

Method Path : Z:\HPCHEM1\BNA_F\Methods\
 Method File : 8270-BF062717.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Wed Jun 28 15:41:49 2017
 Response Via : Initial Calibration

Calibration Files

2.5 =BF096208.D 10 =BF096209.D 25 =BF096210.D 40 =BF096211.D 60 =BF096213.D 50 =BF096212.D 80 =BF096214.D

	Compound	2.5	10	25	40	60	50	80	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----								
2)	1,4-Dioxane	0.717	0.676	0.665	0.659	0.645	0.627	0.645	0.662	4.35
3)	Pyridine	1.625	1.825	1.847	1.844	1.865	1.795	1.913	1.816	5.05
4)	n-Nitrosodimet...	0.757	0.902	0.909	0.915	0.941	0.906	0.958	0.898	7.29
5) S	2-Fluorophenol	1.517	1.525	1.445	1.375	1.301	1.293	1.262	1.388	7.85
6)	Aniline	2.501	2.537	2.431	2.318	2.168	2.169	2.099	2.318	7.61
7) S	Phenol-d6	1.888	1.865	1.755	1.646	1.551	1.566	1.497	1.681	9.32
8)	2-Chlorophenol	1.492	1.503	1.431	1.371	1.264	1.271	1.202	1.362	8.74
9)	Benzaldehyde	1.287	1.168	1.041	0.887	0.930	0.773	1.014	18.72	
10) C	Phenol	1.976	2.029	1.997	1.882	1.723	1.699	1.629	1.848	8.79
11)	bis(2-Chloroet...	1.680	1.651	1.566	1.506	1.421	1.403	1.358	1.512	8.30
12)	1,3-Dichlorobe...	1.687	1.685	1.549	1.479	1.393	1.380	1.337	1.501	9.59
13) C	1,4-Dichlorobe...	1.722	1.689	1.573	1.493	1.375	1.388	1.309	1.507	10.66
14)	1,2-Dichlorobe...	1.587	1.583	1.466	1.357	1.240	1.243	1.135	1.373	12.97
15)	Benzyl Alcohol	1.177	1.215	1.198	1.151	1.079	1.098	1.020	1.134	6.24
16)	2,2'-oxybis(1-...	3.444	3.479	3.287	3.206	3.029	3.031	2.884	3.194	7.03
17)	2-Methylphenol	1.257	1.247	1.220	1.172	1.132	1.121	1.121	1.181	5.05
18)	Hexachloroethane	0.560	0.566	0.567	0.552	0.527	0.527	0.506	0.544	4.31
19) P	n-Nitroso-di-n...	1.028	1.096	1.019	1.007	0.971	0.962	0.965	1.007	4.73
20)	3+4-Methylphenols	1.585	1.579	1.423	1.319	1.190	1.209	1.126	1.347	13.85
21) I	Naphthalene-d8	-----ISTD-----								
22)	Acetophenone	0.506	0.440	0.410	0.386	0.390	0.363	0.416	12.28	
23) S	Nitrobenzene-d5	0.257	0.290	0.299	0.300	0.300	0.288	0.289	5.78	
24)	Nitrobenzene	0.238	0.333	0.339	0.343	0.333	0.340	0.312	0.320	11.70
25)	Isophorone	0.686	0.700	0.659	0.644	0.640	0.633	0.630	0.656	4.16
26) C	2-Nitrophenol	0.084	0.118	0.141	0.155	0.148	0.155	0.133	20.94	
27)	2,4-Dimethylph...	0.319	0.318	0.299	0.293	0.282	0.283	0.281	0.296	5.47
28)	bis(2-Chloroet...	0.505	0.500	0.452	0.432	0.414	0.416	0.392	0.444	9.78
29) C	2,4-Dichloroph...	0.240	0.275	0.263	0.258	0.247	0.251	0.236	0.253	5.30
30)	1,2,4-Trichlor...	0.288	0.276	0.260	0.247	0.231	0.236	0.218	0.251	9.97
31)	Naphthalene	1.163	1.100	0.999	0.931	0.868	0.883	0.803	0.964	13.54
32)	Benzoic acid	0.091	0.146	0.193	0.221	0.210	0.231	0.182	29.49	
33)	4-Chloroaniline	0.446	0.447	0.410	0.395	0.370	0.377	0.348	0.399	9.49
34) C	Hexachlorobuta...	0.140	0.138	0.129	0.124	0.115	0.120	0.107	0.124	9.65
35)	Caprolactam	0.067	0.089	0.088	0.090	0.092	0.090	0.097	0.087	10.84
36) C	4-Chloro-3-met...	0.268	0.297	0.288	0.278	0.267	0.270	0.259	0.275	4.81
37)	2-Methylnaphth...	0.753	0.719	0.647	0.608	0.561	0.576	0.519	0.626	13.62

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38) I	Acenaphthene-d10	-----ISTD-----								
39)	1,2,4,5-Tetrac...	0.588	0.566	0.505	0.466	0.427	0.445	0.392	0.484	15.00
40) P	Hexachlorocycl...	0.182	0.218	0.237	0.231	0.216	0.227	0.208	0.217	8.38
41) S	2,4,6-Tribromo...	0.147	0.177	0.169	0.160	0.151	0.156	0.141	0.157	8.11
42) C	2,4,6-Trichlor...	0.324	0.391	0.392	0.369	0.356	0.370	0.353	0.365	6.48
43)	2,4,5-Trichlor...	0.370	0.406	0.415	0.403	0.371	0.379	0.349	0.385	6.18
44) S	2-Fluorobiphenyl			1.293	1.151	1.011	1.076	0.929	1.092	12.75
45)	1,1'-Biphenyl		1.860	1.677	1.539	1.382	1.461	1.287	1.535	13.55
46)	2-Chloronaphth...	1.520	1.454	1.347	1.229	1.120	1.192	1.049	1.273	13.65
47)	2-Nitroaniline		0.293	0.394	0.414	0.432	0.438	0.442	0.402	14.04
48)	Acenaphthylene	2.467	2.466	2.222	2.039	1.871	1.981	1.739	2.112	13.44
49)	Dimethylphthalate	1.626	1.593	1.492	1.396	1.310	1.352	1.250	1.431	10.00
50)	2,6-Dinitrotol...		0.252	0.305	0.304	0.308	0.316	0.301	0.298	7.72
51) C	Acenaphthene	1.497	1.417	1.300	1.182	1.093	1.165	1.048	1.243	13.48
52)	3-Nitroaniline		0.346	0.390	0.385	0.381	0.397	0.390	0.381	4.75
53) P	2,4-Dinitrophenol		0.036	0.065	0.092	0.114	0.108	0.129	0.091	37.90
54)	Dibenzofuran		1.963	1.767	1.614	1.469	1.560	1.365	1.623	13.23
55) P	4-Nitrophenol		0.260	0.310	0.321	0.319	0.317	0.324	0.308	7.82
56)	2,4-Dinitrotol...		0.300	0.377	0.397	0.395	0.399	0.384	0.375	10.08
57)	Fluorene		1.541	1.306	1.153	1.045	1.117	0.967	1.188	17.42
58)	2,3,4,6-Tetrac...	0.251	0.294	0.288	0.277	0.259	0.267	0.245	0.269	6.82
59)	Diethylphthalate	1.648	1.621	1.479	1.422	1.308	1.353	1.229	1.437	10.89
60)	4-Chlorophenyl...		0.619	0.531	0.477	0.417	0.448	0.379	0.479	18.02
61)	4-Nitroaniline		0.296	0.312	0.333	0.347	0.344	0.358	0.332	7.05
62)	Azobenzene	1.641	1.655	1.520	1.413	1.318	1.376	1.222	1.449	11.23
63) I	Phenanthrene-d10	-----ISTD-----								
64)	4,6-Dinitro-2-...		0.044	0.076	0.096	0.110	0.104	0.116	0.091	29.58
65) c	n-Nitrosodiphe...	0.836	0.836	0.747	0.703	0.647	0.662	0.605	0.719	12.66
66)	4-Bromophenyl-...	0.231	0.233	0.216	0.204	0.188	0.193	0.175	0.206	10.71
67)	Hexachlorobenzene	0.235	0.238	0.220	0.211	0.194	0.199	0.182	0.212	9.88
68)	Atrazine	0.196	0.223	0.200	0.189	0.175	0.184	0.160	0.190	10.46
69) C	Pentachlorophenol	0.083	0.120	0.132	0.132	0.128	0.129	0.121	0.121	14.22
70)	Phenanthrene		1.354	1.173	1.079	0.981	0.997	0.900	1.080	15.11
71)	Anthracene		1.389	1.219	1.120	1.016	1.038	0.925	1.118	14.85
72)	Carbazole	1.466	1.453	1.290	1.194	1.101	1.111	1.021	1.234	14.21
73)	Di-n-butylphth...	1.370	1.516	1.398	1.325	1.190	1.220	1.100	1.303	10.87
74) C	Fluoranthene	1.311	1.323	1.173	1.079	0.983	1.006	0.902	1.111	14.74
75) I	Chrysene-d12	-----ISTD-----								
76)	Benzidine	0.762	0.867	0.823	0.801	0.663	0.737	0.596	0.750	12.55
77)	Pyrene	1.733	1.752	1.642	1.658	1.603	1.619	1.499	1.644	5.17
78) S	Terphenyl-d14	0.930	0.901	0.803	0.783	0.741	0.766	0.687	0.802	10.78
79)	Butylbenzylpht...		0.633	0.717	0.798	0.802	0.799	0.771	0.753	8.93
80)	Benzo(a)anthra...	1.304	1.327	1.254	1.238	1.153	1.187	1.071	1.219	7.33
81)	3,3'-Dichlorob...	0.372	0.472	0.494	0.503	0.479	0.492	0.438	0.464	9.88
82)	Chrysene	1.330	1.343	1.266	1.277	1.234	1.248	1.128	1.261	5.65

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83)	Bis(2-ethylhex...	0.657	0.877	0.880	0.891	0.829	0.858	0.737	0.819	10.78
84) c	Di-n-octyl pht...		1.485	1.681	1.785	1.745	1.763	1.656	1.686	6.54
85)	Indeno(1,2,3-c...	1.021	1.103	1.066	1.051	1.034	1.025	1.026	1.047	2.84
86) I	Perylene-d12	-----ISTD-----								
87)	Benzo(b)fluora...	1.398	1.359	1.373	1.248	1.277	1.212	1.330	1.314	5.29
88)	Benzo(k)fluora...	1.398	1.315	1.181	1.225	1.067	1.231	0.978	1.199	11.84
89) C	Benzo(a)pyrene	1.195	1.236	1.208	1.161	1.113	1.126	1.084	1.160	4.77
90)	Dibenzo(a,h)an...	0.929	0.974	0.941	0.889	0.862	0.874	0.892	0.909	4.42
91)	Benzo(g,h,i)pe...	0.986	1.002	0.932	0.902	0.901	0.907	0.982	0.944	4.69

(#) = Out of Range