

Method Path : Z:\HPCHEM1\BNA_M\METHODS\
 Method File : 8270-BM052218.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Fri May 25 10:01:07 2018
 Response Via : Initial Calibration

Calibration Files

2.5 =BM015234.D 10 =BM015235.D 25 =BM015236.D 40 =BM015237.D 50 =BM015238.D 60 =BM015239.D 80 =BM015240.D

	Compound	2.5	10	25	40	50	60	80	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----								
2)	1,4-Dioxane	0.501	0.482	0.496	0.518	0.514	0.512	0.512	0.505	2.50
3)	Pyridine	1.132	1.106	1.287	1.353	1.382	1.385	1.411	1.294	9.71
4)	n-Nitrosodimet...	0.602	0.644	0.701	0.731	0.734	0.739	0.749	0.700	7.99
5) S	2-Fluorophenol	1.112	1.147	1.214	1.265	1.271	1.268	1.280	1.222	5.53
6)	Aniline	1.816	1.868	1.963	2.013	2.021	2.007	2.041	1.961	4.40
7) S	Phenol-d6	1.447	1.515	1.590	1.641	1.642	1.644	1.663	1.592	5.09
8)	2-Chlorophenol	1.282	1.319	1.379	1.419	1.417	1.415	1.427	1.380	4.16
9)	Benzaldehyde	1.092	1.088	1.073	1.008	0.923	0.858	1.007		9.67
10) C	Phenol	1.505	1.550	1.610	1.656	1.661	1.656	1.677	1.617	4.04
11)	bis(2-Chloroet...	1.292	1.220	1.272	1.307	1.294	1.292	1.299	1.282	2.30
12)	1,3-Dichlorobe...	1.580	1.521	1.557	1.592	1.590	1.582	1.589	1.573	1.64
13) C	1,4-Dichlorobe...	1.592	1.536	1.571	1.616	1.607	1.602	1.609	1.590	1.77
14)	1,2-Dichlorobe...	1.510	1.465	1.496	1.524	1.525	1.522	1.525	1.510	1.49
15)	Benzyl Alcohol	1.000	1.088	1.153	1.189	1.198	1.208	1.221	1.151	6.96
16)	2,2'-oxybis(1-...	2.090	2.013	2.021	2.015	2.006	2.009	2.007	2.023	1.48
17)	2-Methylphenol	0.982	1.055	1.070	1.105	1.103	1.097	1.111	1.075	4.25
18)	Hexachloroethane	0.526	0.535	0.556	0.581	0.585	0.582	0.590	0.565	4.62
19) P	n-Nitroso-di-n...	0.925	0.977	1.018	1.041	1.044	1.042	1.055	1.015	4.64
20)	3+4-Methylphenols	1.285	1.383	1.439	1.461	1.468	1.469	1.484	1.427	4.97
21) I	Naphthalene-d8	-----ISTD-----								
22)	Acetophenone	0.452	0.464	0.484	0.487	0.486	0.489	0.497	0.480	3.34
23) S	Nitrobenzene-d5	0.323	0.345	0.370	0.377	0.376	0.379	0.386	0.365	6.19
24)	Nitrobenzene	0.351	0.359	0.386	0.390	0.388	0.390	0.397	0.380	4.64
25)	Isophorone	0.538	0.578	0.629	0.653	0.657	0.661	0.674	0.627	8.04
26) C	2-Nitrophenol		0.141	0.162	0.174	0.177	0.182	0.187	0.171	9.74
27)	2,4-Dimethylph...	0.272	0.292	0.311	0.319	0.322	0.322	0.328	0.309	6.54
28)	bis(2-Chloroet...	0.393	0.397	0.413	0.419	0.416	0.416	0.421	0.411	2.70
29) C	2,4-Dichloroph...	0.251	0.277	0.294	0.305	0.306	0.306	0.312	0.293	7.39
30)	1,2,4-Trichlor...	0.333	0.332	0.346	0.352	0.350	0.350	0.353	0.345	2.57
31)	Naphthalene	1.037	1.005	1.038	1.047	1.046	1.045	1.058	1.040	1.61
32)	Benzoic acid		0.138	0.168	0.179	0.185	0.187	0.217	0.179	14.53
33)	4-Chloroaniline	0.370	0.395	0.417	0.427	0.427	0.430	0.437	0.415	5.72
34) C	Hexachlorobuta...	0.198	0.200	0.203	0.209	0.206	0.208	0.213	0.205	2.59
35)	Caprolactam		0.067	0.079	0.086	0.086	0.088	0.091	0.083	10.26
36) C	4-Chloro-3-met...	0.252	0.285	0.303	0.310	0.312	0.314	0.319	0.299	7.85
37)	2-Methylnaphth...	0.703	0.696	0.721	0.731	0.727	0.727	0.738	0.720	2.14

Method Path : Z:\HPCHEM1\BNA_M\METHODS\
 Method File : 8270-BM052218.M

38) I	Acenaphthene-d10	-----ISTD-----								
39)	1,2,4,5-Tetrac...	0.668	0.672	0.706	0.719	0.714	0.719	0.733	0.704	3.52
40) P	Hexachlorocycl...		0.298	0.377	0.422	0.431	0.445	0.468	0.407	15.08
41) S	2,4,6-Tribromo...	0.192	0.231	0.254	0.266	0.268	0.270	0.274	0.251	11.88
42) C	2,4,6-Trichlor...	0.333	0.389	0.430	0.448	0.449	0.454	0.460	0.423	10.97
43)	2,4,5-Trichlor...	0.382	0.424	0.464	0.479	0.479	0.485	0.489	0.457	8.75
44) S	2-Fluorobiphenyl	1.594	1.555	1.608	1.639	1.612	1.627	1.627	1.609	1.73
45)	1,1'-Biphenyl	1.714	1.690	1.753	1.778	1.761	1.771	1.782	1.750	2.00
46)	2-Chloronaphth...	1.285	1.309	1.350	1.375	1.358	1.373	1.377	1.347	2.67
47)	2-Nitroaniline		0.313	0.372	0.395	0.400	0.407	0.415	0.384	9.76
48)	Acenaphthylene	1.767	1.890	2.020	2.073	2.068	2.090	2.095	2.000	6.26
49)	Dimethylphthalate	1.518	1.560	1.603	1.634	1.619	1.619	1.622	1.596	2.63
50)	2,6-Dinitrotol...	0.254	0.310	0.340	0.355	0.354	0.357	0.361	0.333	11.71
51) C	Acenaphthene	1.205	1.206	1.246	1.266	1.262	1.266	1.271	1.246	2.32
52)	3-Nitroaniline		0.291	0.341	0.363	0.365	0.368	0.377	0.351	9.05
53) P	2,4-Dinitrophenol		0.117	0.151	0.175	0.184	0.192	0.203	0.170	18.43
54)	Dibenzofuran	1.977	1.941	1.967	1.979	1.957	1.964	1.968	1.965	0.65
55) P	4-Nitrophenol		0.225	0.273	0.295	0.300	0.304	0.309	0.284	11.08
56)	2,4-Dinitrotol...		0.387	0.444	0.471	0.470	0.478	0.486	0.456	8.01
57)	Fluorene	1.492	1.489	1.562	1.587	1.568	1.583	1.587	1.553	2.80
58)	2,3,4,6-Tetrac...	0.325	0.374	0.397	0.411	0.409	0.413	0.415	0.392	8.40
59)	Diethylphthalate	1.470	1.522	1.568	1.618	1.614	1.611	1.611	1.573	3.65
60)	4-Chlorophenyl...	0.785	0.763	0.785	0.801	0.793	0.801	0.808	0.791	1.89
61)	4-Nitroaniline		0.295	0.353	0.379	0.383	0.390	0.399	0.367	10.44
62)	Azobenzene	1.204	1.431	1.521	1.582	1.567	1.571	1.586	1.495	9.31
63) I	Phenanthrene-d10	-----ISTD-----								
64)	4,6-Dinitro-2-...		0.082	0.102	0.113	0.118	0.120	0.127	0.110	14.60
65) c	n-Nitrosodiphe...	0.579	0.614	0.657	0.661	0.660	0.660	0.669	0.643	5.20
66)	4-Bromophenyl-...	0.207	0.210	0.224	0.230	0.229	0.229	0.235	0.223	4.90
67)	Hexachlorobenzene	0.254	0.248	0.258	0.261	0.259	0.258	0.264	0.257	1.99
68)	Atrazine	0.174	0.192	0.212	0.217	0.213	0.212	0.207	0.204	7.55
69) C	Pentachlorophenol		0.115	0.138	0.147	0.150	0.153	0.157	0.143	10.59
70)	Phenanthrene	1.125	1.097	1.144	1.155	1.151	1.146	1.156	1.139	1.86
71)	Anthracene	1.020	1.071	1.156	1.176	1.177	1.166	1.183	1.136	5.61
72)	Carbazole	0.859	0.949	1.028	1.048	1.052	1.048	1.054	1.005	7.42
73)	Di-n-butylphth...	0.915	1.072	1.198	1.271	1.271	1.269	1.288	1.184	11.86
74) C	Fluoranthene	1.126	1.185	1.250	1.296	1.294	1.294	1.301	1.249	5.49
75) I	Chrysene-d12	-----ISTD-----								
76)	Benzidine	0.513	0.636	0.714	0.690	0.652	0.623	0.556	0.626	11.36
77)	Pyrene	1.218	1.246	1.272	1.284	1.260	1.266	1.290	1.262	1.94
78) S	Terphenyl-d14	0.897	0.899	0.911	0.918	0.900	0.901	0.914	0.906	0.95
79)	Butylbenzylphth...	0.383	0.461	0.520	0.555	0.555	0.557	0.577	0.515	13.52
80)	Benzo(a)anthra...	1.205	1.231	1.258	1.290	1.272	1.273	1.292	1.260	2.53
81)	3,3'-Dichlorob...	0.408	0.444	0.472	0.496	0.485	0.484	0.477	0.467	6.52
82)	Chrysene	1.166	1.152	1.185	1.214	1.198	1.193	1.201	1.187	1.80

Method Path : Z:\HPCHEM1\BNA_M\METHODS\
Method File : 8270-BM052218.M

83)	Bis(2-ethylhex...	0.568	0.659	0.753	0.811	0.808	0.813	0.836	0.750	13.34
84) c	Di-n-octyl pht...		1.077	1.262	1.364	1.370	1.380	1.415	1.311	9.59
85)	Indeno(1,2,3-c...	1.278	1.326	1.458	1.485	1.495	1.507	1.505	1.436	6.56
86) I	Perylene-d12	-----ISTD-----								
87)	Benzo(b)fluora...	1.188	1.215	1.286	1.298	1.291	1.273	1.308	1.265	3.62
88)	Benzo(k)fluora...	1.149	1.171	1.190	1.212	1.214	1.227	1.216	1.197	2.38
89) C	Benzo(a)pyrene	1.071	1.121	1.186	1.214	1.219	1.219	1.232	1.180	5.18
90)	Dibenzo(a,h)an...	1.098	1.159	1.226	1.230	1.239	1.235	1.242	1.204	4.57
91)	Benzo(g,h,i)pe...	1.098	1.120	1.194	1.194	1.199	1.198	1.208	1.173	3.79

(#) = Out of Range