

Method Path : Z:\HPCHEM1\BNA_F\METHODS\
 Method File : 8270-BF123015.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Thu Dec 31 04:29:55 2015
 Response Via : Initial Calibration

Calibration Files

2.5 =BF084164.D 10 =BF084165.D 25 =BF084166.D 40 =BF084167.D 50 =BF084168.D 60 =BF084169.D 80 =BF084170.D

	Compound	2.5	10	25	40	50	60	80	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----								
2)	1,4-Dioxane	0.638	0.596	0.592	0.616	0.590	0.598	0.555	0.598	4.28
3)	Pyridine	1.538	1.551	1.700	1.766	1.607	1.727	1.604	1.642	5.41
4)	n-Nitrosodimet...	0.739	0.780	0.783	0.849	0.853	0.859	0.850	0.816	5.84
5) S	2-Fluorophenol	1.541	1.283	1.210	1.313	1.212	1.097	1.073	1.247	12.57
6)	Aniline	2.664	2.365	2.244	2.341	2.213	2.258	2.062	2.307	8.06
7) S	Phenol-d6	1.896	1.687	1.683	1.555	1.568	1.492	1.420	1.614	9.71
8)	2-Chlorophenol	1.645	1.458	1.508	1.382	1.303	1.381	1.259	1.419	9.19
9)	Benzaldehyde	1.462	1.229	1.095	0.960	0.919	0.878	0.709	1.036	24.09
10) C	Phenol	2.193	1.999	2.121	1.657	1.929	1.846	1.647	1.913	11.10
11)	bis(2-Chloroet...	1.620	1.329	1.527	1.298	1.242	1.429	1.194	1.377	11.27
12)	1,3-Dichlorobe...	1.757	1.592	1.544	1.426	1.352	1.334	1.258	1.466	11.88
13) C	1,4-Dichlorobe...	1.695	1.464	1.551	1.540	1.444	1.376	1.188	1.465	10.83
14)	1,2-Dichlorobe...	1.843	1.545	1.424	1.267	1.252	1.294	1.204	1.404	16.11
15)	Benzyl Alcohol	1.556	1.431	1.255	1.429	1.351	1.204	1.205	1.347	9.91
16)	2,2'-oxybis(1-...	3.213	2.733	2.570	2.442	2.322	2.353	2.245	2.554	13.06
17)	2-Methylphenol	1.347	1.129	1.240	1.155	1.147	1.192	1.053	1.180	7.88
18)	Hexachloroethane	0.617	0.567	0.573	0.580	0.574	0.591	0.545	0.578	3.86
19) P	n-Nitroso-di-n...	1.200	1.145	1.014	1.018	1.004	1.072	0.987	1.063	7.60
20)	3+4-Methylphenols	1.715	1.618	1.430	1.502	1.271	1.282	1.161	1.426	14.06
21) I	Naphthalene-d8	-----ISTD-----								
22)	Acetophenone	0.585	0.515	0.493	0.470	0.478	0.457	0.417	0.488	10.74
23) S	Nitrobenzene-d5	0.325	0.338	0.335	0.361	0.323	0.342	0.345	0.338	3.79
24)	Nitrobenzene	0.336	0.336	0.371	0.345	0.380	0.377	0.295	0.349	8.67
25)	Isophorone	0.779	0.706	0.651	0.698	0.654	0.670	0.667	0.689	6.46
26) C	2-Nitrophenol	0.102	0.127	0.157	0.158	0.147	0.156	0.178	0.147	16.89
27)	2,4-Dimethylph...	0.354	0.329	0.336	0.298	0.309	0.348	0.292	0.324	7.55
28)	bis(2-Chloroet...	0.467	0.437	0.456	0.382	0.366	0.419	0.396	0.418	9.11
29) C	2,4-Dichloroph...	0.296	0.269	0.289	0.284	0.258	0.260	0.273	0.276	5.26
30)	1,2,4-Trichlor...	0.338	0.292	0.300	0.301	0.282	0.280	0.252	0.292	8.95
31)	Naphthalene	1.110	0.971	0.983	0.937	0.839	0.796	0.759	0.914	13.45
32)	Benzoic acid	0.121	0.159	0.205	0.234	0.232	0.266	0.250	0.209	24.96
33)	4-Chloroaniline	0.495	0.421	0.448	0.436	0.381	0.364	0.376	0.417	11.27
34) C	Hexachlorobuta...	0.187	0.160	0.163	0.168	0.163	0.166	0.159	0.167	5.68
35)	Caprolactam	0.102	0.095	0.086	0.099	0.098	0.091	0.099	0.095	5.70
36) C	4-Chloro-3-met...	0.331	0.320	0.308	0.335	0.315	0.283	0.319	0.316	5.46
37)	2-Methylnaphth...	0.843	0.690	0.623	0.604	0.584	0.611	0.574	0.647	14.56

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38)	I	Acenaphthene-d10	-----ISTD-----								
39)		1,2,4,5-Tetrac...	0.672	0.589	0.639	0.599	0.536	0.493	0.445	0.568	14.20
40)	P	Hexachlorocycl...	0.372	0.366	0.391	0.368	0.336	0.347	0.338	0.360	5.62
41)	S	2,4,6-Tribromo...	0.217	0.221	0.205	0.199	0.195	0.200	0.161	0.200	9.77
42)	C	2,4,6-Trichlor...	0.476	0.448	0.440	0.408	0.389	0.411	0.369	0.420	8.73
43)		2,4,5-Trichlor...	0.469	0.461	0.408	0.418	0.396	0.414	0.367	0.419	8.54
44)	S	2-Fluorobiphenyl	1.764	1.497	1.213	1.152	1.114	1.112	0.884	1.248	23.30
45)		1,1'-Biphenyl		1.889	1.867	1.523	1.352	1.411	1.443	1.581	14.98
46)		2-Chloronaphth...	1.483	1.327	1.360	1.160	1.051	1.102	1.088	1.225	13.48
47)		2-Nitroaniline		0.306	0.429	0.396	0.349	0.371	0.438	0.382	13.10
48)		Acenaphthylene	2.549	2.275	1.970	1.925	1.815	1.786		2.053	14.55
49)		Dimethylphthalate	1.638	1.590	1.455	1.498	1.349	1.205	1.323	1.437	10.72
50)		2,6-Dinitrotol...	0.189	0.297	0.300	0.328	0.327	0.299	0.280	0.289	16.32
51)	C	Acenaphthene	1.686	1.443	1.230	1.287	1.261	1.216	1.038	1.309	15.64
52)		3-Nitroaniline	0.331	0.346	0.414	0.344	0.342	0.413	0.322	0.359	10.65
53)	P	2,4-Dinitrophenol	0.042	0.072	0.095	0.142	0.133	0.129	0.169	0.112	39.65
54)		Dibenzofuran	2.373	1.972	1.712	1.766	1.644	1.593	1.233	1.756	20.02
55)	P	4-Nitrophenol	0.209	0.289	0.275	0.318	0.259	0.329	0.258	0.277	14.68
56)		2,4-Dinitrotol...	0.230	0.333	0.394	0.423	0.430	0.389	0.417	0.374	19.09
57)		Fluorene	1.847	1.531	1.283	1.247	1.201	1.228	0.984	1.331	20.88
58)		2,3,4,6-Tetrac...	0.420	0.412	0.361	0.347	0.345	0.365	0.303	0.365	11.11
59)		Diethylphthalate	1.924	1.675	1.558	1.497	1.322	1.292	1.270	1.505	15.85
60)		4-Chlorophenyl...	0.817	0.678	0.651	0.596	0.522	0.488	0.471	0.603	20.43
61)		4-Nitroaniline	0.274	0.318	0.356	0.386	0.318	0.352	0.341	0.335	10.65
62)		Azobenzene	1.835	1.530	1.752	1.677	1.471	1.415	1.340	1.574	11.69
63)	I	Phenanthrene-d10	-----ISTD-----								
64)		4,6-Dinitro-2-...	0.033	0.063	0.084	0.108	0.098	0.124	0.097	0.087	35.00
65)	c	n-Nitrosodiphe...	0.728	0.647	0.689	0.607	0.612	0.637	0.517	0.634	10.55
66)		4-Bromophenyl-...	0.237	0.217	0.227	0.233	0.214	0.200	0.175	0.215	10.01
67)		Hexachlorobenzene	0.265	0.244	0.235	0.224	0.214	0.231	0.218	0.233	7.55
68)		Atrazine	0.237	0.210	0.220	0.203	0.215	0.218	0.162	0.209	11.07
69)	C	Pentachlorophenol	0.123	0.137	0.144	0.164	0.149	0.148	0.129	0.142	9.58
70)		Phenanthrene	1.497	1.228	1.075	1.093	1.045	1.041	0.805	1.112	18.96
71)		Anthracene		1.172	1.205	1.057	0.918	0.910	0.945	1.035	12.64
72)		Carbazole	1.200	1.093	1.049	0.915	0.852	0.948	0.835	0.985	13.67
73)		Di-n-butylphth...	1.494	1.321	1.287	1.168	1.033	0.975	0.924	1.172	17.73
74)	C	Fluoranthene	1.388	1.222	1.147	1.007	0.926	0.953	0.943	1.084	16.12
75)	I	Chrysene-d12	-----ISTD-----								
76)		Benzidine	0.910	0.802	0.841	0.807	0.752	0.730	0.634	0.782	11.25
77)		Pyrene	1.633	1.448	1.453	1.433	1.425	1.566	1.626	1.512	6.16
78)	S	Terphenyl-d14	0.976	0.854	0.818	0.777	0.790	0.873	0.855	0.849	7.80
79)		Butylbenzylpht...	0.606	0.591	0.662	0.695	0.675	0.681	0.694	0.658	6.40
80)		Benzo(a)anthra...	1.331	1.136	1.108	1.156	1.080	1.105	1.166	1.155	7.24
81)		3,3'-Dichlorob...	0.441	0.402	0.451	0.461	0.415	0.401	0.480	0.436	7.02
82)		Chrysene	1.254	1.095	1.068	0.946	0.909	1.055	1.120	1.064	10.73

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83)	Bis(2-ethylhex...	0.890	0.770	0.772	0.759	0.747	0.780	0.895	0.802	7.84
84) c	Di-n-octyl pht...	1.294	1.230	1.241	1.314	1.277	1.324	1.373	1.293	3.82
85)	Indeno(1,2,3-c...	0.808	0.718	0.779	0.884	0.940	1.017	1.046	0.884	13.93
86) I	Perylene-d12	-----ISTD-----								
87)	Benzo(b)fluora...	1.445	1.283	1.210	1.486	1.319	1.264	1.122	1.304	9.76
88)	Benzo(k)fluora...	1.287	1.209	1.240	0.936	0.912	0.971	1.060	1.088	14.35
89) C	Benzo(a)pyrene	1.196	1.147	1.142	1.149	1.103	1.103	1.008	1.121	5.28
90)	Dibenzo(a,h)an...	0.824	0.793	0.907	0.981	0.976	1.012	0.904	0.914	9.02
91)	Benzo(g,h,i)pe...	0.854	0.779	0.908	1.024	1.026	1.048	0.978	0.945	10.71

(#) = Out of Range