Method Path : Z:\HPCHEM1\BNA_F\METHODS\
Method File : 8270-BF080315.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Tue Aug 04 14:50:50 2015
Response Via : Initial Calibration

Calibration Files
2.5 =BF080808.D 10 =BF080809.D 25 =BF080810.D 40 =BF080811.D 50 =BF080812.D 60 =BF080815.D 80 =BF080814.D

		Compound	2.5	10	25	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------ISTD----------								
2)		1,4-Dioxane	0.628	0.671	0.639	0.577	0.615	0.626	0.564	0.617	5.92
3)		Pyridine	1.419	1.954	1.584	1.553	1.557	1.706	1.607	1.626	10.33
4)		n-Nitrosodimet...	0.867	0.871	0.942	0.852	0.944	0.937	0.906	0.903	4.35
5)	S	2-Fluorophenol	1.262	1.347	1.254	1.262	1.140	1.034	1.133	1.205	8.81
6)		Aniline	2.453	2.600	2.465	2.194	2.247	2.208	2.046	2.316	8.38
7)	S	Phenol-d6	1.734	1.830	1.693	1.526	1.601	1.465	1.488	1.620	8.47
8)		2-Chlorophenol	1.435	1.560	1.325	1.257	1.375	1.217	1.117	1.327	11.08
9)		Benzaldehyde	1.159	1.220	1.119	0.947	0.919	0.830	0.797	0.999	16.71
10)	C	Phenol	2.103	2.050	2.117	1.558	1.961	1.628	1.779	1.885	12.23
11)		bis(2-Chloroet...	1.430	1.654	1.239	1.362	1.379	1.173	1.247	1.355	11.82
12)		1,3-Dichlorobe...	1.627	1.782	1.471	1.353	1.423	1.374	1.402	1.490	10.57
13)	C	1,4-Dichlorobe...	1.613	1.793	1.563	1.431	1.405	1.292	1.306	1.486	12.16
14)		1,2-Dichlorobe...	1.550	1.643	1.297	1.237	1.362	1.338	1.205	1.376	11.79
15)		Benzyl Alcohol	0.939	1.185	1.206	1.088	1.099	1.149	1.060	1.104	8.13
16)		2,2'-oxybis(1-...	2.944	3.121	2.573	2.475	2.631	2.533	2.472	2.678	9.46
17)		2-Methylphenol	1.338	1.353	1.116	1.147	1.111	1.042	1.086	1.171	10.59
18)		Hexachloroethane	0.587	0.603	0.530	0.525	0.545	0.521	0.524	0.548	6.12
19)	P	n-Nitroso-di-n...	1.096	1.237	1.081	0.909	1.073	0.958	0.972	1.046	10.51
20)		3+4-Methylphenols	1.538	1.660	1.377	1.193	1.366	1.168	1.220	1.360	13.61
21)	I	Naphthalene-d8	----------ISTD----------								
22)		Acetophenone	0.539	0.569	0.473	0.479	0.456	0.424	0.474	0.488	10.16
23)	S	Nitrobenzene-d5	0.470	0.420	0.428	0.359	0.373	0.415	0.385	0.407	9.33
24)		Nitrobenzene	0.416	0.473	0.400	0.410	0.432	0.371	0.394	0.414	7.80
25)		Isophorone	0.783	0.828	0.697	0.700	0.685	0.693	0.708	0.728	7.56
26)	C	2-Nitrophenol	0.167	0.200	0.189	0.168	0.158	0.166	0.190	0.177	8.92
27)		2,4-Dimethylph...	0.378	0.387	0.321	0.329	0.337	0.306	0.301	0.337	10.01
28)		bis(2-Chloroet...	0.479	0.514	0.439	0.386	0.387	0.438	0.431	0.439	10.53
29)	C	2,4-Dichloroph...	0.290	0.313	0.301	0.259	0.268	0.278	0.272	0.283	6.81
30)		1,2,4-Trichlor...	0.325	0.322	0.318	0.302	0.309	0.296	0.281	0.308	5.07
31)		Naphthalene	1.121	1.058	1.028	0.983	0.963	0.912	0.822	0.984	10.01
32)		Benzoic acid	0.153	0.193	0.204	0.220	0.215	0.214	0.228	0.204	12.35
33)		4-Chloroaniline	0.447	0.463	0.482	0.407	0.385	0.354	0.362	0.414	12.14
34)	C	Hexachlorobuta...	0.213	0.205	0.201	0.175	0.175	0.173	0.179	0.189	8.92
35)		Caprolactam	0.080	0.084	0.079	0.081	0.075	0.074	0.078	0.079	4.34
36)	C	4-Chloro-3-met...	0.324	0.325	0.301	0.308	0.280	0.293	0.295	0.304	5.46
37)		2-Methylnaphth...	0.697	0.718	0.713	0.585	0.539	0.525	0.539	0.617	14.41

Method Path : Z:\HPCHEM1\BNA_F\METHODS\
Method File : 8270-BF080315.M

38)	I	Acenaphthene-d10	----------ISTD----------								
39)		1,2,4,5-Tetrac...	0.648	0.637	0.569	0.624	0.709	0.659	0.614	0.637	6.77
40)	P	Hexachlorocycl...	0.321	0.357	0.369	0.399	0.447	0.411	0.407	0.387	10.74
41)	S	2,4,6-Tribromo...	0.185	0.206	0.199	0.207	0.191	0.175	0.184	0.192	6.24
42)	C	2,4,6-Trichlor...	0.433	0.493	0.461	0.430	0.443	0.438	0.460	0.451	4.86
43)		2,4,5-Trichlor...	0.441	0.484	0.410	0.419	0.471	0.450	0.421	0.442	6.31
44)	S	2-Fluorobiphenyl	1.475	1.542	1.390	1.174	1.217	1.203	1.305	1.329	10.78
45)		1,1'-Biphenyl	1.652	1.608	1.375	1.544	1.675	1.477	1.264	1.514	10.02
46)		2-Chloronaphth...	1.408	1.296	1.155	1.271	1.333	1.199	1.105	1.253	8.45
47)		2-Nitroaniline	0.454	0.453	0.476	0.479	0.475	0.425	0.482	0.464	4.50
48)		Acenaphthylene	2.028	2.120	2.111	1.938	1.904	1.756	1.874	1.962	6.76
49)		Dimethylphthalate	1.523	1.404	1.325	1.171	1.330	1.376	1.204	1.333	8.99
50)		2,6-Dinitrotol...	0.264	0.320	0.276	0.261	0.310	0.325	0.269	0.289	9.67
51)	C	Acenaphthene	1.183	1.277	1.249	1.163	1.176	1.083	1.154	1.183	5.39
52)		3-Nitroaniline	0.334	0.373	0.332	0.351	0.303	0.324	0.353	0.339	6.65
53)	P	2,4-Dinitrophenol		0.133	0.138	0.166	0.182	0.153	0.174	0.157	12.58
54)		Dibenzofuran	1.673	1.728	1.657	1.533	1.512	1.375	1.445	1.560	8.31
55)	P	4-Nitrophenol	0.211	0.251	0.255	0.223	0.254	0.250	0.219	0.238	8.10
56)		2,4-Dinitrotol...	0.330	0.395	0.381	0.324	0.383	0.402	0.334	0.364	9.19
57)		Fluorene	1.350	1.358	1.274	1.198	1.249	1.035	1.021	1.212	11.35
58)		2,3,4,6-Tetrac...	0.325	0.366	0.324	0.311	0.311	0.286	0.297	0.317	8.10
59)		Diethylphthalate	1.326	1.424	1.268	1.149	1.276	1.277	1.247	1.281	6.48
60)		4-Chlorophenyl...	0.669	0.665	0.581	0.523	0.568	0.588	0.599	0.599	8.75
61)		4-Nitroaniline	0.288	0.328	0.338	0.268	0.339	0.289	0.304	0.308	9.02
62)		Azobenzene	1.548	1.602	1.420	1.394	1.448	1.445	1.524	1.483	5.12
63)	I	Phenanthrene-d10	----------ISTD----------								
64)		4,6-Dinitro-2-...		0.129	0.120	0.134	0.130	0.118	0.147	0.130	8.22
65)	c	n-Nitrosodiphe...	0.805	0.763	0.705	0.691	0.685	0.604	0.630	0.697	10.01
66)		4-Bromophenyl-...	0.231	0.256	0.239	0.200	0.201	0.196	0.212	0.219	10.51
67)		Hexachlorobenzene	0.249	0.261	0.250	0.237	0.254	0.248	0.234	0.248	3.73
68)		Atrazine	0.214	0.190	0.188	0.179	0.145	0.114	0.088	0.160	28.59
69)	C	Pentachlorophenol	0.109	0.150	0.151	0.129	0.133	0.130	0.131	0.133	10.83
70)		Phenanthrene	1.183	1.141	1.029	1.008	1.035	0.993	0.897	1.041	9.17
71)		Anthracene	1.160	1.246	1.100	0.937	0.916	0.922	0.946	1.032	13.03
72)		Carbazole	0.994	0.967	0.810	0.868	0.917	0.844	0.782	0.883	8.97
73)		Di-n-butylphth...	1.148	1.286	1.106	0.958	0.997	0.985	1.002	1.069	11.05
74)	C	Fluoranthene	1.091	1.195	1.039	0.876	0.893	0.821	1.004	0.988	13.45
75)	I	Chrysene-d12	----------ISTD----------								
76)		Benzidine	0.708	0.823	0.763	0.681	0.550	0.351	0.252	0.590	36.56
77)		Pyrene	1.720	1.731	1.530	1.437	1.352	1.332	1.287	1.484	12.32
78)	S	Terphenyl-d14	1.158	1.181	1.049	0.934	0.893	0.866	0.911	0.999	13.06
79)		Butylbenzylpht...	0.541	0.589	0.589	0.596	0.595	0.595	0.574	0.583	3.42
80)		Benzo(a)anthra...	1.239	1.259	1.176	1.113	1.091	1.022	1.033	1.133	8.34
81)		3,3'-Dichlorob...	0.373	0.431	0.441	0.431	0.423	0.383	0.342	0.403	9.31
82)		Chrysene	1.178	1.272	1.204	1.128	1.057	0.977	0.942	1.108	10.96

Method Path : Z:\HPCHEM1\BNA_F\METHODS\
Method File : 8270-BF080315.M

83)		Bis(2-ethylhex...	0.670	0.780	0.762	0.725	0.718	0.705	0.672	0.719	5.80
84)	c	Di-n-octyl pht...	1.047	1.197	1.156	1.146	1.143	1.109	1.156	1.136	4.14
85)		Indeno(1,2,3-c...	0.859	0.953	0.951	1.011	1.080	1.109	1.134	1.014	9.82
86)	I	Perylene-d12	----------ISTD----------								
87)		Benzo(b)fluora...	1.385	1.327	1.194	1.081	1.046	1.016	1.153	1.172	12.01
88)		Benzo(k)fluora...	0.958	1.058	1.076	1.071	1.094	1.122	0.780	1.023	11.62
89)	C	Benzo(a)pyrene	0.962	1.072	1.028	0.987	0.990	0.978	0.982	1.000	3.78
90)		Dibenzo(a,h)an...	0.788	0.935	0.911	0.985	1.048	1.090	1.035	0.970	10.53
91)		Benzo(g,h,i)pe...	0.867	0.934	0.964	1.007	1.092	1.171	1.065	1.014	10.18

(#) = Out of Range