

Method Path : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\
 Method File : 8270-BF100818.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Mon Oct 08 16:02:11 2018
 Response Via : Initial Calibration

Calibration Files

2.5 =BF109642.D 10 =BF109643.D 25 =BF109644.D 40 =BF109645.D 50 =BF109646.D 60 =BF109647.D 80 =BF109648.D

	Compound	2.5	10	25	40	50	60	80	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----								
2)	1,4-Dioxane	0.599	0.546	0.598	0.598	0.599	0.592	0.606	0.591	3.43
3)	Pyridine	1.097	1.122	1.281	1.268	1.276	1.275	1.220		7.03
4)	n-Nitrosodimet...	0.379	0.373	0.458	0.477	0.515		0.440		14.24
5) S	2-Fluorophenol	0.889	1.024	1.140	1.235	1.191	1.209	1.198	1.127	11.18
6)	Aniline	1.403	1.803	1.873	1.853	1.815	1.799	1.728	1.753	9.20
7) S	Phenol-d6	1.477	1.578	1.553	1.554	1.484	1.465	1.426	1.505	3.74
8)	2-Chlorophenol	1.304	1.439	1.440	1.441	1.385	1.370	1.321	1.386	4.14
9)	Benzaldehyde	0.810	1.060	1.068	1.061	0.985	0.948	0.847	0.969	10.94
10) C	Phenol	1.853	1.912	1.671	1.704	1.659	1.664	1.620	1.726	6.44
11)	bis(2-Chloroet...	1.741	1.533	1.587	1.320	1.278	1.278	1.280	1.431	13.16
12)	1,3-Dichlorobe...	1.629	1.594	1.584	1.626	1.562	1.573	1.527	1.585	2.25
13) C	1,4-Dichlorobe...	1.929	1.776	1.740	1.730	1.669	1.648	1.601	1.728	6.20
14)	1,2-Dichlorobe...	1.746	1.602	1.566	1.527	1.431	1.407	1.342	1.517	9.01
15)	Benzyl Alcohol	0.938	1.157	1.190	1.188	1.136	1.119	1.081	1.116	7.82
16)	2,2'-oxybis(1-...	2.088	2.001	1.917	1.907	1.812	1.811	1.744	1.897	6.30
17)	2-Methylphenol	1.122	1.134	1.115	1.106	1.086	1.066	1.043	1.096	2.97
18)	Hexachloroethane	0.659	0.640	0.613	0.616	0.585	0.590	0.572	0.611	5.10
19) P	n-Nitroso-di-n...	1.124	1.115	1.098	1.056	1.017	1.006	0.974	1.056	5.57
20)	3+4-Methylphenols	1.244	1.449	1.428	1.419	1.350	1.310	1.252	1.350	6.29
21) I	Naphthalene-d8	-----ISTD-----								
22)	Acetophenone	0.480	0.505	0.499	0.490	0.475	0.475	0.463	0.484	3.04
23) S	Nitrobenzene-d5	0.368	0.376	0.371	0.366	0.357	0.354	0.349	0.363	2.66
24)	Nitrobenzene	0.388	0.386	0.388	0.377	0.372	0.368	0.364	0.378	2.62
25)	Isophorone	0.649	0.607	0.600	0.595	0.583	0.587	0.597	0.602	3.63
26) C	2-Nitrophenol	0.152	0.175	0.184	0.186	0.180	0.180	0.178	0.177	6.45
27)	2,4-Dimethylph...	0.253	0.260	0.256	0.259	0.253	0.252	0.252	0.255	1.30
28)	bis(2-Chloroet...	0.429	0.424	0.417	0.409	0.397	0.392	0.385	0.408	4.11
29) C	2,4-Dichloroph...	0.274	0.293	0.296	0.292	0.288	0.283	0.276	0.286	3.02
30)	1,2,4-Trichlor...	0.331	0.330	0.324	0.319	0.309	0.306	0.298	0.317	4.01
31)	Naphthalene	1.007	0.968	0.948	0.923	0.888	0.886	0.855	0.925	5.75
32)	Benzoic acid		0.154	0.178	0.171	0.204	0.179	0.208	0.182	11.17
33)	4-Chloroaniline	0.423	0.429	0.422	0.406	0.394	0.393	0.385	0.407	4.30
34) C	Hexachlorobuta...	0.212	0.206	0.201	0.197	0.193	0.188	0.183	0.197	5.12
35)	Caprolactam	0.077	0.088	0.088	0.087	0.087	0.087	0.083	0.085	4.80
36) C	4-Chloro-3-met...	0.308	0.311	0.309	0.306	0.296	0.294	0.289	0.302	2.87
37)	2-Methylnaphth...	0.668	0.645	0.624	0.602	0.576	0.569	0.557	0.606	6.87

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38) I	Acenaphthene-d10	-----ISTD-----								
39)	1,2,4,5-Tetrac...	0.702	0.724	0.705	0.696	0.650	0.646	0.642	0.681	4.91
40) P	Hexachlorocycl...		0.140	0.222	0.268	0.271	0.285	0.304	0.248	23.94
41) S	2,4,6-Tribromo...	0.228	0.232	0.226	0.219	0.210	0.207	0.203	0.218	5.22
42) C	2,4,6-Trichlor...	0.362	0.398	0.426	0.421	0.406	0.418	0.417	0.407	5.42
43)	2,4,5-Trichlor...	0.498	0.480	0.481	0.477	0.454	0.443	0.443	0.468	4.55
44) S	2-Fluorobiphenyl	1.720	1.617	1.518	1.414	1.331	1.298	1.266	1.452	11.86
45)	1,1'-Biphenyl	1.982	1.931	1.872	1.774	1.687	1.652	1.610	1.787	8.11
46)	2-Chloronaphth...	1.450	1.432	1.390	1.344	1.278	1.241	1.235	1.339	6.68
47)	2-Nitroaniline	0.402	0.413	0.418	0.411	0.400	0.395	0.399	0.405	2.14
48)	Acenaphthylene	2.208	2.124	2.024	1.946	1.835	1.794	1.729	1.951	9.10
49)	Dimethylphthalate	1.595	1.552	1.492	1.444	1.398	1.385	1.401	1.467	5.60
50)	2,6-Dinitrotol...	0.315	0.329	0.330	0.324	0.313	0.310	0.305	0.318	3.06
51) C	Acenaphthene	1.338	1.244	1.178	1.136	1.080	1.061	1.061	1.157	9.04
52)	3-Nitroaniline	0.351	0.376	0.373	0.362	0.346	0.343	0.344	0.356	3.91
53) P	2,4-Dinitrophenol		0.082	0.095	0.107	0.111	0.119		0.103	14.08
54)	Dibenzofuran	2.046	1.905	1.812	1.698	1.615	1.549	1.514	1.734	11.30
55) P	4-Nitrophenol		0.145	0.192	0.204	0.204	0.206	0.219	0.195	13.27
56)	2,4-Dinitrotol...	0.415	0.420	0.422	0.402	0.385	0.373	0.361	0.397	6.11
57)	Fluorene	1.525	1.441	1.339	1.266	1.201	1.169	1.124	1.295	11.42
58)	2,3,4,6-Tetrac...	0.405	0.399	0.401	0.390	0.353	0.363	0.352	0.380	6.17
59)	Diethylphthalate	1.647	1.569	1.484	1.421	1.364	1.354	1.333	1.453	8.20
60)	4-Chlorophenyl...	0.798	0.784	0.712	0.660	0.628	0.612	0.588	0.683	12.25
61)	4-Nitroaniline	0.314	0.352	0.337	0.347	0.331	0.312	0.317	0.330	4.95
62)	Azobenzene	1.640	1.601	1.509	1.480	1.386	1.368	1.347	1.476	7.84
63) I	Phenanthrene-d10	-----ISTD-----								
64)	4,6-Dinitro-2-...		0.083	0.094	0.101	0.098	0.104	0.104	0.097	8.28
65) c	n-Nitrosodiphe...	0.753	0.724	0.699	0.670	0.642	0.642	0.615	0.678	7.31
66)	4-Bromophenyl-...	0.240	0.240	0.240	0.229	0.221	0.222	0.216	0.230	4.51
67)	Hexachlorobenzene	0.269	0.263	0.259	0.248	0.238	0.236	0.228	0.249	6.23
68)	Atrazine	0.226	0.227	0.219	0.212	0.200	0.203	0.194	0.212	6.21
69) C	Pentachlorophenol		0.115	0.140	0.145	0.143	0.146	0.151	0.140	9.02
70)	Phenanthrene	1.133	1.066	1.042	0.982	0.934	0.945	0.904	1.001	8.25
71)	Anthracene	1.128	1.136	1.076	1.021	0.973	0.975	0.933	1.035	7.73
72)	Carbazole	1.112	1.082	1.041	1.001	0.944	0.939	0.905	1.003	7.81
73)	Di-n-butylphth...	1.318	1.262	1.202	1.151	1.094	1.091	1.029	1.164	8.81
74) C	Fluoranthene	1.178	1.121	1.086	1.049	0.969	0.980	0.936	1.046	8.46
75) I	Chrysene-d12	-----ISTD-----								
76)	Benzidine	0.830	0.823	0.808	0.733	0.716	0.648	0.643	0.743	10.73
77)	Pyrene	1.507	1.482	1.462	1.460	1.425	1.451	1.471	1.465	1.74
78) S	Terphenyl-d14	1.176	1.093	1.026	0.998	0.978	0.979	0.984	1.033	7.24
79)	Butylbenzylphth...	0.608	0.620	0.638	0.649	0.637	0.647	0.648	0.635	2.47
80)	Benzo(a)anthra...	1.220	1.171	1.122	1.094	1.047	1.042	1.030	1.104	6.48
81)	3,3'-Dichlorob...	0.472	0.490	0.469	0.454	0.426	0.414	0.386	0.444	8.36
82)	Chrysene	1.246	1.183	1.175	1.172	1.130	1.119	1.091	1.159	4.41

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83)	Bis(2-ethylhex...	0.797	0.792	0.797	0.780	0.757	0.760	0.744	0.775	2.78
84) c	Di-n-octyl pht...	1.257	1.272	1.245	1.265	1.187	1.195	1.156	1.225	3.71
85)	Indeno(1,2,3-c...	0.904	0.788	0.737	0.794	0.806	0.846	0.933	0.830	8.32
86) I	Perylene-d12	-----ISTD-----								
87)	Benzo(b)fluora...	1.136	1.152	1.127	1.068	1.134	1.100	1.019	1.105	4.26
88)	Benzo(k)fluora...	1.203	1.146	1.188	1.169	1.028	1.018	1.021	1.110	7.56
89) C	Benzo(a)pyrene	1.052	1.045	1.024	0.998	0.974	0.968	0.959	1.003	3.77
90)	Dibenzo(a,h)an...	0.832	0.747	0.769	0.807	0.843	0.856	0.912	0.824	6.70
91)	Benzo(g,h,i)pe...	0.788	0.686	0.741	0.822	0.869	0.895	0.958	0.823	11.33

(#) = Out of Range