

Method Path : Z:\HPCHEM1\BNA_F\METHODS\
 Method File : 8270-BF071415.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Wed Jul 15 03:58:42 2015
 Response Via : Initial Calibration

Calibration Files

2.5 =BF080466.D 10 =BF080467.D 25 =BF080468.D 40 =BF080469.D 50 =BF080470.D 60 =BF080471.D 80 =BF080472.D

	Compound	2.5	10	25	40	50	60	80	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----								
2)	1,4-Dioxane	0.414	0.501	0.460	0.494	0.542	0.546	0.493	10.20	
3)	Pyridine	0.636	1.108	1.201	1.164	1.211		1.064	22.78	
4)	n-Nitrosodimet...	0.433	0.680	0.697	0.709	0.692	0.861	0.679	20.30	
5) S	2-Fluorophenol	0.993	1.258	1.211	1.200	1.257	1.423	1.224	11.33	
6)	Aniline	1.766	1.925	2.375	2.226	2.103	2.262	2.559	2.174	12.35
7) S	Phenol-d6	1.370	1.398	1.528	1.485	1.426	1.517	1.758	1.497	8.66
8)	2-Chlorophenol	1.134	1.233	1.311	1.275	1.234	1.308	1.491	1.284	8.51
9)	Benzaldehyde	0.859	0.936	1.054	0.942	0.867	0.871	0.873	0.914	7.67
10) C	Phenol	1.501	1.609	1.830	1.725	1.642	1.755	2.023	1.726	9.79
11)	bis(2-Chloroet...	1.321	1.179	1.260	1.332	1.237	1.315	1.541	1.312	8.73
12)	1,3-Dichlorobe...	1.442	1.434	1.531	1.482	1.417	1.470	1.704	1.497	6.58
13) C	1,4-Dichlorobe...	1.475	1.538	1.761	1.576	1.583	1.621	1.836	1.627	7.82
14)	1,2-Dichlorobe...	1.503	1.480	1.626	1.534	1.498	1.585	1.785	1.573	6.79
15)	Benzyl Alcohol	0.790	1.053	1.120	1.095	1.053	1.117	1.272	1.072	13.47
16)	2,2'-oxybis(1-...	2.100	2.016	2.208	2.095	2.015	2.121	2.335	2.127	5.31
17)	2-Methylphenol	0.941	1.075	1.072	1.035	0.976	1.028	1.147	1.039	6.57
18)	Hexachloroethane	0.490	0.484	0.562	0.529	0.517	0.553	0.619	0.536	8.72
19) P	n-Nitroso-di-n...	0.848	0.878	0.988	1.063	0.994	1.100	1.229	1.014	12.94
20)	3+4-Methylphenols	1.260	1.260	1.577	1.536	1.428	1.527	1.718	1.472	11.46
21) I	Naphthalene-d8	-----ISTD-----								
22)	Acetophenone	0.450	0.440	0.479	0.453	0.441	0.474	0.548	0.469	8.11
23) S	Nitrobenzene-d5	0.331	0.344	0.379	0.362	0.351	0.373	0.418	0.365	7.74
24)	Nitrobenzene	0.361	0.388	0.394	0.401	0.368	0.418	0.489	0.403	10.56
25)	Isophorone	0.592	0.637	0.700	0.662	0.643	0.706	0.782	0.675	9.09
26) C	2-Nitrophenol	0.138	0.164	0.181	0.178	0.168	0.180	0.213	0.175	12.80
27)	2,4-Dimethylph...	0.253	0.292	0.337	0.329	0.308	0.335	0.389	0.320	13.27
28)	bis(2-Chloroet...	0.367	0.365	0.402	0.360	0.345	0.379	0.440	0.379	8.38
29) C	2,4-Dichloroph...	0.258	0.266	0.276	0.264	0.262	0.286	0.343	0.279	10.58
30)	1,2,4-Trichlor...	0.347	0.349	0.346	0.338	0.316	0.341	0.395	0.348	6.86
31)	Naphthalene	1.072	1.015	1.056	0.992	0.938	1.011	1.158	1.035	6.72
32)	Benzoic acid		0.119	0.135	0.150	0.148	0.167	0.193	0.152	16.84
33)	4-Chloroaniline	0.345	0.378	0.431	0.420	0.398	0.421	0.488	0.412	10.95
34) C	Hexachlorobuta...	0.158	0.182	0.175	0.178	0.161	0.176	0.203	0.176	8.44
35)	Caprolactam		0.059	0.073	0.071	0.068	0.076	0.085	0.072	12.02
36) C	4-Chloro-3-met...	0.250	0.260	0.277	0.263	0.260	0.282	0.321	0.273	8.60
37)	2-Methylnaphth...	0.751	0.706	0.683	0.705	0.630	0.686	0.773	0.705	6.65

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38)	I	Acenaphthene-d10	-----ISTD-----								
39)		1,2,4,5-Tetrac...	0.669	0.635	0.680	0.605	0.636	0.647	0.772	0.664	8.12
40)	P	Hexachlorocycl...		0.232	0.287	0.277	0.287	0.325	0.385	0.299	17.32
41)	S	2,4,6-Tribromo...	0.145	0.188	0.195	0.197	0.181	0.194	0.224	0.189	12.45
42)	C	2,4,6-Trichlor...	0.339	0.397	0.425	0.423	0.397	0.430	0.478	0.413	10.28
43)		2,4,5-Trichlor...	0.339	0.414	0.433	0.416	0.398	0.422	0.488	0.416	10.65
44)	S	2-Fluorobiphenyl	1.471	1.404	1.512	1.365	1.377	1.472	1.618	1.460	6.05
45)		1,1'-Biphenyl	1.705	1.569	1.854	1.579	1.616	1.795	1.932	1.722	8.29
46)		2-Chloronaphth...	1.333	1.389	1.452	1.398	1.321	1.436	1.569	1.414	5.92
47)		2-Nitroaniline		0.320	0.411	0.395	0.396	0.442	0.483	0.408	13.37
48)		Acenaphthylene	1.939	2.015	2.252	2.054	2.052	2.232	2.424	2.138	7.93
49)		Dimethylphthalate	1.584	1.536	1.704	1.479	1.496	1.584	1.698	1.583	5.68
50)		2,6-Dinitrotol...		0.301	0.334	0.328	0.333	0.355	0.393	0.341	9.13
51)	C	Acenaphthene	1.240	1.203	1.401	1.262	1.229	1.328	1.442	1.301	7.08
52)		3-Nitroaniline		0.303	0.366	0.353	0.354	0.401	0.425	0.367	11.58
53)	P	2,4-Dinitrophenol		0.067	0.105	0.124	0.115	0.133	0.154	0.117	25.34
54)		Dibenzofuran	1.800	1.814	1.929	1.709	1.710	1.833	2.047	1.834	6.56
55)	P	4-Nitrophenol		0.172	0.245	0.252	0.236	0.261	0.281	0.241	15.39
56)		2,4-Dinitrotol...		0.346	0.386	0.369	0.368	0.395	0.452	0.386	9.47
57)		Fluorene	1.419	1.433	1.564	1.434	1.344	1.488	1.645	1.475	6.82
58)		2,3,4,6-Tetrac...	0.280	0.304	0.357	0.322	0.327	0.364	0.403	0.337	12.22
59)		Diethylphthalate	1.471	1.663	1.656	1.472	1.460	1.560	1.683	1.567	6.40
60)		4-Chlorophenyl...	0.659	0.621	0.718	0.646	0.662	0.734	0.801	0.692	9.01
61)		4-Nitroaniline		0.266	0.318	0.334	0.311	0.355	0.412	0.333	14.65
62)		Azobenzene	1.243	1.414	1.596	1.450	1.473	1.589	1.714	1.497	10.18
63)	I	Phenanthrene-d10	-----ISTD-----								
64)		4,6-Dinitro-2-...		0.075	0.100	0.099	0.100	0.114	0.120	0.101	15.48
65)	c	n-Nitrosodipe...	0.666	0.657	0.623	0.627	0.564	0.655	0.755	0.650	8.89
66)		4-Bromophenyl-...	0.193	0.202	0.201	0.183	0.186	0.208	0.223	0.199	6.87
67)		Hexachlorobenzene	0.206	0.236	0.214	0.212	0.188	0.217	0.246	0.217	8.70
68)		Atrazine	0.161	0.182	0.209	0.179	0.183	0.203	0.209	0.189	9.54
69)	C	Pentachlorophenol		0.090	0.097	0.098	0.089	0.107	0.120	0.100	11.94
70)		Phenanthrene	1.200	1.154	1.185	1.095	1.061	1.169	1.273	1.162	5.99
71)		Anthracene	1.097	1.116	1.086	1.058	0.965	1.096	1.233	1.093	7.26
72)		Carbazole	1.057	1.043	0.954	0.929	0.879	0.994	1.074	0.990	7.36
73)		Di-n-butylphth...	0.870	1.128	1.009	0.962	1.050	1.132	1.202	1.051	10.82
74)	C	Fluoranthene	1.212	1.137	1.128	1.076	1.027	1.142	1.301	1.146	7.77
75)	I	Chrysene-d12	-----ISTD-----								
76)		Benzidine	0.554	0.561	0.628	0.625	0.544	0.637	0.599	0.593	6.60
77)		Pyrene	1.230	1.175	1.243	1.157	1.055	1.212	1.170	1.177	5.34
78)	S	Terphenyl-d14	0.855	0.847	0.860	0.833	0.786	0.819	0.807	0.830	3.27
79)		Butylbenzylphth...	0.393	0.396	0.467	0.433	0.396	0.453	0.473	0.430	8.14
80)		Benzo(a)anthra...	1.203	1.139	1.169	1.079	1.119	1.194	1.256	1.166	5.06
81)		3,3'-Dichlorob...	0.351	0.340	0.354	0.363	0.363	0.400	0.409	0.368	7.02
82)		Chrysene	1.083	1.082	1.112	1.105	1.012	1.174	1.232	1.114	6.34

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83)	Bis(2-ethylhex...	0.569	0.608	0.632	0.622	0.595	0.679	0.669	0.625	6.30
84) c	Di-n-octyl pht...	0.995	1.018	1.087	1.116	1.083	1.241	1.314	1.122	10.35
85)	Indeno(1,2,3-c...	1.307	1.359	1.624	1.727	1.899	2.126	2.421	1.780	22.61
86) I	Perylene-d12	-----ISTD-----								
87)	Benzo(b)fluora...	1.369	1.118	1.106	1.032	1.077	1.077	1.220	1.143	10.12
88)	Benzo(k)fluora...	1.047	1.174	1.085	1.128	0.897	1.127	1.269	1.104	10.44
89) C	Benzo(a)pyrene	1.186	1.089	1.099	1.088	1.013	1.136	1.267	1.125	7.24
90)	Dibenzo(a,h)an...	1.106	1.152	1.260	1.274	1.245	1.347	1.550	1.276	11.33
91)	Benzo(g,h,i)pe...	1.137	1.221	1.343	1.331	1.278	1.411	1.630	1.336	11.77

(#) = Out of Range