

Method Path : Z:\HPCHEM1\BNA_F\METHODS\
 Method File : 8270-BF120815.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Wed Dec 09 00:23:35 2015
 Response Via : Initial Calibration

Calibration Files

2.5 =BF083594.D 10 =BF083595.D 25 =BF083596.D 40 =BF083597.D 50 =BF083598.D 60 =BF083599.D 80 =BF083600.D

Compound		2.5	10	25	40	50	60	80	Avg	%RSD

1) I	1,4-Dichlorobenzen...	-----ISTD-----								
2)	1,4-Dioxane	0.746	0.701	0.625	0.636	0.592	0.609	0.651	9.12	
3)	Pyridine	1.309	1.495	1.568	1.806	1.633	1.685	1.583	10.80	
4)	n-Nitrosodimet...	0.699	0.734	0.862	0.894	0.894	0.883	0.868	0.833	9.78
5) S	2-Fluorophenol	1.265	1.269	1.388	1.384	1.397	1.268	1.258	1.319	5.07
6)	Aniline	1.687	2.160	2.297	2.334	2.337	2.173	2.211	2.171	10.40
7) S	Phenol-d6	1.755	1.714	1.859	1.832	1.812	1.678	1.683	1.762	4.17
8)	2-Chlorophenol	1.411	1.472	1.503	1.479	1.479	1.374	1.378	1.442	3.70
9)	Benzaldehyde	1.095	1.085	1.046	0.967	0.911	0.782	0.667	0.936	17.28
10) C	Phenol	1.942	2.153	2.205	2.248	2.235	2.075	2.080	2.134	5.13
11)	bis(2-Chloroet...	1.594	1.643	1.497	1.616	1.664	1.513	1.463	1.570	4.99
12)	1,3-Dichlorobe...	1.568	1.683	1.626	1.651	1.646	1.528	1.549	1.607	3.66
13) C	1,4-Dichlorobe...	1.677	1.712	1.683	1.664	1.697	1.540	1.570	1.649	4.04
14)	1,2-Dichlorobe...	1.552	1.573	1.595	1.569	1.580	1.433	1.411	1.530	4.93
15)	Benzyl Alcohol	0.947	1.209	1.336	1.351	1.367	1.274	1.292	1.254	11.62
16)	2,2'-oxybis(1-...	2.944	2.992	2.947	2.991	2.973	2.736	2.741	2.903	3.94
17)	2-Methylphenol	1.041	1.229	1.208	1.229	1.219	1.131	1.156	1.173	5.92
18)	Hexachloroethane	0.562	0.588	0.601	0.600	0.605	0.562	0.558	0.582	3.63
19) P	n-Nitroso-di-n...	1.234	1.236	1.246	1.241	1.262	1.182	1.208	1.230	2.17
20)	3+4-Methylphenols	1.468	1.668	1.559	1.548	1.572	1.476	1.523	1.545	4.37
21) I	Naphthalene-d8	-----ISTD-----								
22)	Acetophenone	0.554	0.534	0.562	0.573	0.587	0.558	0.559	0.561	2.93
23) S	Nitrobenzene-d5	0.403	0.444	0.442	0.428	0.442	0.420	0.423	0.429	3.48
24)	Nitrobenzene	0.501	0.478	0.482	0.465	0.485	0.448	0.458	0.474	3.82
25)	Isophorone	0.820	0.826	0.847	0.833	0.851	0.819	0.826	0.832	1.55
26) C	2-Nitrophenol	0.161	0.183	0.196	0.197	0.200	0.193	0.187	0.188	7.13
27)	2,4-Dimethylph...	0.323	0.324	0.342	0.331	0.341	0.327	0.315	0.329	2.95
28)	bis(2-Chloroet...	0.446	0.465	0.480	0.468	0.471	0.446	0.457	0.462	2.79
29) C	2,4-Dichloroph...	0.268	0.299	0.308	0.307	0.315	0.302	0.295	0.299	5.06
30)	1,2,4-Trichlor...	0.337	0.340	0.336	0.331	0.336	0.319	0.316	0.331	2.83
31)	Naphthalene	1.097	1.108	1.089	1.039	1.072	1.022	0.987	1.059	4.19
32)	Benzoic acid	0.110	0.155	0.190	0.197	0.213	0.211	0.221	0.185	21.35
33)	4-Chloroaniline	0.362	0.371	0.400	0.398	0.406	0.385	0.383	0.386	4.16
34) C	Hexachlorobuta...	0.188	0.197	0.200	0.193	0.197	0.190	0.186	0.193	2.72
35)	Caprolactam	0.066	0.089	0.095	0.094	0.098	0.093	0.094	0.090	12.08
36) C	4-Chloro-3-met...	0.321	0.331	0.338	0.343	0.350	0.335	0.336	0.336	2.78
37)	2-Methylnaphth...	0.737	0.688	0.678	0.657	0.663	0.631	0.604	0.665	6.35

Method Path : Z:\HPCHEM1\BNA_F\METHODS\
 Method File : 8270-BF120815.M

38) I	Acenaphthene-d10	-----ISTD-----								
39)	1,2,4,5-Tetrac...	0.660	0.685	0.671	0.666	0.674	0.629	0.610	0.657	4.09
40) P	Hexachlorocycl...		0.007	0.046	0.087	0.110	0.124	0.160	0.089	62.32
41) S	2,4,6-Tribromo...	0.155	0.182	0.187	0.184	0.185	0.178	0.176	0.178	6.18
42) C	2,4,6-Trichlor...	0.355	0.404	0.398	0.405	0.408	0.383	0.382	0.391	4.85
43)	2,4,5-Trichlor...	0.355	0.369	0.392	0.406	0.411	0.395	0.380	0.387	5.22
44) S	2-Fluorobiphenyl	1.552	1.544	1.476	1.391	1.398	1.340	1.245	1.421	7.82
45)	1,1'-Biphenyl	1.856	1.826	1.806	1.739	1.748	1.627	1.567	1.738	6.13
46)	2-Chloronaphth...	1.367	1.371	1.361	1.322	1.320	1.256	1.190	1.312	5.11
47)	2-Nitroaniline	0.429	0.479	0.485	0.486	0.493	0.473	0.469	0.473	4.48
48)	Acenaphthylene	2.221	2.298	2.240	2.154	2.201	2.061	1.975	2.164	5.15
49)	Dimethylphthalate	1.629	1.635	1.598	1.584	1.625	1.536	1.537	1.592	2.63
50)	2,6-Dinitrotol...	0.309	0.332	0.337	0.337	0.339	0.327	0.318	0.329	3.39
51) C	Acenaphthene	1.312	1.295	1.262	1.239	1.257	1.181	1.128	1.239	5.20
52)	3-Nitroaniline	0.303	0.346	0.359	0.370	0.375	0.347	0.346	0.349	6.80
53) P	2,4-Dinitrophenol		0.081	0.131	0.148	0.160	0.159	0.162	0.140	22.24
54)	Dibenzofuran	1.791	1.780	1.760	1.742	1.714	1.641	1.598	1.718	4.24
55) P	4-Nitrophenol		0.121	0.149	0.156	0.157	0.168	0.172	0.154	11.69
56)	2,4-Dinitrotol...	0.353	0.432	0.462	0.464	0.467	0.434	0.440	0.436	9.06
57)	Fluorene	1.595	1.604	1.554	1.483	1.506	1.419	1.334	1.500	6.51
58)	2,3,4,6-Tetrac...	0.165	0.275	0.312	0.315	0.323	0.300	0.315	0.286	19.56
59)	Diethylphthalate	1.589	1.577	1.575	1.529	1.581	1.496	1.488	1.548	2.76
60)	4-Chlorophenyl...	0.710	0.752	0.729	0.727	0.733	0.690	0.656	0.714	4.49
61)	4-Nitroaniline	0.223	0.325	0.338	0.340	0.337	0.327	0.331	0.317	13.24
62)	Azobenzene	1.665	1.605	1.824	1.746	1.777	1.680	1.628	1.704	4.74
63) I	Phenanthrene-d10	-----ISTD-----								
64)	4,6-Dinitro-2-...	0.057	0.106	0.126	0.136	0.141	0.135	0.138	0.120	25.23
65) c	n-Nitrosodiphe...	0.679	0.692	0.663	0.662	0.664	0.637	0.625	0.660	3.48
66)	4-Bromophenyl-...	0.223	0.226	0.226	0.225	0.230	0.220	0.211	0.223	2.82
67)	Hexachlorobenzene	0.242	0.247	0.238	0.236	0.241	0.229	0.223	0.237	3.39
68)	Atrazine	0.197	0.215	0.201	0.205	0.199	0.182	0.176	0.196	6.65
69) C	Pentachlorophenol		0.023	0.045	0.053	0.063	0.063	0.064	0.052	30.85#
70)	Phenanthrene	1.242	1.231	1.156	1.138	1.147	1.096	1.034	1.149	6.30
71)	Anthracene	1.248	1.275	1.221	1.186	1.203	1.111	1.091	1.190	5.71
72)	Carbazole	1.039	1.094	1.041	1.016	1.051	0.964	0.940	1.021	5.16
73)	Di-n-butylphth...	1.248	1.334	1.326	1.306	1.313	1.252	1.209	1.284	3.70
74) C	Fluoranthene	1.208	1.268	1.210	1.175	1.180	1.112	1.075	1.176	5.49
75) I	Chrysene-d12	-----ISTD-----								
76)	Benzidine	0.584	0.680	0.709	0.665	0.641	0.562	0.514	0.622	11.36
77)	Pyrene	1.449	1.433	1.473	1.451	1.455	1.368	1.450	1.440	2.37
78) S	Terphenyl-d14	0.894	0.878	0.869	0.832	0.847	0.812	0.818	0.850	3.68
79)	Butylbenzylphth...	0.542	0.601	0.648	0.657	0.685	0.657	0.683	0.639	7.98
80)	Benzo(a)anthra...	1.273	1.176	1.191	1.155	1.157	1.084	1.157	1.171	4.82
81)	3,3'-Dichlorob...	0.379	0.410	0.428	0.412	0.400	0.369	0.369	0.395	5.88
82)	Chrysene	1.260	1.218	1.198	1.169	1.167	1.097	1.105	1.174	5.01

Method Path : Z:\HPCHEM1\BNA_F\METHODS\
Method File : 8270-BF120815.M

83)	Bis(2-ethylhex...	0.801	0.845	0.903	0.926	0.932	0.892	0.910	0.887	5.36
84) c	Di-n-octyl pht...	1.227	1.338	1.409	1.382	1.412	1.327	1.392	1.355	4.82
85)	Indeno(1,2,3-c...	0.876	0.839	0.810	0.749	0.768	0.719	0.783	0.792	6.79
86) I	Perylene-d12	-----ISTD-----								
87)	Benzo(b)fluora...	1.076	1.174	1.101	1.118	1.118	1.083	1.302	1.139	6.92
88)	Benzo(k)fluora...	1.459	1.250	1.264	1.289	1.317	1.241	0.964	1.255	11.81
89) C	Benzo(a)pyrene	1.275	1.151	1.065	1.092	1.086	1.066	1.044	1.111	7.19
90)	Dibenzo(a,h)an...	0.850	0.842	0.821	0.812	0.873	0.869	0.881	0.850	3.13
91)	Benzo(g,h,i)pe...	0.864	0.797	0.772	0.784	0.840	0.859	0.883	0.828	5.27

(#) = Out of Range