

Method Path : Z:\HPCHEM1\BNA_F\METHODS\
 Method File : 8270-BF081715.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Mon Aug 31 08:51:56 2015
 Response Via : Initial Calibration

Calibration Files

2.5 =BF081000.D 10 =BF081001.D 25 =BF081007.D 40 =BF081003.D 50 =BF081004.D 60 =BF081005.D 80 =BF081006.D

	Compound	2.5	10	25	40	50	60	80	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----								
2)	1,4-Dioxane	0.621	0.617	0.642	0.627	0.629	0.623	0.627	1.40	
3)	Pyridine	1.341	1.633	1.889	1.990	1.800	1.898	1.829	1.769	12.36
4)	n-Nitrosodimet...	0.845	1.023	1.043	1.005	1.022	0.980	0.975	0.985	6.71
5) S	2-Fluorophenol	1.326	1.373	1.350	1.283	1.337	1.347	1.292	1.330	2.42
6)	Aniline	2.690	2.576	2.642	2.463	2.530	2.459	2.299	2.523	5.19
7) S	Phenol-d6	1.778	1.876	1.691	1.836	1.637	1.649	1.677	1.735	5.48
8)	2-Chlorophenol	1.510	1.482	1.484	1.577	1.460	1.388	1.289	1.455	6.36
9)	Benzaldehyde	1.214	1.287	1.252	1.198	1.063	0.978	0.836	1.118	14.80
10) C	Phenol	2.241	2.261	1.846	2.276	1.770	1.802	2.146	2.049	11.32
11)	bis(2-Chloroet...	1.593	1.641	1.559	1.602	1.644	1.630	1.338	1.572	6.85
12)	1,3-Dichlorobe...	1.544	1.574	1.554	1.576	1.586	1.577	1.536	1.564	1.21
13) C	1,4-Dichlorobe...	1.478	1.561	1.572	1.537	1.555	1.554	1.583	1.549	2.21
14)	1,2-Dichlorobe...	1.587	1.453	1.571	1.568	1.403	1.344	1.220	1.449	9.49
15)	Benzyl Alcohol	1.477	1.432	1.511	1.307	1.406	1.436	1.257	1.404	6.48
16)	2,2'-oxybis(1-...	3.346	3.045	3.288	3.203	3.041	2.937	2.767	3.089	6.61
17)	2-Methylphenol	1.276	1.313	1.236	1.297	1.249	1.175	1.195	1.249	4.10
18)	Hexachloroethane	0.645	0.638	0.643	0.649	0.622	0.601	0.582	0.626	4.08
19) P	n-Nitroso-di-n...	1.210	1.227	1.236	1.284	1.097	1.164	1.195	1.202	4.93
20)	3+4-Methylphenols	1.728	1.670	1.610	1.574	1.631	1.531	1.352	1.585	7.62
21) I	Naphthalene-d8	-----ISTD-----								
22)	Acetophenone	0.568	0.591	0.518	0.560	0.492	0.460	0.487	0.525	9.28
23) S	Nitrobenzene-d5	0.451	0.461	0.477	0.434	0.408	0.417	0.416	0.438	5.92
24)	Nitrobenzene	0.492	0.530	0.428	0.483	0.475	0.424	0.371	0.458	11.62
25)	Isophorone	0.823	0.853	0.868	0.825	0.779	0.783	0.785	0.816	4.36
26) C	2-Nitrophenol	0.179	0.202	0.194	0.183	0.184	0.191	0.200	0.190	4.69
27)	2,4-Dimethylph...	0.331	0.364	0.324	0.372	0.344	0.322	0.300	0.337	7.42
28)	bis(2-Chloroet...	0.532	0.513	0.540	0.483	0.414	0.419	0.475	0.482	10.50
29) C	2,4-Dichloroph...	0.269	0.312	0.280	0.300	0.288	0.282	0.253	0.284	6.91
30)	1,2,4-Trichlor...	0.327	0.324	0.331	0.334	0.312	0.302	0.277	0.315	6.47
31)	Naphthalene	1.146	1.214	1.075	1.135	1.115	1.101	1.017	1.115	5.50
32)	Benzoic acid	0.165	0.210	0.163	0.181	0.215	0.202	0.189		12.03
33)	4-Chloroaniline	0.502	0.529	0.459	0.440	0.455	0.461	0.447	0.470	6.91
34) C	Hexachlorobuta...	0.186	0.186	0.176	0.181	0.175	0.169	0.175	0.178	3.52
35)	Caprolactam	0.096	0.106	0.102	0.104	0.105	0.092	0.087	0.099	7.18
36) C	4-Chloro-3-met...	0.327	0.349	0.364	0.345	0.320	0.346	0.315	0.338	5.28
37)	2-Methylnaphth...	0.801	0.783	0.795	0.732	0.633	0.602	0.583	0.704	13.55

Method Path : Z:\HPCHEM1\BNA_F\METHODS\
 Method File : 8270-BF081715.M

38)	I	Acenaphthene-d10	-----ISTD-----								
39)		1,2,4,5-Tetrac...	0.668	0.660	0.643	0.649	0.654	0.639	0.604	0.645	3.22
40)	P	Hexachlorocycl...		0.265	0.340	0.359	0.347	0.353	0.340	0.334	10.28
41)	S	2,4,6-Tribromo...	0.177	0.184	0.187	0.167	0.154	0.173	0.172	0.173	6.34
42)	C	2,4,6-Trichlor...	0.439	0.476	0.462	0.458	0.447	0.459	0.451	0.456	2.61
43)		2,4,5-Trichlor...	0.470	0.446	0.478	0.513	0.446	0.441	0.395	0.456	8.04
44)	S	2-Fluorobiphenyl	1.898	1.664	1.648	1.384	1.303	1.365	1.421	1.526	14.13
45)		1,1'-Biphenyl	1.875	1.845	1.734	1.962	1.807	1.691	1.418	1.762	9.98
46)		2-Chloronaphth...	1.557	1.566	1.396	1.387	1.362	1.370	1.267	1.415	7.68
47)		2-Nitroaniline	0.518	0.574	0.697	0.594	0.515	0.536	0.621	0.579	11.31
48)		Acenaphthylene	2.964	2.836	2.506	2.389	2.436	2.438	2.153	2.532	10.96
49)		Dimethylphthalate	1.969	1.819	1.573	1.783	1.385	1.428	1.573	1.647	13.10
50)		2,6-Dinitrotol...	0.391	0.376	0.346	0.387	0.340	0.311	0.325	0.354	8.89
51)	C	Acenaphthene	1.707	1.626	1.514	1.492	1.481	1.537	1.252	1.516	9.34
52)		3-Nitroaniline	0.427	0.454	0.521	0.434	0.405	0.473	0.383	0.443	10.28
53)	P	2,4-Dinitrophenol		0.093	0.182	0.176	0.163	0.190	0.198	0.167	23.00
54)		Dibenzofuran	2.403	2.291	2.012	1.919	1.870	1.956	1.766	2.031	11.38
55)	P	4-Nitrophenol	0.266	0.281	0.360	0.298	0.352	0.300	0.319	0.311	11.22
56)		2,4-Dinitrotol...	0.479	0.525	0.478	0.486	0.481	0.416	0.416	0.469	8.37
57)		Fluorene	1.814	1.799	1.690	1.485	1.280	1.399	1.469	1.562	13.25
58)		2,3,4,6-Tetrac...	0.347	0.357	0.389	0.389	0.350	0.327	0.310	0.353	8.38
59)		Diethylphthalate	2.028	1.960	1.749	1.806	1.657	1.577	1.426	1.743	12.13
60)		4-Chlorophenyl...		0.787	0.768	0.676	0.590	0.590	0.555	0.661	14.98
61)		4-Nitroaniline	0.466	0.491	0.541	0.446	0.421	0.415	0.387	0.452	11.49
62)		Azobenzene	2.133	2.091	2.182	2.172	1.936	1.850	1.698	2.009	9.23
63)	I	Phenanthrene-d10	-----ISTD-----								
64)		4,6-Dinitro-2-...		0.101	0.116	0.132	0.117	0.131	0.118	0.119	9.48
65)	c	n-Nitrosodipe...	0.789	0.764	0.684	0.742	0.736	0.675	0.608	0.714	8.69
66)		4-Bromophenyl-...	0.205	0.195	0.186	0.192	0.204	0.202	0.191	0.196	3.78
67)		Hexachlorobenzene	0.223	0.186	0.198	0.214	0.213	0.189	0.170	0.199	9.41
68)		Atrazine	0.202	0.192	0.234	0.198	0.177	0.196	0.192	0.199	8.82
69)	C	Pentachlorophenol		0.098	0.115	0.122	0.134	0.128	0.120	0.119	10.58
70)		Phenanthrene	1.298	1.249	1.135	1.161	1.225	1.173	1.057	1.185	6.73
71)		Anthracene	1.274	1.174	1.291	1.190	1.049	1.030	1.066	1.153	9.32
72)		Carbazole	1.150	1.124	1.198	1.251	1.125	0.999	0.927	1.110	10.10
73)		Di-n-butylphth...	1.488	1.426	1.474	1.400	1.262	1.195	1.161	1.344	10.07
74)	C	Fluoranthene	1.338	1.332	1.271	1.328	1.329	1.257	1.098	1.279	6.73
75)	I	Chrysene-d12	-----ISTD-----								
76)		Benzidine	0.684	0.829	0.924	0.932	0.706	0.641	0.571	0.756	18.70
77)		Pyrene	1.744	1.789	1.611	1.536	1.533	1.566	1.603	1.626	6.23
78)	S	Terphenyl-d14	0.976	1.020	1.039	0.978	0.807	0.803	0.908	0.933	10.35
79)		Butylbenzylphth...	0.704	0.732	0.743	0.774	0.663	0.634	0.642	0.699	7.73
80)		Benzo(a)anthra...	1.376	1.447	1.381	1.423	1.325	1.237	1.198	1.341	6.95
81)		3,3'-Dichlorob...	0.442	0.478	0.441	0.436	0.430	0.422	0.392	0.434	5.96
82)		Chrysene	1.262	1.317	1.380	1.306	0.986	1.033	1.177	1.209	12.42

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

Method File : 8270-BF081715.M

83)	Bis(2-ethylhex...	0.856	0.976	0.919	0.939	0.858	0.848	0.870	0.895	5.53
84) c	Di-n-octyl pht...	1.280	1.422	1.361	1.470	1.350	1.319	1.322	1.361	4.80
85)	Indeno(1,2,3-c...	0.832	0.874	0.889	0.892	0.824	0.786	0.844	0.849	4.57
86) I	Perylene-d12	-----ISTD-----								
87)	Benzo(b)fluora...	1.374	1.649	1.553	1.332	1.300	1.281	1.415		10.64
88)	Benzo(k)fluora...	1.491	1.200	1.214	1.256	1.337	1.410	1.318		8.79
89) C	Benzo(a)pyrene	1.247	1.259	1.266	1.247	1.183	1.186	1.242	1.233	2.76
90)	Dibenzo(a,h)an...	0.894	0.937	0.944	0.990	0.989	0.959	1.011	0.960	4.13
91)	Benzo(g,h,i)pe...	0.905	0.905	0.963	0.990	1.019	0.974	1.065	0.974	5.96

(#) = Out of Range