

Method Path : Z:\HPCHEM1\BNA_F\METHODS\
 Method File : 8270-BF043015.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Fri May 15 01:57:52 2015
 Response Via : Initial Calibration

Calibration Files

80 =BF078850.D 60 =BF078851.D 50 =BF078852.D 40 =BF078853.D 25 =BF078854.D 10 =BF078855.D 2.5 =BF078856.D

Compound		80	60	50	40	25	10	2.5	Avg	%RSD

1) I	1,4-Dichlorobenzen...	-----ISTD-----								
2)	1,4-Dioxane	0.537	0.510	0.506	0.502	0.497	0.479	0.505	3.79	
3)	Pyridine	1.495	1.546	1.548	1.392	1.422	1.468	1.478	4.33	
4)	n-Nitrosodimet...	0.718	0.655	0.660	0.615	0.580	0.571	0.633	8.75	
5) S	2-Fluorophenol	1.189	1.114	1.163	1.130	1.146	1.240	1.152	1.162	3.61
6)	Aniline	2.224	2.074	2.117	2.129	2.187	2.289	2.154	2.168	3.33
7) S	Phenol-d6	1.581	1.523	1.499	1.435	1.544	1.673	1.495	1.536	4.93
8)	2-Chlorophenol	1.381	1.287	1.288	1.218	1.299	1.402	1.349	1.318	4.82
9)	Benzaldehyde	0.915	0.973	1.003	0.995	1.064	1.130	1.164	1.035	8.60
10) C	Phenol	1.722	1.820	1.831	1.744	1.704	1.869	1.781	1.782	3.46
11)	bis(2-Chloroet...	1.415	1.260	1.269	1.200	1.269	1.373	1.357	1.306	5.86
12)	1,3-Dichlorobe...	1.541	1.403	1.404	1.376	1.445	1.564	1.637	1.481	6.70
13) C	1,4-Dichlorobe...	1.545	1.454	1.453	1.437	1.491	1.649	1.642	1.524	5.92
14)	1,2-Dichlorobe...	1.411	1.326	1.391	1.353	1.433	1.542	1.478	1.419	5.20
15)	Benzyl Alcohol	1.248	1.134	1.117	1.074	1.118	1.179	1.110	1.140	5.01
16)	2,2'-oxybis(1-...	2.044	1.907	1.904	1.865	1.994	2.118	2.156	1.998	5.64
17)	2-Methylphenol	1.148	1.058	1.073	0.999	1.019	1.091	1.036	1.060	4.69
18)	Hexachloroethane	0.548	0.508	0.513	0.513	0.515	0.561	0.517	0.525	3.98
19) P	n-Nitroso-di-n...	1.058	0.976	1.057	1.033	1.044	1.044	1.048	1.037	2.73
20)	3+4-Methylphenols	1.478	1.417	1.404	1.370	1.430	1.453	1.340	1.413	3.35
21) I	Naphthalene-d8	-----ISTD-----								
22)	Acetophenone	0.460	0.415	0.417	0.421	0.467	0.495	0.488	0.452	7.55
23) S	Nitrobenzene-d5	0.361	0.352	0.340	0.332	0.346	0.372	0.333	0.348	4.23
24)	Nitrobenzene	0.373	0.339	0.332	0.317	0.344	0.386	0.324	0.345	7.34
25)	Isophorone	0.669	0.643	0.640	0.620	0.636	0.674	0.635	0.645	3.00
26) C	2-Nitrophenol	0.167	0.156	0.152	0.144	0.144	0.137	0.100	0.143	14.85
27)	2,4-Dimethylph...	0.312	0.290	0.285	0.280	0.283	0.283	0.267	0.286	4.82
28)	bis(2-Chloroet...	0.400	0.401	0.391	0.392	0.406	0.417	0.378	0.398	3.18
29) C	2,4-Dichloroph...	0.285	0.251	0.246	0.244	0.257	0.264	0.232	0.254	6.68
30)	1,2,4-Trichlor...	0.284	0.268	0.266	0.266	0.278	0.301	0.291	0.279	4.90
31)	Naphthalene	0.968	0.892	0.896	0.893	0.939	1.037	1.046	0.953	7.00
32)	Benzoic acid	0.196	0.175	0.181	0.171	0.142	0.120	0.164		17.00
33)	4-Chloroaniline	0.440	0.388	0.389	0.375	0.400	0.433	0.397	0.403	5.98
34) C	Hexachlorobuta...	0.165	0.152	0.152	0.150	0.163	0.167	0.176	0.161	6.01
35)	Caprolactam	0.086	0.080	0.086	0.080	0.080	0.079		0.082	3.95
36) C	4-Chloro-3-met...	0.282	0.275	0.276	0.273	0.270	0.266	0.226	0.267	7.00
37)	2-Methylnaphth...	0.685	0.639	0.641	0.633	0.656	0.695	0.673	0.660	3.68

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38)	I	Acenaphthene-d10	-----ISTD-----								
39)		1,2,4,5-Tetrac...	0.581	0.533	0.539	0.524	0.559	0.617	0.591	0.563	6.11
40)	P	Hexachlorocycl...	0.320	0.281	0.277	0.273	0.285	0.264		0.283	6.76
41)	S	2,4,6-Tribromo...	0.240	0.216	0.221	0.216	0.214	0.226	0.181	0.216	8.29
42)	C	2,4,6-Trichlor...	0.400	0.379	0.391	0.379	0.403	0.417	0.341	0.387	6.33
43)		2,4,5-Trichlor...	0.425	0.391	0.393	0.380	0.392	0.395	0.364	0.392	4.64
44)	S	2-Fluorobiphenyl	1.288	1.293	1.358	1.373	1.516	1.626	1.596	1.436	9.87
45)		1,1'-Biphenyl	1.628	1.500	1.508	1.477	1.590	1.714	1.713	1.590	6.27
46)		2-Chloronaphth...	1.271	1.168	1.175	1.140	1.215	1.356	1.356	1.240	7.22
47)		2-Nitroaniline	0.417	0.359	0.367	0.354	0.359	0.361	0.298	0.359	9.57
48)		Acenaphthylene	2.097	1.891	1.958	1.911	2.067	2.245	2.085	2.036	6.13
49)		Dimethylphthalate	1.519	1.359	1.374	1.346	1.473	1.624	1.581	1.468	7.65
50)		2,6-Dinitrotol...	0.319	0.294	0.287	0.280	0.280	0.278		0.290	5.39
51)	C	Acenaphthene	1.209	1.104	1.164	1.161	1.216	1.358	1.288	1.214	7.01
52)		3-Nitroaniline	0.413	0.342	0.350	0.348	0.384	0.372	0.325	0.362	8.20
53)	P	2,4-Dinitrophenol	0.124	0.098	0.092	0.082	0.068	0.044		0.085	32.12
54)		Dibenzofuran	1.691	1.596	1.632	1.667	1.800	1.965	1.928	1.754	8.34
55)	P	4-Nitrophenol	0.315	0.293	0.289	0.273	0.277	0.272		0.286	5.81
56)		2,4-Dinitrotol...	0.393	0.394	0.410	0.387	0.373	0.341		0.383	6.21
57)		Fluorene	1.435	1.333	1.356	1.335	1.470	1.616	1.534	1.440	7.51
58)		2,3,4,6-Tetrac...	0.328	0.310	0.314	0.314	0.322	0.331		0.320	2.61
59)		Diethylphthalate	1.485	1.338	1.411	1.370	1.513	1.595	1.468	1.454	6.08
60)		4-Chlorophenyl...	0.614	0.602	0.603	0.607	0.659	0.723	0.664	0.639	7.12
61)		4-Nitroaniline	0.384	0.371	0.368	0.359	0.392	0.360	0.300	0.362	8.22
62)		Azobenzene	1.423	1.354	1.400	1.388	1.509	1.584	1.372	1.433	5.82
63)	I	Phenanthrene-d10	-----ISTD-----								
64)		4,6-Dinitro-2-...	0.106	0.091	0.085	0.078	0.068	0.052		0.080	23.40
65)	c	n-Nitrosodiphe...	0.684	0.662	0.661	0.652	0.674	0.688	0.643	0.666	2.47
66)		4-Bromophenyl-...	0.218	0.203	0.203	0.194	0.203	0.223	0.215	0.208	5.00
67)		Hexachlorobenzene	0.256	0.229	0.227	0.220	0.234	0.256	0.246	0.238	6.00
68)		Atrazine	0.219	0.196	0.186	0.181	0.193	0.201	0.179	0.194	7.01
69)	C	Pentachlorophenol	0.146	0.130	0.126	0.119	0.110	0.088		0.120	16.32
70)		Phenanthrene	1.112	1.079	1.079	1.071	1.111	1.186	1.195	1.119	4.60
71)		Anthracene	1.167	1.061	1.053	1.042	1.095	1.187	1.079	1.098	5.20
72)		Carbazole	1.065	0.981	1.023	1.003	1.069	1.130	1.053	1.046	4.73
73)		Di-n-butylphth...	1.389	1.280	1.253	1.247	1.254	1.266	1.094	1.255	6.87
74)	C	Fluoranthene	1.235	1.126	1.133	1.119	1.176	1.245	1.128	1.166	4.62
75)	I	Chrysene-d12	-----ISTD-----								
76)		Benzidine	0.570	0.567	0.563	0.553	0.518	0.544	0.458	0.539	7.37
77)		Pyrene	1.159	1.097	1.148	1.080	1.172	1.249	1.162	1.152	4.78
78)	S	Terphenyl-d14	0.807	0.751	0.788	0.781	0.859	0.953	0.910	0.835	8.90
79)		Butylbenzylphth...	0.594	0.526	0.537	0.511	0.495	0.494	0.368	0.504	13.66
80)		Benzo(a) anthra...	1.173	1.035	1.076	1.037	1.092	1.177	1.075	1.095	5.35
81)		3,3'-Dichlorob...	0.432	0.401	0.409	0.385	0.397	0.396	0.312	0.390	9.57
82)		Chrysene	1.021	0.960	1.006	0.965	1.038	1.176	1.208	1.053	9.41

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83)	Bis(2-ethylhex...	0.818	0.795	0.807	0.775	0.789	0.783	0.573	0.763	11.13
84) c	Di-n-octyl pht...	1.506	1.364	1.394	1.278	1.298	1.223		1.344	7.47
85)	Indeno(1,2,3-c...	1.477	1.345	1.339	1.272	1.336	1.380	1.246	1.342	5.60
86) I	Perylene-d12	-----ISTD-----								
87)	Benzo(b)fluora...	1.092	1.084	1.101	1.067	1.037	1.130	1.151	1.095	3.50
88)	Benzo(k)fluora...	1.075	0.969	1.020	1.036	1.132	1.214	0.972	1.060	8.39
89) C	Benzo(a)pyrene	1.031	0.971	1.002	0.978	1.006	1.068	0.999	1.008	3.27
90)	Dibenzo(a,h)an...	1.129	1.060	1.071	1.045	1.065	1.102	1.026	1.071	3.23
91)	Benzo(g,h,i)pe...	1.121	1.061	1.062	1.033	1.051	1.123	1.065	1.074	3.23

(#) = Out of Range