

Method Path : Z:\HPCHEM1\BNA_F\METHODS\
 Method File : 8270-BF120916.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Fri Dec 09 19:00:21 2016
 Response Via : Initial Calibration

Calibration Files

2.5 =BF091525.D 10 =BF091526.D 25 =BF091527.D 40 =BF091528.D 50 =BF091529.D 60 =BF091530.D 80 =BF091531.D

	Compound	2.5	10	25	40	50	60	80	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----								
2)	1,4-Dioxane	0.714	0.698	0.639	0.602	0.590	0.574	0.568	0.627	9.45
3)	Pyridine	1.489	1.670	1.810	1.731	1.721	1.667	1.598	1.669	6.18
4)	n-Nitrosodimet...	0.713	0.768	0.752	0.708	0.708	0.685	0.686	0.717	4.42
5) S	2-Fluorophenol	1.417	1.344	1.310	1.192	1.053	0.999	0.995	1.187	14.71
6)	Aniline	2.269	2.170	2.125	1.865	1.807	1.729	1.618	1.940	12.74
7) S	Phenol-d6	1.736	1.687	1.614	1.363	1.404	1.349	1.207	1.480	13.43
8)	2-Chlorophenol	1.573	1.524	1.428	1.353	1.243	1.139	1.119	1.340	13.45
9)	Benzaldehyde	1.175	1.151	1.017	0.907	0.843		1.018		14.34
10) C	Phenol	1.986	1.942	1.455	1.607	1.661		1.730		13.12
11)	bis(2-Chloroet...	1.534	1.519	1.308	1.324	1.201	1.083	1.130	1.300	13.66
12)	1,3-Dichlorobe...	1.769	1.639	1.443	1.339	1.348	1.338	1.296	1.453	12.45
13) C	1,4-Dichlorobe...	1.719	1.566	1.371	1.279	1.230		1.433		14.31
14)	1,2-Dichlorobe...	1.512	1.370	1.318	1.303	1.201	1.044	1.292		12.24
15)	Benzyl Alcohol	1.252	1.380	1.257	1.115	1.177	1.078	0.920	1.168	12.71
16)	2,2'-oxybis(1-...	2.216	2.155	2.120	2.044	1.987	1.880	1.699	2.014	8.85
17)	2-Methylphenol	1.304	1.287	1.089	1.102	1.066	0.972	0.941	1.109	12.69
18)	Hexachloroethane	0.611	0.591	0.581	0.551	0.549	0.527	0.506	0.559	6.57
19) P	n-Nitroso-di-n...	1.092	0.986	0.980	0.930	0.867	0.757	0.866	0.925	11.64
20)	3+4-Methylphenols	1.630	1.587	1.435	1.142	1.177	1.183	1.359		16.19
21) I	Naphthalene-d8	-----ISTD-----								
22)	Acetophenone	0.577	0.521	0.493	0.459	0.444	0.427	0.433	0.479	11.42
23) S	Nitrobenzene-d5	0.359	0.357	0.382	0.353	0.385	0.365	0.307	0.358	7.20
24)	Nitrobenzene	0.395	0.402	0.385	0.406	0.347	0.321	0.395	0.379	8.43
25)	Isophorone	0.646	0.638	0.666	0.628	0.642	0.630	0.609	0.637	2.74
26) C	2-Nitrophenol	0.142	0.158	0.161	0.178	0.187	0.181	0.162	0.167	9.33
27)	2,4-Dimethylph...	0.293	0.324	0.295	0.273	0.307	0.297	0.266	0.293	6.65
28)	bis(2-Chloroet...	0.413	0.383	0.367	0.386	0.390	0.360	0.317	0.374	8.07
29) C	2,4-Dichloroph...	0.252	0.260	0.274	0.271	0.257	0.237	0.237	0.255	5.84
30)	1,2,4-Trichlor...	0.332	0.322	0.309	0.278	0.271	0.262	0.259	0.290	10.31
31)	Naphthalene	1.067	1.068	1.013	0.890	0.838	0.815	0.823	0.931	12.38
32)	Benzoic acid		0.136	0.182	0.196	0.225	0.209	0.221	0.195	16.82
33)	4-Chloroaniline	0.439	0.424	0.401	0.385	0.411	0.394	0.353	0.401	6.95
34) C	Hexachlorobuta...	0.169	0.175	0.181	0.169	0.165	0.158	0.147	0.166	6.63
35)	Caprolactam	0.061	0.076	0.083	0.070	0.075	0.080	0.078	0.075	9.79
36) C	4-Chloro-3-met...	0.307	0.296	0.297	0.296	0.263	0.258	0.287	0.286	6.44
37)	2-Methylnaphth...	0.688	0.623	0.601	0.580	0.606	0.579	0.538	0.602	7.74

Method Path : Z:\HPCHEM1\BNA_F\METHODS\
 Method File : 8270-BF120916.M

38) I	Acenaphthene-d10	-----ISTD-----									
39)	1,2,4,5-Tetrac...	0.606	0.628	0.567	0.498	0.444			0.549	13.99	
40) P	Hexachlorocycl...	0.201	0.272	0.266	0.248	0.239	0.243	0.242	0.245	9.40	
41) S	2,4,6-Tribromo...	0.173	0.196	0.173	0.161	0.162	0.162	0.135	0.166	11.08	
42) C	2,4,6-Trichlor...	0.332	0.385	0.389	0.374	0.342	0.334	0.311	0.352	8.59	
43)	2,4,5-Trichlor...	0.386	0.431	0.394	0.336	0.334	0.340	0.314	0.362	11.65	
44) S	2-Fluorobiphenyl		1.450	1.131	1.116	1.072	1.019		1.157	14.64	
45)	1,1'-Biphenyl		1.804	1.624	1.346	1.281	1.318	1.319	1.449	14.78	
46)	2-Chloronaphth...	1.288	1.355	1.201	1.037	0.964	1.007	1.000	1.122	14.01	
47)	2-Nitroaniline	0.348	0.425	0.356	0.389	0.404	0.394	0.324	0.377	9.43	
48)	Acenaphthylene		2.135	1.772	1.631	1.644	1.648	1.430	1.710	13.77	
49)	Dimethylphthalate	1.403	1.519	1.301	1.297	1.108	1.076	1.162	1.266	12.76	
50)	2,6-Dinitrotol...	0.297	0.307	0.291	0.292	0.248	0.238	0.274	0.278	9.32	
51) C	Acenaphthene	1.408	1.387	1.151	1.127	1.144	1.120	0.978	1.188	13.03	
52)	3-Nitroaniline	0.313	0.385	0.328	0.348	0.336	0.292	0.284	0.327	10.52	
53) P	2,4-Dinitrophenol	0.025	0.075	0.119	0.117	0.138	0.145		0.103	44.21	
54)	Dibenzofuran		1.867	1.523	1.412	1.411	1.387	1.216	1.469	14.85	
55) P	4-Nitrophenol	0.206	0.268	0.237	0.283	0.240	0.208	0.258	0.243	11.95	
56)	2,4-Dinitrotol...	0.328	0.399	0.366	0.384	0.309	0.308	0.344	0.348	10.31	
57)	Fluorene		1.496	1.195	0.992	1.025	1.052	0.999	1.127	17.38	
58)	2,3,4,6-Tetrac...	0.290	0.313	0.315	0.298	0.275	0.263	0.230	0.284	10.61	
59)	Diethylphthalate		1.441	1.355	1.266	1.148	1.090	1.016	1.219	13.38	
60)	4-Chlorophenyl...		0.615	0.582	0.513	0.482	0.450		0.528	13.02	
61)	4-Nitroaniline	0.308	0.364	0.356	0.300	0.330	0.319	0.295	0.324	8.32	
62)	Azobenzene	1.521	1.439	1.464	1.438	1.378	1.293	1.139	1.382	9.33	
63) I	Phenanthrene-d10	-----ISTD-----									
64)	4,6-Dinitro-2-...	0.038	0.078	0.114	0.111	0.132	0.120		0.099	35.41	
65) c	n-Nitrosodiphe...	0.619	0.664	0.631	0.547	0.565	0.599	0.550	0.596	7.44	
66)	4-Bromophenyl-...	0.223	0.214	0.198	0.202	0.205	0.205	0.187	0.205	5.65	
67)	Hexachlorobenzene	0.248	0.243	0.219	0.199	0.194	0.193	0.197	0.213	11.13	
68)	Atrazine	0.201	0.222	0.185	0.192	0.204	0.188	0.150	0.192	11.62	
69) C	Pentachlorophenol		0.111	0.127	0.124	0.125	0.120	0.113	0.120	5.43	
70)	Phenanthrene		1.195	1.109	0.942	0.897	0.879	0.920	0.990	13.09	
71)	Anthracene	1.330	1.181	1.040	1.046	1.057	0.993	0.830	1.068	14.55	
72)	Carbazole	1.072	1.098	1.002	0.846	0.847	0.808	0.883	0.936	12.65	
73)	Di-n-butylphth...	1.089	1.157	1.172	1.128	1.115	1.051	0.926	1.091	7.62	
74) C	Fluoranthene	1.202	1.166	1.083	1.052	1.013	0.931	0.812	1.037	12.97	
75) I	Chrysene-d12	-----ISTD-----									
76)	Benzidine	0.669	0.608	0.624	0.637	0.654	0.608	0.528	0.618	7.38	
77)	Pyrene	1.554	1.514	1.449	1.647	1.715	1.713	1.515	1.587	6.63	
78) S	Terphenyl-d14	0.964	0.881	0.829	0.914	0.920	0.887	0.775	0.881	7.12	
79)	Butylbenzylphth...	0.470	0.589	0.609	0.633	0.673	0.689	0.667	0.619	12.05	
80)	Benzo(a)anthra...	1.193	1.241	1.163	1.147	1.158	1.139	1.089	1.162	4.04	
81)	3,3'-Dichlorob...	0.398	0.435	0.414	0.413	0.432	0.415	0.413	0.417	3.02	
82)	Chrysene	1.309	1.154	1.090	1.238	1.309	1.270	1.136	1.215	7.25	

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

Method File : 8270-BF120916.M

83)	Bis(2-ethylhex...	0.638	0.767	0.790	0.820	0.869	0.860	0.811	0.794	9.74
84) c	Di-n-octyl pht...	1.038	1.272	1.398	1.463	1.480	1.434	1.344	1.347	11.46
85)	Indeno(1,2,3-c...	0.926	0.974	1.075	1.108	1.170	1.180	1.221	1.094	10.05
86) I	Perylene-d12	-----ISTD-----								
87)	Benzo(b)fluora...	1.256	1.204	1.390	1.208	1.150	1.122	1.016	1.192	9.78
88)	Benzo(k)fluora...	1.248	1.256	0.926	0.926	1.009	0.965	1.009	1.048	13.66
89) C	Benzo(a)pyrene	1.152	1.151	1.130	1.054	1.035	0.991	1.005	1.074	6.45
90)	Dibenzo(a,h)an...	1.000	0.985	0.984	0.928	0.942	0.939	0.956	0.962	2.88
91)	Benzo(g,h,i)pe...	0.982	0.963	0.988	0.932	0.975	0.992	1.023	0.979	2.83

(#) = Out of Range