

Method Path : Z:\HPCHEM1\BNA_F\METHODS\
 Method File : 8270-BF060315.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Fri Jun 05 10:52:02 2015
 Response Via : Initial Calibration

Calibration Files

40 =BF079656.D 10 =BF079654.D 25 =BF079655.D 50 =BF079657.D 60 =BF079658.D 80 =BF079659.D 2.5 =BF079653.D

	Compound	40	10	25	50	60	80	2.5	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----								
2)	1,4-Dioxane	0.510	0.570	0.505	0.474	0.472	0.529	0.510	7.18	
3)	Pyridine	1.340	1.429	1.550	1.399	1.527	1.594	1.423	1.466	6.26
4)	n-Nitrosodimet...	0.667	0.701	0.586	0.615	0.644	0.706	0.657	0.654	6.65
5) S	2-Fluorophenol	1.122	1.158	1.066	1.019	1.059	1.160	2.211	1.256	33.77
6)	Aniline	2.163	2.144	1.976	1.919	2.039	2.153	2.159	2.079	4.84
7) S	Phenol-d6	1.546	1.536	1.458	1.392	1.370	1.470	2.984	1.679	34.47
8)	2-Chlorophenol	1.313	1.334	1.266	1.172	1.231	1.302	1.357	1.282	5.01
9)	Benzaldehyde	0.870	1.096	0.938	0.710	0.711	0.714	0.840	18.85	
10) C	Phenol	1.609	1.734	1.598	1.440	1.404	1.501	1.589	1.553	7.30
11)	bis(2-Chloroet...	1.291	1.254	1.132	1.129	1.251	1.317	1.294	1.238	6.23
12)	1,3-Dichlorobe...	1.455	1.596	1.446	1.335	1.374	1.444	1.613	1.466	7.11
13) C	1,4-Dichlorobe...	1.540	1.579	1.446	1.365	1.432	1.545	1.589	1.499	5.69
14)	1,2-Dichlorobe...	1.381	1.454	1.335	1.251	1.264	1.372	1.442	1.357	5.83
15)	Benzyl Alcohol	1.053	1.138	1.035	0.956	1.016	1.141	1.053	1.056	6.22
16)	2,2'-oxybis(1-...	2.134	2.193	2.042	1.855	1.958	2.028	2.241	2.065	6.55
17)	2-Methylphenol	1.068	1.188	1.069	0.951	0.983	1.041	1.110	1.059	7.43
18)	Hexachloroethane	0.515	0.535	0.498	0.459	0.467	0.497	0.466	0.491	5.80
19) P	n-Nitroso-di-n...	1.113	0.986	0.951	0.968	1.000	0.979	0.942	0.991	5.78
20)	3+4-Methylphenols	1.418	1.510	1.394	1.260	1.346	1.446	1.441	1.402	5.74
21) I	Naphthalene-d8	-----ISTD-----								
22)	Acetophenone	0.499	0.469	0.444	0.444	0.457	0.505	0.459	0.468	5.26
23) S	Nitrobenzene-d5	0.380	0.337	0.315	0.338	0.349	0.393	0.619	0.390	26.79
24)	Nitrobenzene	0.355	0.352	0.342	0.330	0.318	0.345	0.305	0.335	5.52
25)	Isophorone	0.741	0.693	0.670	0.667	0.653	0.680	0.666	0.682	4.27
26) C	2-Nitrophenol	0.121	0.101	0.105	0.107	0.114	0.132	0.095	0.111	11.26
27)	2,4-Dimethylph...	0.319	0.358	0.302	0.283	0.286	0.321	0.314	0.312	8.18
28)	bis(2-Chloroet...	0.400	0.432	0.392	0.360	0.350	0.378	0.430	0.392	8.10
29) C	2,4-Dichloroph...	0.294	0.288	0.284	0.267	0.261	0.279	0.274	0.278	4.17
30)	1,2,4-Trichlor...	0.337	0.320	0.298	0.293	0.298	0.323	0.325	0.314	5.39
31)	Naphthalene	1.048	1.172	1.038	0.955	0.926	0.975	1.205	1.046	10.26
32)	Benzoic acid	0.094	0.050	0.076	0.087	0.094	0.117	0.086	25.84	
33)	4-Chloroaniline	0.593	0.600	0.545	0.535	0.540	0.578	0.589	0.569	4.87
34) C	Hexachlorobuta...	0.183	0.179	0.169	0.167	0.160	0.175	0.197	0.176	6.98
35)	Caprolactam	0.086	0.071	0.072	0.082	0.076	0.096	0.053	0.077	17.80
36) C	4-Chloro-3-met...	0.289	0.307	0.295	0.259	0.260	0.289	0.288	0.284	6.28
37)	2-Methylnaphth...	0.721	0.753	0.685	0.646	0.640	0.687	0.751	0.698	6.59

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38) I	Acenaphthene-d10	-----ISTD-----								
39)	1,2,4,5-Tetrac...	0.660	0.675	0.640	0.610	0.584	0.656	0.669	0.642	5.23
40) P	Hexachlorocycl...	0.321	0.309	0.309	0.304	0.301	0.330	0.268	0.306	6.36
41) S	2,4,6-Tribromo...	0.176	0.144	0.149	0.150	0.147	0.165	0.224	0.165	17.30
42) C	2,4,6-Trichlor...	0.380	0.339	0.344	0.349	0.346	0.380	0.307	0.349	7.24
43)	2,4,5-Trichlor...	0.422	0.367	0.393	0.402	0.386	0.418	0.317	0.387	9.31
44) S	2-Fluorobiphenyl	1.391	1.670	1.490	1.285	1.225	1.294	3.301	1.665	44.26
45)	1,1'-Biphenyl	1.571	1.685	1.518	1.450	1.401	1.554	1.617	1.542	6.26
46)	2-Chloronaphth...	1.195	1.363	1.228	1.134	1.078	1.212	1.249	1.208	7.44
47)	2-Nitroaniline	0.269	0.231	0.248	0.269	0.268	0.304	0.152	0.249	19.44
48)	Acenaphthylene	2.068	2.146	1.976	1.944	1.875	2.014	1.999	2.003	4.34
49)	Dimethylphthalate	1.419	1.677	1.589	1.329	1.259	1.382	1.603	1.465	10.76
50)	2,6-Dinitrotol...	0.259	0.155	0.213	0.249	0.244	0.277		0.233	18.73
51) C	Acenaphthene	1.245	1.283	1.199	1.169	1.121	1.224	1.257	1.214	4.60
52)	3-Nitroaniline	0.313	0.270	0.305	0.311	0.293	0.329	0.189	0.287	16.43
53) P	2,4-Dinitrophenol	0.067	0.051	0.060	0.069	0.072	0.078		0.066	14.15
54)	Dibenzofuran	1.803	1.846	1.740	1.712	1.616	1.762	1.854	1.762	4.73
55) P	4-Nitrophenol	0.245	0.191	0.207	0.231	0.235	0.281		0.232	13.44
56)	2,4-Dinitrotol...	0.311	0.184	0.224	0.299	0.299	0.362		0.280	23.04
57)	Fluorene	1.428	1.656	1.506	1.330	1.256	1.354	1.549	1.440	9.66
58)	2,3,4,6-Tetrac...	0.296	0.241	0.279	0.282	0.267	0.298	0.213	0.268	11.55
59)	Diethylphthalate	1.393	1.562	1.528	1.333	1.265	1.364	1.406	1.407	7.47
60)	4-Chlorophenyl...	0.694	0.658	0.647	0.630	0.599	0.643	0.676	0.650	4.77
61)	4-Nitroaniline	0.306	0.244	0.312	0.316	0.286	0.339	0.180	0.283	19.22
62)	Azobenzene	1.424	1.322	1.319	1.299	1.235	1.359	1.252	1.316	4.85
63) I	Phenanthrene-d10	-----ISTD-----								
64)	4,6-Dinitro-2-...	0.056	0.032	0.044	0.056	0.057	0.066		0.052	23.13
65) c	n-Nitrosodiphe...	0.658	0.681	0.638	0.579	0.557	0.614	0.669	0.628	7.48
66)	4-Bromophenyl-...	0.203	0.206	0.204	0.189	0.190	0.197	0.217	0.201	4.84
67)	Hexachlorobenzene	0.242	0.247	0.211	0.222	0.224	0.239	0.266	0.236	7.83
68)	Atrazine	0.193	0.179	0.164	0.165	0.152	0.123	0.150	0.161	13.87
69) C	Pentachlorophenol	0.095	0.072	0.087	0.091	0.092	0.109	0.058	0.086	18.93
70)	Phenanthrene	1.163	1.147	1.070	1.046	0.991	1.107	1.217	1.106	6.96
71)	Anthracene	1.170	1.212	1.099	1.038	1.019	1.123	1.126	1.113	6.13
72)	Carbazole	1.037	1.061	1.028	0.965	0.906	1.050	1.104	1.022	6.46
73)	Di-n-butylphth...	1.232	1.114	1.172	1.138	1.065	1.136	0.980	1.120	7.16
74) C	Fluoranthene	1.215	1.279	1.184	1.148	1.120	1.208	1.191	1.192	4.27
75) I	Chrysene-d12	-----ISTD-----								
76)	Benzidine	0.526	0.479	0.497	0.447	0.441	0.352	0.442	0.455	12.17
77)	Pyrene	1.215	1.201	1.150	1.085	1.090	1.108	1.211	1.152	5.02
78) S	Terphenyl-d14	0.860	0.886	0.825	0.761	0.769	0.763	1.775	0.948	38.81
79)	Butylbenzylphth...	0.421	0.264	0.350	0.385	0.407	0.461	0.213	0.357	24.94
80)	Benzo(a)anthra...	1.161	1.089	1.125	1.047	1.035	1.116	1.083	1.094	4.07
81)	3,3'-Dichlorob...	0.377	0.300	0.336	0.338	0.341	0.364	0.231	0.327	14.86
82)	Chrysene	1.142	1.180	1.078	1.032	1.033	1.076	1.162	1.100	5.53

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83)	Bis(2-ethylhex...	0.679	0.453	0.586	0.616	0.639	0.701	0.300	0.568	25.18
84) c	Di-n-octyl pht...	1.025	0.601	0.843	0.956	0.986	1.127	0.371	0.844	31.67#
85)	Indeno(1,2,3-c...	1.158	1.032	1.108	1.108	1.103	1.236	0.787	1.076	13.15
86) I	Perylene-d12	-----ISTD-----								
87)	Benzo(b)fluora...	1.151	0.974	1.005	1.014	1.119	1.147	0.824	1.034	11.36
88)	Benzo(k)fluora...	1.275	1.364	1.217	1.154	1.027	1.215	1.223	1.211	8.58
89) C	Benzo(a)pyrene	1.119	0.996	1.022	1.011	1.030	1.128	0.767	1.011	11.81
90)	Dibenzo(a,h)an...	1.051	0.921	0.945	0.977	0.983	1.100	0.652	0.947	15.19
91)	Benzo(g,h,i)pe...	1.067	1.020	0.984	0.981	0.999	1.103	0.878	1.004	7.13

(#) = Out of Range