

Method Path : Z:\HPCHEM1\BNA_F\METHODS\
 Method File : 8270-BF120415.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Sat Dec 05 04:12:46 2015
 Response Via : Initial Calibration

Calibration Files

2.5 =BF083498.D 10 =BF083499.D 25 =BF083500.D 40 =BF083501.D 50 =BF083502.D 60 =BF083503.D 80 =BF083504.D

	Compound	2.5	10	25	40	50	60	80	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----								
2)	1,4-Dioxane	0.776	0.709	0.670	0.706	0.647	0.641	0.691	7.29	
3)	Pyridine	1.409	1.680	1.734	1.618	1.729	1.731	1.650	7.67	
4)	n-Nitrosodimet...	0.626	0.840	0.833	0.895	0.935	0.830	0.860	0.831	11.80
5) S	2-Fluorophenol	1.137	1.338	1.372	1.357	1.404	1.343	1.276	1.318	6.74
6)	Aniline	2.127	2.446	2.520	2.430	2.453	2.305	2.267	2.364	5.79
7) S	Phenol-d6	1.680	1.952	1.918	1.826	1.838	1.785	1.715	1.816	5.47
8)	2-Chlorophenol	1.448	1.511	1.494	1.483	1.493	1.435	1.397	1.466	2.76
9)	Benzaldehyde	1.088	1.133	1.117	1.049	1.040	0.983	0.879	1.041	8.42
10) C	Phenol	2.059	2.243	2.111	2.072	2.178	2.110	2.094	2.124	3.05
11)	bis(2-Chloroet...	1.661	1.648	1.653	1.590	1.510	1.469	1.487	1.574	5.34
12)	1,3-Dichlorobe...	1.583	1.682	1.669	1.635	1.674	1.605	1.534	1.626	3.38
13) C	1,4-Dichlorobe...	1.625	1.754	1.694	1.646	1.695	1.624	1.586	1.660	3.42
14)	1,2-Dichlorobe...	1.590	1.586	1.586	1.522	1.530	1.466	1.408	1.527	4.56
15)	Benzyl Alcohol	1.023	1.300	1.340	1.320	1.317	1.274	1.246	1.260	8.67
16)	2,2'-oxybis(1-...	2.986	3.057	3.029	2.885	2.930	2.792	2.750	2.918	4.00
17)	2-Methylphenol	1.215	1.206	1.263	1.206	1.244	1.183	1.152	1.210	3.05
18)	Hexachloroethane	0.546	0.587	0.601	0.577	0.600	0.574	0.571	0.579	3.30
19) P	n-Nitroso-di-n...	1.173	1.247	1.260	1.218	1.250	1.166	1.168	1.212	3.47
20)	3+4-Methylphenols	1.420	1.585	1.620	1.608	1.657	1.587	1.526	1.572	4.95
21) I	Naphthalene-d8	-----ISTD-----								
22)	Acetophenone	0.558	0.585	0.585	0.581	0.595	0.571	0.558	0.576	2.48
23) S	Nitrobenzene-d5	0.396	0.443	0.435	0.436	0.441	0.432	0.411	0.428	4.09
24)	Nitrobenzene	0.488	0.491	0.471	0.462	0.482	0.470	0.434	0.471	4.08
25)	Isophorone	0.784	0.846	0.824	0.828	0.850	0.815	0.804	0.822	2.85
26) C	2-Nitrophenol	0.159	0.179	0.192	0.194	0.195	0.191	0.193	0.186	7.11
27)	2,4-Dimethylph...	0.292	0.339	0.340	0.336	0.346	0.329	0.319	0.329	5.56
28)	bis(2-Chloroet...	0.429	0.464	0.473	0.470	0.472	0.447	0.451	0.458	3.58
29) C	2,4-Dichloroph...	0.258	0.305	0.305	0.307	0.314	0.296	0.291	0.297	6.29
30)	1,2,4-Trichlor...	0.308	0.340	0.334	0.332	0.336	0.326	0.319	0.328	3.40
31)	Naphthalene	1.080	1.114	1.081	1.066	1.093	1.029	0.989	1.065	3.98
32)	Benzoic acid	0.114	0.179	0.202	0.183	0.181	0.204	0.177	18.59	
33)	4-Chloroaniline	0.381	0.428	0.428	0.426	0.441	0.416	0.394	0.416	5.15
34) C	Hexachlorobuta...	0.195	0.198	0.192	0.194	0.200	0.190	0.187	0.194	2.20
35)	Caprolactam	0.088	0.095	0.095	0.100	0.095	0.095	0.095	0.094	4.13
36) C	4-Chloro-3-met...	0.298	0.336	0.340	0.343	0.351	0.339	0.331	0.334	5.13
37)	2-Methylnaphth...	0.669	0.685	0.672	0.655	0.676	0.636	0.615	0.658	3.78

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38) I	Acenaphthene-d10	-----ISTD-----								
39)	1,2,4,5-Tetrac...	0.642	0.680	0.673	0.659	0.665	0.642	0.642	0.658	2.44
40) P	Hexachlorocycl...		0.075	0.160	0.202	0.231	0.237	0.268	0.196	35.41
41) S	2,4,6-Tribromo...	0.160	0.182	0.194	0.187	0.199	0.182	0.188	0.184	6.74
42) C	2,4,6-Trichlor...	0.354	0.406	0.423	0.422	0.440	0.419	0.427	0.413	6.77
43)	2,4,5-Trichlor...	0.379	0.434	0.432	0.429	0.441	0.430	0.433	0.425	4.90
44) S	2-Fluorobiphenyl	1.567	1.590	1.513	1.447	1.469	1.354	1.382	1.475	6.02
45)	1,1'-Biphenyl	1.812	1.873	1.828	1.778	1.827	1.697	1.626	1.777	4.86
46)	2-Chloronaphth...	1.343	1.374	1.377	1.336	1.361	1.281	1.302	1.339	2.72
47)	2-Nitroaniline	0.403	0.464	0.501	0.487	0.509	0.490	0.485	0.477	7.43
48)	Acenaphthylene	2.159	2.279	2.241	2.183	2.245	2.104	2.139	2.193	2.91
49)	Dimethylphthalate	1.546	1.599	1.624	1.547	1.614	1.529	1.560	1.574	2.38
50)	2,6-Dinitrotol...	0.265	0.332	0.342	0.337	0.360	0.338	0.346	0.331	9.31
51) C	Acenaphthene	1.291	1.311	1.275	1.234	1.279	1.215	1.229	1.262	2.85
52)	3-Nitroaniline	0.279	0.349	0.380	0.358	0.386	0.364	0.384	0.357	10.38
53) P	2,4-Dinitrophenol		0.077	0.142	0.138	0.156	0.159	0.177	0.142	24.55
54)	Dibenzofuran	1.746	1.834	1.785	1.718	1.810	1.687	1.659	1.748	3.70
55) P	4-Nitrophenol		0.173	0.206	0.199	0.207	0.195	0.227	0.201	8.83
56)	2,4-Dinitrotol...	0.326	0.425	0.448	0.437	0.481	0.448	0.467	0.433	11.70
57)	Fluorene	1.544	1.569	1.565	1.506	1.556	1.443	1.464	1.521	3.34
58)	2,3,4,6-Tetrac...	0.279	0.316	0.335	0.317	0.341	0.319	0.319	0.318	6.25
59)	Diethylphthalate	1.484	1.510	1.564	1.511	1.560	1.487	1.487	1.515	2.25
60)	4-Chlorophenyl...	0.740	0.745	0.745	0.718	0.750	0.703	0.702	0.729	2.85
61)	4-Nitroaniline	0.220	0.318	0.343	0.335	0.361	0.344	0.347	0.324	14.74
62)	Azobenzene	1.497	1.631	1.595	1.569	1.614	1.690	1.717	1.616	4.57
63) I	Phenanthrene-d10	-----ISTD-----								
64)	4,6-Dinitro-2-...		0.090	0.124	0.132	0.142	0.134	0.139	0.127	15.07
65) c	n-Nitrosodiphe...	0.665	0.669	0.679	0.668	0.685	0.636	0.634	0.662	3.00
66)	4-Bromophenyl-...	0.209	0.225	0.221	0.221	0.225	0.214	0.214	0.219	2.80
67)	Hexachlorobenzene	0.233	0.231	0.242	0.232	0.244	0.230	0.224	0.234	3.07
68)	Atrazine	0.181	0.196	0.211	0.204	0.212	0.198	0.199	0.200	5.30
69) C	Pentachlorophenol		0.065	0.093	0.096	0.106	0.103	0.106	0.095	16.39
70)	Phenanthrene	1.255	1.202	1.182	1.171	1.184	1.086	1.068	1.164	5.62
71)	Anthracene	1.215	1.217	1.220	1.202	1.213	1.131	1.113	1.187	3.81
72)	Carbazole	0.987	1.049	1.061	1.034	1.067	0.979	0.959	1.020	4.28
73)	Di-n-butylphth...	1.120	1.200	1.277	1.262	1.316	1.227	1.193	1.228	5.25
74) C	Fluoranthene	1.140	1.193	1.203	1.174	1.208	1.081	1.078	1.154	4.83
75) I	Chrysene-d12	-----ISTD-----								
76)	Benzidine		0.632	0.760	0.753	0.759	0.718	0.713	0.723	6.75
77)	Pyrene	1.464	1.428	1.488	1.535	1.541	1.456	1.561	1.496	3.35
78) S	Terphenyl-d14	0.903	0.894	0.899	0.916	0.911	0.864	0.904	0.899	1.89
79)	Butylbenzylphth...	0.447	0.541	0.610	0.630	0.642	0.602	0.646	0.588	12.17
80)	Benzo(a)anthra...	1.190	1.212	1.220	1.184	1.172	1.091	1.122	1.170	4.04
81)	3,3'-Dichlorob...	0.316	0.374	0.407	0.397	0.394	0.357	0.375	0.374	8.21
82)	Chrysene	1.203	1.187	1.170	1.171	1.186	1.093	1.151	1.166	3.08

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83)	Bis(2-ethylhex...	0.608	0.719	0.809	0.812	0.828	0.781	0.847	0.772	10.80
84) c	Di-n-octyl pht...	0.842	1.019	1.141	1.134	1.191	1.151	1.228	1.101	11.92
85)	Indeno(1,2,3-c...	0.861	0.903	0.981	1.001	1.073	1.048	1.128	0.999	9.40
86) I	Perylene-d12	-----ISTD-----								
87)	Benzo(b)fluora...	1.056	1.117	1.174	1.127	1.088	1.006	1.294	1.123	8.23
88)	Benzo(k)fluora...	1.243	1.231	1.237	1.171	1.204	1.099	0.870	1.151	11.63
89) C	Benzo(a)pyrene	1.088	1.131	1.120	1.113	1.106	1.012	1.079	1.093	3.65
90)	Dibenzo(a,h)an...	0.939	0.997	1.068	1.095	1.102	1.056	1.101	1.051	5.87
91)	Benzo(g,h,i)pe...	0.972	0.986	1.039	1.087	1.111	1.079	1.140	1.059	5.94

(#) = Out of Range