

Method Path : Z:\HPCHEM1\BNA_B\METHOD\
 Method File : 8270-BB093016.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Fri Sep 30 14:16:00 2016
 Response Via : Initial Calibration

Calibration Files

2.5 =BB058562.D 10 =BB058563.D 25 =BB058564.D 40 =BB058565.D 50 =BB058566.D 60 =BB058567.D 80 =BB058568.D

	Compound	2.5	10	25	40	50	60	80	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----								
2)	1,4-Dioxane	0.562	0.516	0.508	0.513	0.511	0.516	0.516	0.520	3.57
3)	Pyridine	1.320	1.297	1.275	1.318	1.314	1.314	1.319	1.308	1.27
4)	n-Nitrosodimet...	0.984	0.961	0.965	0.978	0.974	0.977	0.994	0.976	1.14
5) S	2-Fluorophenol	1.302	1.336	1.305	1.315	1.270	1.301	1.295	1.303	1.53
6)	Aniline	1.972	1.937	1.854	1.906	1.858	1.866	1.863	1.894	2.43
7) S	Phenol-d6	1.625	1.592	1.535	1.515	1.474	1.509	1.479	1.533	3.70
8)	2-Chlorophenol	1.559	1.518	1.455	1.463	1.437	1.474	1.438	1.478	3.07
9)	Benzaldehyde	1.073	0.916	0.839	0.755	0.724	0.645	0.825	18.57	
10) C	Phenol	1.647	1.625	1.568	1.606	1.548	1.570	1.513	1.582	2.92
11)	bis(2-Chloroet...	1.458	1.441	1.367	1.386	1.344	1.350	1.357	1.386	3.30
12)	1,3-Dichlorobe...	1.519	1.539	1.489	1.511	1.465	1.499	1.477	1.500	1.68
13) C	1,4-Dichlorobe...	1.563	1.581	1.513	1.539	1.511	1.528	1.538	1.539	1.66
14)	1,2-Dichlorobe...	1.486	1.464	1.426	1.460	1.402	1.448	1.397	1.440	2.33
15)	Benzyl Alcohol	1.107	1.107	1.100	1.110	1.109	1.127	1.109	1.110	0.74
16)	2,2'-oxybis(1-...	2.649	2.668	2.527	2.603	2.374	2.464	2.373	2.523	4.90
17)	2-Methylphenol	1.063	1.052	1.043	1.067	1.045	1.039	1.042	1.050	1.01
18)	Hexachloroethane	0.669	0.695	0.665	0.682	0.665	0.685	0.687	0.678	1.74
19) P	n-Nitroso-di-n...	1.165	1.147	1.083	1.090	1.104	1.077	1.077	1.106	3.20
20)	3+4-Methylphenols	1.491	1.432	1.361	1.362	1.331	1.335	1.292	1.372	4.93
21) I	Naphthalene-d8	-----ISTD-----								
22)	Acetophenone	0.488	0.481	0.459	0.461	0.446	0.451	0.424	0.459	4.70
23) S	Nitrobenzene-d5	0.436	0.430	0.416	0.417	0.404	0.408	0.396	0.415	3.38
24)	Nitrobenzene	0.454	0.432	0.415	0.424	0.402	0.397	0.409	0.419	4.69
25)	Isophorone	0.851	0.842	0.788	0.783	0.783	0.789	0.784	0.803	3.73
26) C	2-Nitrophenol	0.231	0.242	0.236	0.245	0.243	0.246	0.233	0.239	2.48
27)	2,4-Dimethylph...	0.334	0.354	0.331	0.334	0.345	0.344	0.338	0.340	2.36
28)	bis(2-Chloroet...	0.446	0.446	0.423	0.428	0.405	0.419	0.406	0.425	3.93
29) C	2,4-Dichloroph...	0.323	0.316	0.315	0.314	0.314	0.316	0.309	0.315	1.28
30)	1,2,4-Trichlor...	0.324	0.325	0.320	0.319	0.310	0.316	0.320	0.319	1.53
31)	Naphthalene	1.068	1.047	1.018	0.985	0.867	0.906	0.877	0.967	8.58
32)	Benzoic acid	0.185	0.225	0.223	0.249	0.246	0.240	0.228	10.34	
33)	4-Chloroaniline	0.435	0.432	0.431	0.430	0.427	0.425	0.424	0.429	0.90
34) C	Hexachlorobuta...	0.168	0.168	0.168	0.170	0.167	0.172	0.168	0.169	0.95
35)	Caprolactam	0.135	0.129	0.127	0.127	0.130	0.130	0.139	0.131	3.36
36) C	4-Chloro-3-met...	0.353	0.345	0.342	0.348	0.351	0.348	0.335	0.346	1.71
37)	2-Methylnaphth...	0.679	0.676	0.643	0.657	0.589	0.609	0.577	0.633	6.53

Method Path : Z:\HPCHEM1\BNA_B\METHOD\
 Method File : 8270-BB093016.M

38) I	Acenaphthene-d10	-----ISTD-----								
39)	1,2,4,5-Tetrac...	0.592	0.616	0.574	0.581	0.558	0.593	0.479	0.570	7.73
40) P	Hexachlorocycl...	0.216	0.265	0.289	0.297	0.294	0.305	0.280	0.278	10.94
41) S	2,4,6-Tribromo...	0.235	0.245	0.245	0.276	0.252	0.264	0.276	0.256	6.24
42) C	2,4,6-Trichlor...	0.443	0.437	0.419	0.449	0.426	0.452	0.433	0.437	2.75
43)	2,4,5-Trichlor...	0.460	0.448	0.435	0.447	0.459	0.472	0.438	0.452	2.90
44) S	2-Fluorobiphenyl	1.441	1.282	1.343	1.014	1.103	1.078	1.210		13.99
45)	1,1'-Biphenyl	1.754	1.724	1.608	1.686	1.353	1.439	1.450	1.573	10.09
46)	2-Chloronaphth...	1.279	1.300	1.241	1.286	1.192	1.235	1.198	1.248	3.42
47)	2-Nitroaniline	0.493	0.510	0.474	0.519	0.492	0.505	0.483	0.497	3.18
48)	Acenaphthylene	2.085	2.019	1.935	1.864	1.937	1.656	1.916		7.76
49)	Dimethylphthalate	1.591	1.562	1.499	1.326	1.425	1.378	1.463		7.16
50)	2,6-Dinitrotol...	0.430	0.428	0.415	0.427	0.410	0.409	0.415	0.419	2.13
51) C	Acenaphthene	1.341	1.353	1.296	1.373	1.215	1.282	1.241	1.300	4.55
52)	3-Nitroaniline	0.405	0.434	0.452	0.441	0.473	0.456	0.430	0.441	4.93
53) P	2,4-Dinitrophenol	0.204	0.256	0.274	0.306	0.312		0.270		16.15
54)	Dibenzofuran	1.775	1.788	1.611	1.683	1.493	1.546	1.542	1.634	7.18
55) P	4-Nitrophenol	0.320	0.367	0.381	0.416	0.408	0.426	0.424	0.392	9.83
56)	2,4-Dinitrotol...	0.528	0.553	0.562	0.553	0.541	0.551	0.590	0.554	3.46
57)	Fluorene	1.486	1.507	1.348	1.361	1.234	1.280	1.205	1.346	8.72
58)	2,3,4,6-Tetrac...	0.332	0.328	0.332	0.334	0.353	0.352	0.315	0.335	4.03
59)	Diethylphthalate	1.689	1.688	1.582	1.440	1.534	1.558	1.582		6.05
60)	4-Chlorophenyl...	0.690	0.662	0.632	0.665	0.566	0.599	0.569	0.626	7.83
61)	4-Nitroaniline	0.405	0.434	0.452	0.441	0.473	0.456	0.430	0.441	4.93
62)	Azobenzene	1.739	1.764	1.563	1.558	1.613	1.474	1.479	1.598	7.22
63) I	Phenanthrene-d10	-----ISTD-----								
64)	4,6-Dinitro-2-...	0.183	0.195	0.216	0.210	0.218	0.238	0.210		9.16
65) c	n-Nitrosodiphe...	0.726	0.759	0.728	0.695	0.646	0.667	0.722	0.706	5.52
66)	4-Bromophenyl-...	0.220	0.215	0.222	0.235	0.208	0.219	0.237	0.222	4.79
67)	Hexachlorobenzene	0.263	0.269	0.277	0.260	0.285	0.289	0.261	0.272	4.33
68)	Atrazine	0.245	0.250	0.226	0.241	0.223	0.206	0.212	0.229	7.35
69) C	Pentachlorophenol	0.136	0.162	0.178	0.187	0.183	0.186	0.197	0.176	11.71
70)	Phenanthrene	1.183	1.173	1.130	1.024	1.004	1.061	0.872	1.064	10.34
71)	Anthracene	1.147	1.150	1.155	1.112	1.044	1.093	0.909	1.087	8.10
72)	Carbazole	1.143	1.125	1.115	1.102	1.052	1.072	0.942	1.079	6.27
73)	Di-n-butylphth...	1.936	1.907	1.704	1.481	1.233	1.376	1.239	1.554	19.17
74) C	Fluoranthene	1.130	1.131	1.153	1.123	0.938	0.989	0.989	1.065	8.34
75) I	Chrysene-d12	-----ISTD-----								
76)	Benzidine	0.549	0.698	0.644	0.614	0.662	0.667	0.555	0.627	9.11
77)	Pyrene	1.304	1.339	1.267	1.116	1.120	1.208	1.003	1.194	10.07
78) S	Terphenyl-d14	0.789	0.862	0.782	0.700	0.574	0.609	0.592	0.701	16.14
79)	Butylbenzylphth...	0.936	0.920	0.943	0.893	0.695	0.762	0.814	0.852	11.33
80)	Benzo(a)anthra...	1.129	1.176	1.064	1.057	0.994	1.049	1.017	1.069	5.92
81)	3,3'-Dichlorob...	0.443	0.477	0.450	0.400	0.382	0.420	0.330	0.415	11.82
82)	Chrysene	1.084	1.130	1.055	1.016	0.916	0.942	1.002	1.021	7.44

Method Path : Z:\HPCHEM1\BNA_B\METHOD\

Method File : 8270-BB093016.M

83)	Bis(2-ethylhex...	1.274	1.278	1.205	1.097	0.848	0.943	0.901	1.078	16.83
84) c	Di-n-octyl pht...	1.966	2.267	2.018	1.894	1.639	1.797	1.615	1.885	12.08
85)	Indeno(1,2,3-c...	0.941	1.012	0.988	1.002	1.062	1.054	1.043	1.015	4.23
86) I	Perylene-d12	-----ISTD-----								
87)	Benzo(b)fluora...	1.235	1.125	1.155	1.261	1.221	1.319	1.482	1.257	9.42
88)	Benzo(k)fluora...	0.968	1.183	1.133	1.080	0.982	1.002	0.865	1.030	10.53
89) C	Benzo(a)pyrene	1.019	1.059	1.063	1.117	1.077	1.106	1.090	1.076	3.04
90)	Dibenzo(a,h)an...	0.763	0.851	0.889	0.933	0.937	0.933	0.964	0.896	7.73
91)	Benzo(g,h,i)pe...	0.803	0.834	0.850	0.877	0.856	0.854	0.879	0.850	3.06

(#) = Out of Range