

Method Path : Z:\HPCHEM1\BNA_F\METHODS\
 Method File : 8270-BF072215.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Thu Jul 23 05:13:42 2015
 Response Via : Initial Calibration

Calibration Files

2.5 =BF080559.D 10 =BF080558.D 25 =BF080560.D 40 =BF080557.D 50 =BF080561.D 60 =BF080562.D 80 =BF080563.D

Compound		2.5	10	25	40	50	60	80	Avg	%RSD

1) I	1,4-Dichlorobenzen...	-----ISTD-----								
2)	1,4-Dioxane	0.755	0.555	0.579	0.563	0.552	0.569	0.531	0.586	12.94
3)	Pyridine	1.246	1.284	1.393	1.540	1.420	1.283	1.361		8.16
4)	n-Nitrosodimet...	0.672	0.867	0.903	0.892	0.817	0.957	0.910	0.860	10.86
5) S	2-Fluorophenol	1.048	1.144	1.127	1.191	1.125	1.132	1.126	1.128	3.74
6)	Aniline	2.088	2.033	2.040	2.073	2.078	2.147	2.109	2.081	1.89
7) S	Phenol-d6	1.284	1.310	1.354	1.454	1.444	1.480	1.396	1.389	5.42
8)	2-Chlorophenol	1.041	1.184	1.165	1.226	1.181	1.261	1.209	1.181	5.89
9)	Benzaldehyde	1.157	1.112	1.129	1.085	1.009	0.979	0.845	1.045	10.41
10) C	Phenol	1.419	1.620	1.597	1.727	1.696	1.819	1.684	1.652	7.61
11)	bis(2-Chloroet...	1.127	1.290	1.235	1.229	1.160	1.163	1.101	1.186	5.65
12)	1,3-Dichlorobe...	1.453	1.576	1.522	1.529	1.517	1.555	1.543	1.528	2.54
13) C	1,4-Dichlorobe...	1.371	1.400	1.468	1.504	1.467	1.518	1.460	1.455	3.63
14)	1,2-Dichlorobe...	1.347	1.458	1.421	1.452	1.364	1.434	1.350	1.404	3.47
15)	Benzyl Alcohol	0.905	1.058	1.163	1.179	1.234	1.279	1.232	1.150	11.21
16)	2,2'-oxybis(1-...	2.507	2.578	2.526	2.513	2.405	2.485	2.379	2.485	2.80
17)	2-Methylphenol	1.070	1.101	1.007	1.040	0.918	0.953	0.962	1.007	6.60
18)	Hexachloroethane	0.489	0.512	0.518	0.528	0.509	0.536	0.500	0.513	3.10
19) P	n-Nitroso-di-n...	0.805	0.913	0.836	0.864	0.916	0.948	0.961	0.892	6.54
20)	3+4-Methylphenols	1.152	1.256	1.273	1.282	1.276	1.335	1.320	1.270	4.66
21) I	Naphthalene-d8	-----ISTD-----								
22)	Acetophenone	0.455	0.474	0.443	0.490	0.476	0.486	0.519	0.478	5.16
23) S	Nitrobenzene-d5	0.240	0.291	0.300	0.339	0.332	0.335	0.337	0.311	11.78
24)	Nitrobenzene	0.216	0.284	0.302	0.348	0.367	0.377	0.416	0.330	20.41
25)	Isophorone	0.589	0.633	0.638	0.663	0.692	0.675	0.701	0.656	5.91
26) C	2-Nitrophenol	0.014	0.060	0.068	0.092	0.089	0.103	0.115	0.077	43.52#
27)	2,4-Dimethylph...	0.229	0.302	0.267	0.280	0.278	0.289	0.299	0.278	8.89
28)	bis(2-Chloroet...	0.299	0.367	0.349	0.349	0.360	0.364	0.374	0.352	7.11
29) C	2,4-Dichloroph...	0.174	0.205	0.218	0.230	0.238	0.235	0.254	0.222	11.71
30)	1,2,4-Trichlor...	0.296	0.312	0.306	0.312	0.314	0.308	0.323	0.310	2.73
31)	Naphthalene	0.977	1.010	0.966	1.012	1.008	0.973	1.007	0.993	2.04
32)	Benzoic acid	0.044	0.058	0.084	0.087	0.092	0.114	0.080		31.72
33)	4-Chloroaniline	0.333	0.402	0.379	0.386	0.383	0.387	0.406	0.382	6.19
34) C	Hexachlorobuta...	0.175	0.176	0.181	0.173	0.189	0.186	0.188	0.181	3.79
35)	Caprolactam	0.059	0.059	0.060	0.063	0.066	0.066	0.069	0.063	6.60
36) C	4-Chloro-3-met...	0.231	0.263	0.280	0.290	0.286	0.297	0.274		8.84
37)	2-Methylnaphth...	0.527	0.591	0.543	0.552	0.559	0.556	0.567	0.556	3.60

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38) I	Acenaphthene-d10	-----ISTD-----								
39)	1,2,4,5-Tetrac...	0.749	0.687	0.667	0.672	0.689	0.674	0.662	0.686	4.33
40) P	Hexachlorocycl...	0.273	0.280	0.285	0.295	0.320	0.303	0.312	0.295	5.85
41) S	2,4,6-Tribromo...	0.081	0.108	0.127	0.132	0.151	0.139	0.158	0.128	20.57
42) C	2,4,6-Trichlor...	0.278	0.337	0.325	0.346	0.360	0.365	0.366	0.340	9.13
43)	2,4,5-Trichlor...	0.280	0.371	0.348	0.359	0.381	0.371	0.373	0.355	9.73
44) S	2-Fluorobiphenyl	1.442	1.599	1.351	1.368	1.375	1.327	1.275	1.391	7.52
45)	1,1'-Biphenyl	1.800	1.827	1.621	1.654	1.665	1.636	1.533	1.676	6.14
46)	2-Chloronaphth...	1.436	1.476	1.255	1.316	1.319	1.265	1.203	1.324	7.46
47)	2-Nitroaniline	0.088	0.189	0.232	0.288	0.316	0.350	0.380	0.263	38.59
48)	Acenaphthylene	1.811	2.051	1.839	1.877	2.036	1.945	2.045	1.943	5.29
49)	Dimethylphthalate	1.198	1.358	1.368	1.392	1.537	1.530	1.449	1.405	8.29
50)	2,6-Dinitrotol...	0.081	0.138	0.194	0.223	0.239	0.250	0.241	0.195	32.54
51) C	Acenaphthene	1.049	1.113	1.097	1.143	1.192	1.194	1.204	1.142	5.14
52)	3-Nitroaniline	0.113	0.166	0.183	0.221	0.251	0.269	0.291	0.213	29.56
53) P	2,4-Dinitrophenol		0.019	0.028	0.031	0.040	0.039	0.052	0.035#	32.09
54)	Dibenzofuran	1.562	1.681	1.602	1.703	1.768	1.733	1.691	1.677	4.29
55) P	4-Nitrophenol		0.115	0.133	0.170	0.190	0.203	0.195	0.168	21.64
56)	2,4-Dinitrotol...		0.142	0.197	0.236	0.255	0.285	0.295	0.235	24.48
57)	Fluorene	1.269	1.402	1.292	1.321	1.406	1.344	1.346	1.340	3.84
58)	2,3,4,6-Tetrac...	0.168	0.210	0.253	0.268	0.298	0.291	0.304	0.256	19.65
59)	Diethylphthalate	1.177	1.442	1.246	1.271	1.324	1.271	1.342	1.296	6.46
60)	4-Chlorophenyl...	0.612	0.604	0.553	0.552	0.590	0.569	0.564	0.578	4.21
61)	4-Nitroaniline		0.174	0.193	0.230	0.262	0.275	0.296	0.238	20.06
62)	Azobenzene	1.259	1.506	1.396	1.468	1.447	1.483	1.432	1.427	5.76
63) I	Phenanthrene-d10	-----ISTD-----								
64)	4,6-Dinitro-2-...		0.015	0.025	0.031	0.036	0.042	0.054	0.034	40.27
65) c	n-Nitrosodiphe...	0.608	0.673	0.702	0.660	0.655	0.655	0.662	0.659	4.21
66)	4-Bromophenyl-...	0.176	0.203	0.192	0.192	0.195	0.189	0.200	0.192	4.53
67)	Hexachlorobenzene	0.210	0.216	0.221	0.212	0.225	0.224	0.222	0.219	2.76
68)	Atrazine	0.142	0.181	0.193	0.186	0.186	0.175	0.175	0.177	9.34
69) C	Pentachlorophenol		0.068	0.081	0.087	0.090	0.091	0.103	0.087	13.36
70)	Phenanthrene	1.151	1.135	1.142	1.134	1.131	1.121	1.133	1.135	0.80
71)	Anthracene	0.921	1.055	1.049	1.053	1.119	1.043	1.114	1.051	6.21
72)	Carbazole	0.811	0.912	0.967	0.969	1.018	1.002	0.983	0.952	7.39
73)	Di-n-butylphth...	0.700	0.945	1.104	1.168	1.182	1.079	1.091	1.038	16.16
74) C	Fluoranthene	0.935	1.017	1.037	1.033	1.038	1.046	1.084	1.027	4.43
75) I	Chrysene-d12	-----ISTD-----								
76)	Benzidine	0.481	0.593	0.709	0.656	0.588	0.561	0.575	0.595	12.13
77)	Pyrene	1.260	1.403	1.414	1.445	1.448	1.238	1.322	1.362	6.45
78) S	Terphenyl-d14	0.899	0.942	1.024	1.060	0.984	0.928	0.990	0.975	5.76
79)	Butylbenzylphth...	0.198	0.331	0.360	0.437	0.452	0.443	0.515	0.391	26.80
80)	Benzo(a)anthra...	1.006	1.140	1.135	1.196	1.196	1.129	1.154	1.137	5.62
81)	3,3'-Dichlorob...	0.218	0.276	0.318	0.361	0.339	0.340	0.357	0.316	16.39
82)	Chrysene	1.006	1.081	1.187	1.233	1.189	1.105	1.150	1.136	6.80

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83)	Bis(2-ethylhex...	0.333	0.560	0.638	0.741	0.730	0.697	0.785	0.641	24.10
84) c	Di-n-octyl pht...	0.380	0.587	0.773	0.967	0.937	0.960	1.111	0.817	31.21#
85)	Indeno(1,2,3-c...	0.717	0.730	0.758	0.796	0.768	0.857	1.023	0.807	13.11
86) I	Perylene-d12	-----ISTD-----								
87)	Benzo(b)fluora...	1.193	1.245	1.220	1.282	1.186	1.413	1.262	1.257	6.12
88)	Benzo(k)fluora...	1.172	1.235	1.284	1.302	1.405	1.076	1.242	1.245	8.32
89) C	Benzo(a)pyrene	0.866	1.099	1.090	1.119	1.166	1.149	1.138	1.090	9.38
90)	Dibenzo(a,h)an...	0.759	0.867	0.901	0.928	0.924	1.017	1.114	0.930	12.03
91)	Benzo(g,h,i)pe...	0.830	0.891	0.904	0.939	0.921	1.001	1.135	0.946	10.39

(#) = Out of Range