

Method Path : Z:\HPCHEM1\BNA_F\METHODS\
 Method File : 8270-BF061115.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Fri Jun 19 08:55:42 2015
 Response Via : Initial Calibration

Calibration Files

2.5 =BF079889.D 10 =BF079890.D 25 =BF079891.D 40 =BF079892.D 50 =BF079893.D 60 =BF079894.D 80 =BF079895.D

	Compound	2.5	10	25	40	50	60	80	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----								
2)	1,4-Dioxane	0.568	0.474	0.495	0.506	0.445	0.490	0.494	0.496	7.55
3)	Pyridine	1.296	1.155	1.138	1.188	1.253	1.261	1.610	1.272	12.60
4)	n-Nitrosodimet...	0.573	0.648	0.645	0.575	0.628	0.658	0.659	0.627	5.96
5) S	2-Fluorophenol	1.089	1.056	1.088	1.112	1.032	1.113	1.144	1.091	3.45
6)	Aniline	1.993	2.026	2.100	2.266	2.160	2.226	2.282	2.151	5.36
7) S	Phenol-d6	1.338	1.382	1.473	1.593	1.533	1.560	1.522	1.486	6.34
8)	2-Chlorophenol	1.283	1.307	1.320	1.389	1.279	1.357	1.345	1.326	3.02
9)	Benzaldehyde	0.911	0.932	0.926	0.803	0.842	0.809	0.756	0.854	8.12
10) C	Phenol	1.569	1.527	1.647	1.758	1.701	1.700	1.539	1.634	5.51
11)	bis(2-Chloroet...	1.296	1.334	1.352	1.420	1.303	1.296	1.204	1.315	5.01
12)	1,3-Dichlorobe...	1.519	1.577	1.544	1.607	1.461	1.543	1.575	1.546	3.06
13) C	1,4-Dichlorobe...	1.618	1.552	1.552	1.649	1.521	1.622	1.731	1.606	4.48
14)	1,2-Dichlorobe...	1.391	1.439	1.438	1.465	1.342	1.420	1.492	1.427	3.45
15)	Benzyl Alcohol	1.094	1.099	1.121	1.253	1.224	1.229	1.319	1.191	7.31
16)	2,2'-oxybis(1-...	1.956	1.941	1.921	2.040	1.864	1.943	1.969	1.948	2.72
17)	2-Methylphenol	1.115	1.092	1.161	1.216	1.162	1.190	1.171	1.158	3.67
18)	Hexachloroethane	0.417	0.489	0.502	0.517	0.486	0.530	0.540	0.497	8.20
19) P	n-Nitroso-di-n...	1.012	1.059	1.078	1.124	1.031	1.003	1.124	1.062	4.70
20)	3+4-Methylphenols	1.406	1.382	1.457	1.583	1.498	1.509	1.527	1.480	4.75
21) I	Naphthalene-d8	-----ISTD-----								
22)	Acetophenone	0.442	0.462	0.482	0.491	0.487	0.485	0.457	0.472	3.97
23) S	Nitrobenzene-d5	0.239	0.267	0.298	0.311	0.324	0.345	0.338	0.303	12.74
24)	Nitrobenzene	0.288	0.309	0.329	0.332	0.318	0.325	0.356	0.322	6.49
25)	Isophorone	0.714	0.723	0.714	0.735	0.702	0.689	0.660	0.705	3.49
26) C	2-Nitrophenol	0.079	0.081	0.099	0.105	0.115	0.118	0.100		16.65
27)	2,4-Dimethylph...	0.351	0.319	0.316	0.313	0.306	0.312	0.298	0.316	5.33
28)	bis(2-Chloroet...	0.404	0.389	0.411	0.431	0.423	0.432	0.442	0.419	4.38
29) C	2,4-Dichloroph...	0.238	0.252	0.259	0.266	0.274	0.274	0.290	0.265	6.44
30)	1,2,4-Trichlor...	0.341	0.331	0.332	0.337	0.328	0.337	0.350	0.337	2.21
31)	Naphthalene	1.156	1.125	1.107	1.113	1.056	1.079	1.017	1.093	4.24
32)	Benzoic acid		0.052	0.084	0.115	0.129	0.127	0.135	0.107	30.33
33)	4-Chloroaniline	0.407	0.442	0.426	0.441	0.431	0.417	0.406	0.424	3.51
34) C	Hexachlorobuta...	0.189	0.181	0.194	0.183	0.177	0.191	0.193	0.187	3.53
35)	Caprolactam	0.076	0.069	0.076	0.096	0.096	0.085	0.088	0.084	12.33
36) C	4-Chloro-3-met...	0.273	0.273	0.308	0.323	0.323	0.318	0.299	0.302	7.23
37)	2-Methylnaphth...	0.740	0.720	0.746	0.748	0.753	0.750	0.713	0.739	2.12

Method Path : Z:\HPCHEM1\BNA_F\METHODS\
 Method File : 8270-BF061115.M

38)	I	Acenaphthene-d10	-----ISTD-----								
39)		1,2,4,5-Tetrac...	0.658	0.667	0.690	0.663	0.647	0.684	0.680	0.670	2.32
40)	P	Hexachlorocycl...	0.084	0.152	0.211	0.233	0.242	0.257	0.300	0.211	34.15
41)	S	2,4,6-Tribromo...	0.124	0.156	0.181	0.207	0.205	0.204	0.198	0.182	17.34
42)	C	2,4,6-Trichlor...	0.338	0.379	0.413	0.433	0.431	0.436	0.458	0.413	9.97
43)		2,4,5-Trichlor...	0.417	0.441	0.470	0.479	0.449	0.477	0.455	0.456	4.85
44)	S	2-Fluorobiphenyl	1.515	1.573	1.519	1.372	1.298	1.379	1.342	1.428	7.39
45)		1,1'-Biphenyl	1.569	1.652	1.686	1.599	1.546	1.609	1.670	1.619	3.24
46)		2-Chloronaphth...	1.416	1.488	1.432	1.361	1.301	1.337	1.310	1.378	5.05
47)		2-Nitroaniline	0.179	0.198	0.237	0.278	0.285	0.297	0.321	0.256	20.64
48)		Acenaphthylene	2.342	2.433	2.383	2.345	2.265	2.294	2.222	2.326	3.09
49)		Dimethylphthalate	1.628	1.690	1.593	1.596	1.513	1.518	1.679	1.602	4.38
50)		2,6-Dinitrotol...	0.114	0.196	0.257	0.291	0.292	0.300	0.301	0.250	28.30
51)	C	Acenaphthene	1.319	1.361	1.345	1.313	1.281	1.312	1.324	1.322	1.94
52)		3-Nitroaniline	0.227	0.265	0.325	0.351	0.342	0.349	0.379	0.319	16.86
53)	P	2,4-Dinitrophenol		0.008	0.022	0.039	0.044	0.044	0.062	0.037#	51.60
54)		Dibenzofuran	1.957	2.005	1.939	1.949	1.863	1.870	1.940	1.932	2.58
55)	P	4-Nitrophenol	0.130	0.184	0.220	0.245	0.257	0.253		0.215	22.97
56)		2,4-Dinitrotol...	0.147	0.186	0.281	0.375	0.405	0.396	0.408	0.314	35.11
57)		Fluorene	1.664	1.663	1.752	1.762	1.695	1.689	1.562	1.684	3.96
58)		2,3,4,6-Tetrac...	0.259	0.314	0.334	0.378	0.376	0.381	0.375	0.345	13.36
59)		Diethylphthalate	1.635	1.595	1.677	1.669	1.541	1.575	1.522	1.602	3.79
60)		4-Chlorophenyl...	0.782	0.770	0.752	0.753	0.731	0.740	0.735	0.752	2.49
61)		4-Nitroaniline	0.203	0.245	0.330	0.381	0.367	0.362	0.395	0.326	22.54
62)		Azobenzene	1.442	1.617	1.491	1.581	1.521	1.537	1.603	1.542	4.10
63)	I	Phenanthrene-d10	-----ISTD-----								
64)		4,6-Dinitro-2-...	0.014	0.027	0.040	0.045	0.047	0.052	0.038		37.78
65)	c	n-Nitrosodiphe...	0.661	0.687	0.652	0.666	0.605	0.614	0.635	0.646	4.54
66)		4-Bromophenyl-...	0.233	0.232	0.213	0.234	0.220	0.225	0.211	0.224	4.25
67)		Hexachlorobenzene	0.242	0.253	0.248	0.257	0.226	0.238	0.248	0.244	4.23
68)		Atrazine	0.173	0.173	0.185	0.219	0.213	0.218	0.210	0.199	10.54
69)	C	Pentachlorophenol		0.063	0.081	0.099	0.099	0.112	0.118	0.095	21.43
70)		Phenanthrene	1.244	1.255	1.204	1.244	1.153	1.122	1.121	1.192	4.99
71)		Anthracene	1.152	1.157	1.186	1.197	1.134	1.154	1.095	1.153	2.92
72)		Carbazole	1.131	1.111	1.146	1.197	1.105	1.056	1.086	1.119	4.05
73)		Di-n-butylphth...	1.133	1.164	1.238	1.295	1.248	1.232	1.219	1.219	4.44
74)	C	Fluoranthene	1.454	1.240	1.311	1.400	1.297	1.255	1.268	1.318	6.07
75)	I	Chrysene-d12	-----ISTD-----								
76)		Benzidine	0.556	0.500	0.551	0.542	0.603	0.575	0.550	0.554	5.68
77)		Pyrene	1.389	1.273	1.281	1.219	1.183	1.209	1.240	1.256	5.41
78)	S	Terphenyl-d14	0.907	0.925	0.907	0.847	0.827	0.841	0.818	0.867	5.07
79)		Butylbenzylphth...	0.316	0.364	0.428	0.453	0.468	0.468	0.473	0.424	14.39
80)		Benzo(a)anthra...	1.678	1.246	1.214	1.214	1.170	1.187	1.180	1.270	14.30
81)		3,3'-Dichlorob...	0.404	0.381	0.395	0.420	0.408	0.412	0.422	0.406	3.54
82)		Chrysene	1.780	1.207	1.150	1.148	1.085	1.118	1.116	1.229	20.00

Method Path : Z:\HPCHEM1\BNA_F\METHODS\

Method File : 8270-BF061115.M

83)	Bis(2-ethylhex...	0.533	0.618	0.699	0.723	0.706	0.742	0.731	0.679	11.23
84) c	Di-n-octyl pht...	0.839	0.963	1.085	1.212	1.181	1.223	1.248	1.107	13.94
85)	Indeno(1,2,3-c...		1.476	1.317	1.302	1.268	1.311	1.306	1.330	5.54
86) I	Perylene-d12	-----ISTD-----								
87)	Benzo(b)fluora...		1.292	1.150	1.189	1.193	1.321	1.208	1.225	5.39
88)	Benzo(k)fluora...		1.286	1.314	1.312	1.224	1.105	1.257	1.250	6.29
89) C	Benzo(a)pyrene		1.211	1.179	1.169	1.126	1.148	1.160	1.165	2.47
90)	Dibenzo(a,h)an...		1.323	1.158	1.107	1.075	1.090	1.120	1.146	7.99
91)	Benzo(g,h,i)pe...		1.334	1.216	1.144	1.111	1.134	1.172	1.185	6.84

(#) = Out of Range