Method Path : Z:\HPCHEM1\BNA_F\METHODS\
Method File : 8270-BF080416.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Fri Aug 05 01:39:23 2016
Response Via : Initial Calibration

Calibration Files
2.5 =BF089597.D 10 =BF089591.D 25 =BF089592.D 40 =BF089593.D 50 =BF089594.D 60 =BF089595.D 80 =BF089596.D

		Compound	2.5	10	25	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------ISTD----------								
2)		1,4-Dioxane		0.846	0.741	0.582	0.640	0.670	0.626	0.684	13.92
3)		Pyridine		0.937	1.225	1.215	1.407	1.397	1.360	1.257	14.12
4)		n-Nitrosodimet...		0.250	0.460	0.528	0.563	0.581	0.569	0.492	25.65
5)	S	2-Fluorophenol		0.915	1.203	1.168	1.282	1.331	1.260	1.193	12.39
6)		Aniline	1.556	1.962	2.183	2.121	2.309	2.335	2.217	2.098	12.84
7)	S	Phenol-d6	1.481	1.516	1.674	1.594	1.706	1.721	1.639	1.619	5.73
8)		2-Chlorophenol	1.231	1.434	1.543	1.440	1.554	1.556	1.498	1.465	7.87
9)		Benzaldehyde		0.489	0.652	0.627	0.624	0.596	0.536	0.587	10.62
10)	C	Phenol	1.395	1.809	1.792	1.698	1.854	1.595	1.491	1.662	10.48
11)		bis(2-Chloroet...	1.398	1.372	1.519	1.368	1.458	1.467	1.413	1.428	3.89
12)		1,3-Dichlorobe...	1.595	1.537	1.650	1.516	1.620	1.655	1.565	1.591	3.40
13)	C	1,4-Dichlorobe...	1.685	1.518	1.557	1.478	1.636	1.654	1.581	1.587	4.75
14)		1,2-Dichlorobe...	1.795	1.778	1.706	1.531	1.634	1.655	1.610	1.673	5.62
15)		Benzyl Alcohol		0.791	1.038	1.085	1.149	1.144	1.161	1.061	13.25
16)		2,2'-oxybis(1-...	1.965	1.823	1.892	1.710	1.807	1.815	1.715	1.818	5.00
17)		2-Methylphenol	1.021	0.981	1.060	1.035	1.097	1.130	1.082	1.058	4.76
18)		Hexachloroethane	0.740	0.693	0.673	0.623	0.665	0.667	0.621	0.669	6.13
19)	P	n-Nitroso-di-n...	1.035	1.164	1.219	1.148	1.189	1.229	1.203	1.169	5.63
20)		3+4-Methylphenols	1.131	1.138	1.354	1.350	1.470	1.499	1.408	1.336	11.09
21)	I	Naphthalene-d8	----------ISTD----------								
22)		Acetophenone	0.423	0.382	0.434	0.511	0.532	0.533	0.522	0.477	13.03
23)	S	Nitrobenzene-d5	0.307	0.356	0.382	0.365	0.379	0.376	0.367	0.362	7.14
24)		Nitrobenzene	0.262	0.315	0.364	0.354	0.373	0.375	0.361	0.343	11.95
25)		Isophorone	0.722	0.704	0.707	0.659	0.684	0.685	0.686	0.692	2.96
26)	C	2-Nitrophenol		0.128	0.155	0.157	0.164	0.169	0.172	0.158	9.97
27)		2,4-Dimethylph...	0.217	0.280	0.291	0.287	0.303	0.308	0.298	0.283	10.88
28)		bis(2-Chloroet...	0.348	0.416	0.437	0.422	0.438	0.436	0.435	0.419	7.77
29)	C	2,4-Dichloroph...		0.244	0.270	0.264	0.275	0.282	0.274	0.268	4.96
30)		1,2,4-Trichlor...	0.298	0.303	0.315	0.303	0.312	0.311	0.302	0.306	2.06
31)		Naphthalene	1.127	1.066	1.090	1.008	1.061	1.049	1.040	1.063	3.58
32)		Benzoic acid		0.159	0.156	0.179	0.186	0.188	0.201	0.178	9.89
33)		4-Chloroaniline	0.291	0.399	0.432	0.418	0.424	0.420	0.410	0.399	12.19
34)	C	Hexachlorobuta...	0.197	0.177	0.174	0.168	0.173	0.176	0.168	0.176	5.66
35)		Caprolactam		0.062	0.079	0.080	0.085	0.080	0.083	0.078	10.76
36)	C	4-Chloro-3-met...	0.234	0.321	0.333	0.322	0.336	0.320	0.316	0.312	11.20
37)		2-Methylnaphth...	0.686	0.643	0.660	0.628	0.659	0.663	0.639	0.654	2.92

Method Path : Z:\HPCHEM1\BNA_F\METHODS\
Method File : 8270-BF080416.M

38)	I	Acenaphthene-d10	----------ISTD----------							
39)		1,2,4,5-Tetrac...	0.716	0.737	0.774	0.752	0.767	0.765	0.751	0.752	2.67
40)	P	Hexachlorocycl...		0.087	0.161	0.242	0.227	0.241	0.268	0.204	33.17
41)	S	2,4,6-Tribromo...	0.123	0.163	0.178	0.174	0.175	0.173	0.169	0.165	11.49
42)	C	2,4,6-Trichlor...	0.304	0.360	0.385	0.382	0.391	0.392	0.382	0.371	8.48
43)		2,4,5-Trichlor...	0.273	0.418	0.421	0.399	0.408	0.428	0.427	0.396	14.01
44)	S	2-Fluorobiphenyl	1.656	1.586	1.598	1.459	1.487	1.540	1.446	1.539	5.11
45)		1,1'-Biphenyl	1.736	1.869	1.883	1.775	1.797	1.798	1.767	1.804	2.98
46)		2-Chloronaphth...	1.353	1.374	1.416	1.321	1.350	1.337	1.316	1.352	2.55
47)		2-Nitroaniline		0.401	0.437	0.435	0.449	0.453	0.440	0.436	4.19
48)		Acenaphthylene	2.315	2.283	2.298	2.146	2.178	2.224	2.149	2.228	3.22
49)		Dimethylphthalate	1.593	1.556	1.637	1.533	1.538	1.561	1.555	1.568	2.30
50)		2,6-Dinitrotol...	0.234	0.304	0.337	0.333	0.334	0.325	0.315	0.312	11.54
51)	C	Acenaphthene	1.342	1.315	1.325	1.255	1.270	1.260	1.240	1.287	3.09
52)		3-Nitroaniline		0.341	0.392	0.381	0.387	0.373	0.363	0.373	5.03
53)	P	2,4-Dinitrophenol		0.064	0.081	0.105	0.114	0.127	0.137	0.105	26.53
54)		Dibenzofuran	1.768	1.792	1.817	1.740	1.760	1.744	1.761	1.769	1.54
55)	P	4-Nitrophenol		0.131	0.179	0.219	0.216	0.215	0.190	0.192	17.75
56)		2,4-Dinitrotol...		0.410	0.436	0.444	0.445	0.454	0.442	0.438	3.48
57)		Fluorene	1.521	1.562	1.618	1.465	1.487	1.486	1.444	1.512	3.99
58)		2,3,4,6-Tetrac...		0.286	0.310	0.301	0.312	0.300	0.297	0.301	3.15
59)		Diethylphthalate	1.682	1.686	1.663	1.597	1.609	1.561	1.550	1.621	3.48
60)		4-Chlorophenyl...	0.640	0.693	0.734	0.697	0.703	0.689	0.697	0.693	3.99
61)		4-Nitroaniline		0.286	0.315	0.355	0.367	0.345	0.342	0.335	8.78
62)		Azobenzene	1.452	1.488	1.514	1.612	1.654	1.636	1.620	1.568	5.16
63)	I	Phenanthrene-d10	----------ISTD----------							
64)		4,6-Dinitro-2-...		0.071	0.106	0.116	0.123	0.128	0.128	0.112	19.27
65)	c	n-Nitrosodiphe...	0.641	0.677	0.688	0.654	0.685	0.692	0.691	0.675	2.95
66)		4-Bromophenyl-...	0.150	0.189	0.199	0.196	0.202	0.216	0.202	0.193	10.85
67)		Hexachlorobenzene	0.221	0.216	0.218	0.198	0.211	0.218	0.207	0.213	3.69
68)		Atrazine	0.147	0.211	0.214	0.201	0.196	0.183	0.168	0.189	12.98
69)	C	Pentachlorophenol		0.053	0.072	0.097	0.087	0.088	0.090	0.081	20.06
70)		Phenanthrene	1.123	1.072	1.110	1.046	1.098	1.093	1.071	1.088	2.43
71)		Anthracene	1.280	1.168	1.195	1.099	1.139	1.175	1.106	1.166	5.28
72)		Carbazole	0.868	0.978	1.017	0.971	1.001	1.017	0.949	0.972	5.37
73)		Di-n-butylphth...	1.287	1.361	1.351	1.303	1.332	1.312	1.254	1.314	2.83
74)	C	Fluoranthene	1.134	1.134	1.179	1.101	1.121	1.077	1.080	1.118	3.21
75)	I	Chrysene-d12	----------ISTD----------							
76)		Benzidine		0.663	0.658	0.646	0.595	0.546	0.530	0.606	9.67
77)		Pyrene	1.792	1.825	1.775	1.638	1.708	1.897	1.742	1.768	4.72
78)	S	Terphenyl-d14	1.041	1.041	1.037	0.925	0.960	1.065	1.023	1.013	5.02
79)		Butylbenzylpht...	0.634	0.736	0.760	0.762	0.778	0.811	0.787	0.752	7.63
80)		Benzo(a)anthra...	1.127	1.153	1.202	1.100	1.174	1.165	1.123	1.149	3.04
81)		3,3'-Dichlorob...	0.271	0.364	0.389	0.373	0.395	0.383	0.359	0.362	11.59
82)		Chrysene	1.282	1.214	1.204	1.158	1.209	1.218	1.153	1.206	3.56

Method Path : Z:\HPCHEM1\BNA_F\METHODS\
Method File : 8270-BF080416.M

83)		Bis(2-ethylhex...	0.972	1.036	1.063	1.015	1.046	1.061	1.100	1.042	3.90
84)	c	Di-n-octyl pht...	1.251	1.487	1.531	1.540	1.588	1.541	1.556	1.499	7.57
85)		Indeno(1,2,3-c...	0.889	0.869	0.882	0.824	0.865	1.059	1.021	0.915	9.63
86)	I	Perylene-d12	----------ISTD----------								
87)		Benzo(b)fluora...	1.221	1.228	1.338	1.201	1.260	1.210	1.154	1.230	4.66
88)		Benzo(k)fluora...	1.231	1.269	1.240	1.206	1.280	1.230	1.229	1.241	2.05
89)	C	Benzo(a)pyrene	1.211	1.168	1.175	1.103	1.163	1.134	1.108	1.152	3.38
90)		Dibenzo(a,h)an...	1.018	1.026	1.089	1.003	1.039	1.186	1.170	1.076	6.95
91)		Benzo(g,h,i)pe...	1.042	1.063	1.110	1.030	1.060	1.207	1.198	1.101	6.65

(#) = Out of Range