	Hexachlorocycl...		0.020	0.070	0.126	0.143	0.148	0.184	0.115	51.71
41) S	2,4,6-Tribromo...	0.151	0.153	0.140	0.152	0.160	0.149	0.144	0.150	4.33
42) C	2,4,6-Trichlor...	0.379	0.390	0.376	0.386	0.367	0.343	0.393	0.376	4.57
43)	2,4,5-Trichlor...	0.380	0.421	0.376	0.415	0.404	0.363	0.404	0.395	5.52
44) S	2-Fluorobiphenyl	1.542	1.351	1.325	1.176	1.104	1.052	1.254	1.258	13.26
45)	1,1'-Biphenyl	1.709	1.535	1.421	1.589	1.484	1.343	1.338	1.488	9.06
46)	2-Chloronaphth...	1.291	1.210	1.152	1.194	1.150	1.069	1.147	1.173	5.85
47)	2-Nitroaniline	0.302	0.341	0.336	0.333	0.345	0.357	0.372	0.341	6.39
48)	Acenaphthylene	2.212	1.999	1.904	1.791	1.705	1.671	1.871	1.879	9.89
49)	Dimethylphthalate	1.623	1.446	1.251	1.417	1.299	1.271	1.434	1.392	9.37
50)	2,6-Dinitrotol...	0.322	0.324	0.274	0.327	0.308	0.261	0.321	0.305	8.79
51) C	Acenaphthene	1.276	1.129	1.077	1.037	0.978	0.937	1.110	1.078	10.32
52)	3-Nitroaniline	0.287	0.351	0.312	0.360	0.344	0.299	0.364	0.331	9.38
53) P	2,4-Dinitrophenol		0.064	0.085	0.114	0.128	0.130	0.151	0.112	28.34
54)	Dibenzofuran	1.937	1.692	1.538	1.501	1.444	1.352	1.542	1.572	12.16
55) P	4-Nitrophenol		0.042	0.090	0.126	0.128	0.132	0.158	0.113	36.27
56)	2,4-Dinitrotol...	0.370	0.372	0.367	0.360	0.370	0.384	0.367	0.370	1.99
57)	Fluorene	1.570	1.406	1.315	1.207	1.135	1.106	1.297	1.291	12.56
58)	2,3,4,6-Tetrac...	0.258	0.321	0.314	0.306	0.308	0.291	0.316	0.302	7.16
59)	Diethylphthalate	1.671	1.457	1.219	1.369	1.347	1.190	1.228	1.354	12.50
60)	4-Chlorophenyl...	0.710	0.633	0.554	0.575	0.593	0.577	0.608	0.607	8.58
61)	4-Nitroaniline	0.276	0.317	0.332	0.364	0.337	0.343	0.352	0.332	8.59
62)	Azobenzene	1.549	1.386	1.213	1.222	1.276	1.236	1.275	1.308	9.26
63) I	Phenanthrene-d10	-----ISTD-----								
64)	4,6-Dinitro-2-...		0.104	0.115	0.119	0.121	0.127	0.119	0.117	6.46
65) c	n-Nitrosodiphe...	0.657	0.662	0.631	0.560	0.598	0.584	0.543	0.605	7.69
66)	4-Bromophenyl-...	0.199	0.207	0.191	0.177	0.174	0.175	0.191	0.188	6.84
67)	Hexachlorobenzene	0.232	0.205	0.198	0.203	0.198	0.186	0.180	0.200	8.22
68)	Atrazine	0.230	0.214	0.177	0.190	0.173	0.154	0.174	0.187	14.09
69) C	Pentachlorophenol		0.041	0.060	0.074	0.074	0.076	0.084	0.068	22.88
70)	Phenanthrene	1.245	1.157	1.052	0.912	0.925	0.901	1.013	1.029	12.84
71)	Anthracene	1.224	1.130	1.022	1.052	1.022	0.931	0.874	1.037	11.28
72)	Carbazole	1.065	0.977	0.935	0.908	0.866	0.793	0.855	0.914	9.75
73)	Di-n-butylphth...	1.229	1.169	1.066	0.998	1.031	1.069	1.069	1.090	7.41
74) C	Fluoranthene	1.261	1.179	1.077	0.979	0.961	0.921	1.017	1.057	11.74
75) I	Chrysene-d12	-----ISTD-----								
76)	Benzidine	0.564	0.650	0.604	0.561	0.545	0.468	0.450	0.549	12.89
77)	Pyrene	1.526	1.319	1.252	1.163	1.129	1.052	1.170	1.230	12.69
78) S	Terphenyl-d14	0.864	0.749	0.723	0.695	0.641	0.551	0.637	0.694	14.33
79)	Butylbenzylphth...	0.568	0.503	0.486	0.489	0.548	0.490	0.536	0.517	6.40
80)	Benzo(a)anthra...	1.307	1.157	1.055	1.012	1.031	0.942	1.002	1.072	11.42
81)	3,3'-Dichlorob...	0.407	0.410	0.388	0.384	0.368	0.326	0.319	0.372	9.83
82)	Chrysene	1.231	1.101	0.982	0.969	1.086	0.869	0.854	1.013	13.32

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83)	Bis(2-ethylhex...	0.783	0.721	0.689	0.690	0.683	0.631	0.652	0.693	7.09
84) c	Di-n-octyl pht...	1.265	1.179	1.162	1.123	1.158	1.055	1.062	1.143	6.34
85)	Indeno(1,2,3-c...	1.153	1.044	0.961	0.884	0.864	0.804	0.803	0.931	14.04
86) I	Perylene-d12	-----ISTD-----								
87)	Benzo(b)fluora...	1.412	1.155	1.182	1.136	0.978	1.145	1.307	1.188	11.61
88)	Benzo(k)fluora...	1.061	1.168	0.950	0.940	1.066	0.811	0.782	0.968	14.51
89) C	Benzo(a)pyrene	1.190	1.106	1.016	1.007	0.945	0.961	0.978	1.029	8.58
90)	Dibenzo(a,h)an...	0.993	0.976	0.870	0.832	0.776	0.777	0.802	0.861	10.55
91)	Benzo(g,h,i)pe...	1.049	0.967	0.857	0.801	0.755	0.756	0.778	0.852	13.45

(#) = Out of Range