Method Path : Z:\HPCHEM1\BNA_F\METHODS\
Method File : 8270-BF071715.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Sat Jul 18 00:40:00 2015
Response Via : Initial Calibration

Calibration Files
2.5 =BF080541.D 10 =BF080540.D 25 =BF080539.D 40 =BF080542.D 50 =BF080537.D 60 =BF080536.D 80 =BF080535.D

		Compound	2.5	10	25	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------ISTD----------								
2)		1,4-Dioxane		0.433	0.481	0.541	0.533	0.576	0.656	0.537	14.37
3)		Pyridine		0.896	1.013	1.054	0.978	1.190	1.453	1.097	18.18
4)		n-Nitrosodimet...		0.685	0.734	0.759	0.691	0.668		0.707	5.32
5)	S	2-Fluorophenol		1.176	1.271	1.305	1.160	1.293	1.492	1.283	9.28
6)		Aniline	1.573	1.869	2.035	1.922	1.786	2.022	2.261	1.924	11.24
7)	S	Phenol-d6	1.244	1.322	1.573	1.495	1.340	1.477	1.767	1.460	12.15
8)		2-Chlorophenol	1.297	1.285	1.360	1.305	1.282	1.321	1.519	1.338	6.28
9)		Benzaldehyde	0.874	0.966	0.880	0.807	0.711	0.754	0.779	0.824	10.59
10)	C	Phenol	1.630	1.675	1.722	1.628	1.482	1.660	2.022	1.688	9.76
11)		bis(2-Chloroet...	1.465	1.219	1.186	1.145	1.185	1.284	1.448	1.276	10.23
12)		1,3-Dichlorobe...	1.568	1.464	1.471	1.518	1.441	1.444	1.675	1.512	5.62
13)	C	1,4-Dichlorobe...	1.568	1.635	1.736	1.647	1.566	1.652	1.809	1.659	5.28
14)		1,2-Dichlorobe...	1.494	1.462	1.554	1.482	1.408	1.531	1.749	1.526	7.16
15)		Benzyl Alcohol		0.849	0.931	0.879	0.903	0.951	1.078	0.932	8.61
16)		2,2'-oxybis(1-...	2.226	2.038	2.311	2.028	2.023	2.170	2.402	2.171	6.93
17)		2-Methylphenol	0.961	1.033	1.045	0.949	0.954	1.025	1.179	1.021	7.89
18)		Hexachloroethane	0.527	0.472	0.536	0.494	0.508	0.529	0.656	0.532	11.15
19)	P	n-Nitroso-di-n...	0.745	0.748	0.821	0.812	0.863	0.974	1.121	0.869	15.59
20)		3+4-Methylphenols	1.350	1.317	1.554	1.446	1.460	1.475	1.715	1.474	9.02
21)	I	Naphthalene-d8	----------ISTD----------								
22)		Acetophenone	0.406	0.382	0.443	0.411	0.420	0.427	0.515	0.429	9.89
23)	S	Nitrobenzene-d5	0.239	0.306	0.340	0.318	0.322	0.312	0.358	0.314	11.94
24)		Nitrobenzene		0.319	0.333	0.315	0.340	0.384	0.435	0.354	13.10
25)		Isophorone		0.513	0.596	0.549	0.611	0.641	0.682	0.599	10.19
26)	C	2-Nitrophenol		0.149	0.170	0.156	0.172	0.185	0.213	0.174	13.18
27)		2,4-Dimethylph...	0.244	0.257	0.316	0.299	0.313	0.324	0.334	0.298	11.60
28)		bis(2-Chloroet...	0.325	0.303	0.323	0.295	0.322	0.336	0.417	0.332	12.13
29)	C	2,4-Dichloroph...		0.214	0.249	0.245	0.256	0.264	0.286	0.252	9.37
30)		1,2,4-Trichlor...	0.311	0.314	0.315	0.307	0.314	0.332	0.363	0.322	6.10
31)		Naphthalene	0.959	0.954	1.021	0.981	0.935	0.994	1.084	0.990	5.09
32)		Benzoic acid		0.090	0.108	0.118	0.141	0.165	0.178	0.133	25.42
33)		4-Chloroaniline	0.322	0.330	0.415	0.397	0.409	0.429	0.460	0.394	12.90
34)	C	Hexachlorobuta...	0.146	0.144	0.144	0.145	0.141	0.154	0.178	0.150	8.55
35)		Caprolactam		0.042	0.060	0.055	0.064	0.068	0.080	0.061	20.70
36)	C	4-Chloro-3-met...	0.193	0.232	0.264	0.261	0.288	0.289	0.292	0.260	13.92
37)		2-Methylnaphth...	0.603	0.557	0.581	0.584	0.582	0.601	0.745	0.608	10.28
38)	I	Acenaphthene-d10	----------ISTD----------								

Method Path : Z:\HPCHEM1\BNA_F\METHODS\
Method File : 8270-BF071715.M

39)		1,2,4,5-Tetrac...	0.662	0.645	0.618	0.611	0.583	0.623	0.684	0.632	5.39
40)	P	Hexachlorocycl...		0.241	0.290	0.290	0.289	0.331	0.344	0.298	12.27
41)	S	2,4,6-Tribromo...	0.135	0.160	0.195	0.184	0.182	0.198	0.198	0.179	13.24
42)	C	2,4,6-Trichlor...	0.309	0.317	0.372	0.391	0.364	0.384	0.414	0.364	10.62
43)		2,4,5-Trichlor...	0.332	0.374	0.406	0.386	0.379	0.425	0.483	0.398	11.91
44)	S	2-Fluorobiphenyl	1.591	1.451	1.430	1.396	1.264	1.365	1.470	1.424	7.07
45)		1,1'-Biphenyl	1.691	1.650	1.641	1.567	1.477	1.674	1.907	1.658	7.96
46)		2-Chloronaphth...	1.224	1.228	1.295	1.232	1.079	1.170	1.326	1.222	6.62
47)		2-Nitroaniline	0.188	0.233	0.298	0.295	0.295	0.349	0.390	0.293	23.01
48)		Acenaphthylene	1.793	1.960	2.098	1.857	1.944	2.234	2.276	2.023	9.13
49)		Dimethylphthalate	1.182	1.239	1.321	1.241	1.306	1.547	1.480	1.331	10.09
50)		2,6-Dinitrotol...	0.147	0.233	0.274	0.240	0.263	0.306	0.352	0.259	24.73
51)	C	Acenaphthene	1.181	1.141	1.207	1.161	1.190	1.311	1.465	1.236	9.28
52)		3-Nitroaniline	0.182	0.252	0.308	0.291	0.308	0.336	0.380	0.294	21.44
53)	P	2,4-Dinitrophenol		0.054	0.098	0.104	0.136	0.137	0.150	0.113	31.20
54)		Dibenzofuran	1.855	1.736	1.673	1.602	1.573	1.714	1.896	1.721	7.01
55)	P	4-Nitrophenol		0.165	0.198	0.206	0.238	0.244	0.259	0.218	16.05
56)		2,4-Dinitrotol...	0.198	0.310	0.381	0.357	0.398	0.407	0.421	0.353	21.97
57)		Fluorene	1.367	1.240	1.375	1.256	1.354	1.470	1.487	1.364	6.93
58)		2,3,4,6-Tetrac...	0.195	0.272	0.281	0.265	0.262	0.288	0.333	0.271	15.26
59)		Diethylphthalate	1.024	1.140	1.295	1.195	1.247	1.415	1.479	1.256	12.48
60)		4-Chlorophenyl...	0.630	0.573	0.596	0.555	0.580	0.645	0.698	0.611	8.15
61)		4-Nitroaniline	0.106	0.229	0.334	0.308	0.329	0.337	0.379	0.289	32.13
62)		Azobenzene	0.991	1.188	1.299	1.183	1.263	1.440	1.487	1.264	13.27
63)	I	Phenanthrene-d10	----------ISTD----------								
64)		4,6-Dinitro-2-...		0.059	0.089	0.084	0.095	0.116	0.139	0.097	28.41
65)	c	n-Nitrosodiphe...	0.571	0.696	0.723	0.663	0.619	0.674	0.665	0.659	7.62
66)		4-Bromophenyl-...	0.158	0.174	0.193	0.170	0.170	0.189	0.231	0.183	13.22
67)		Hexachlorobenzene	0.204	0.223	0.246	0.217	0.205	0.209	0.253	0.222	8.90
68)		Atrazine		0.138	0.165	0.144	0.149	0.157	0.182	0.156	10.11
69)	C	Pentachlorophenol		0.061	0.087	0.084	0.090	0.095	0.125	0.090	23.03
70)		Phenanthrene	1.084	1.051	1.103	1.063	0.994	1.050	1.283	1.090	8.44
71)		Anthracene	0.927	1.052	1.173	0.972	0.982	1.034	1.270	1.058	11.51
72)		Carbazole	0.818	0.928	1.056	0.881	0.880	0.919	1.155	0.948	12.31
73)		Di-n-butylphth...	0.626	0.842	0.938	0.932	1.038	1.115	1.368	0.980	23.60
74)	C	Fluoranthene	0.861	0.950	1.060	0.996	0.932	1.099	1.232	1.019	12.11
75)	I	Chrysene-d12	----------ISTD----------								
76)		Benzidine		0.438	0.571	0.516	0.518	0.589	0.581	0.535	10.69
77)		Pyrene	1.195	1.343	1.423	1.235	1.148	1.299	1.391	1.291	7.94
78)	S	Terphenyl-d14	0.816	0.901	1.007	0.901	0.777	0.890	0.977	0.896	9.07
79)		Butylbenzylpht...	0.230	0.303	0.403	0.418	0.449	0.460	0.549	0.402	26.25
80)		Benzo(a)anthra...	0.984	1.093	1.154	1.098	1.052	1.114	1.296	1.113	8.70
81)		3,3'-Dichlorob...		0.279	0.357	0.350	0.332	0.359	0.432	0.352	14.09
82)		Chrysene	1.143	1.093	1.166	1.078	0.977	1.129	1.223	1.115	6.95
83)		Bis(2-ethylhex...	0.331	0.408	0.639	0.651	0.632	0.719	0.924	0.615	32.01
84)	c	Di-n-octyl pht...	0.441	0.533	0.898	0.890	0.969	1.081	1.297	0.873	34.21#
85)		Indeno(1,2,3-c...		0.981	1.162	1.048	1.107	1.128	1.468	1.149	14.71

Method Path : Z:\HPCHEM1\BNA_F\METHODS\
Method File : 8270-BF071715.M

86)	I	Perylene-d12	----------ISTD----------							
87)		Benzo(b)fluora...	1.080	1.146	1.305	1.183	1.225	1.233	1.506	1.240	11.08
88)		Benzo(k)fluora...	0.935	1.034	1.021	1.211	1.014	1.178	1.120	1.073	9.24
89)	C	Benzo(a)pyrene	0.868	0.974	1.119	1.061	1.016	1.105	1.252	1.056	11.49
90)		Dibenzo(a,h)an...	0.870	0.891	1.043	1.026	1.052	1.089	1.309	1.040	13.94
91)		Benzo(g,h,i)pe...	0.914	0.956	1.013	1.036	1.004	1.094	1.334	1.050	13.11

(#) = Out of Range