

Method Path : Z:\HPCHEM1\BNA_F\METHODS\
 Method File : 8270-BF121815.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Fri Dec 18 14:23:22 2015
 Response Via : Initial Calibration

Calibration Files

2.5 =BF083880.D 10 =BF083881.D 25 =BF083882.D 40 =BF083883.D 50 =BF083884.D 60 =BF083885.D 80 =BF083886.D

	Compound	2.5	10	25	40	50	60	80	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----								
2)	1,4-Dioxane	0.763	0.582	0.479	0.545	0.486	0.517	0.509	0.554	17.74
3)	Pyridine	1.410	1.665	1.150	1.376	1.305	1.346	1.343	1.371	11.26
4)	n-Nitrosodimet...	0.550	0.574	0.432	0.541	0.500	0.526	0.537	0.523	8.78
5) S	2-Fluorophenol	1.606	1.413	1.297	1.226	1.195	1.155	1.055	1.278	14.30
6)	Aniline	2.665	2.048	2.007	1.993	1.793	1.873	1.722	2.015	15.43
7) S	Phenol-d6	1.975	1.602	1.573	1.578	1.430	1.432	1.359	1.564	13.00
8)	2-Chlorophenol	1.991	1.626	1.524	1.397	1.313	1.350	1.446	1.521	15.32
9)	Benzaldehyde	1.219	0.989	0.877	0.959	0.846	0.867	0.841	0.943	14.26
10) C	Phenol	2.200	1.735	1.865	1.656	1.663	1.663	1.436	1.745	13.60
11)	bis(2-Chloroet...	1.844	1.365	1.221	1.437	1.135	1.131	1.150	1.326	19.44
12)	1,3-Dichlorobe...	2.173	1.640	1.564	1.540	1.540	1.556	1.438	1.636	14.92
13) C	1,4-Dichlorobe...	2.345	1.713	1.570	1.429	1.489	1.554	1.591	1.670	18.59
14)	1,2-Dichlorobe...	2.158	1.658	1.486	1.459	1.367	1.314	1.258	1.528	20.07
15)	Benzyl Alcohol	1.590	1.276	1.071	1.069	1.155	1.143	0.982	1.184	16.98
16)	2,2'-oxybis(1-...	1.813	1.451	1.302	1.263	1.260	1.287	1.195	1.367	15.47
17)	2-Methylphenol	1.665	1.299	1.038	1.120	1.102	1.083	1.044	1.193	18.94
18)	Hexachloroethane	0.807	0.633	0.610	0.565	0.563	0.570	0.540	0.613	14.90
19) P	n-Nitroso-di-n...	1.201	0.945	0.859	0.834	0.869	0.766	0.910	0.912	15.31
20)	3+4-Methylphenols	1.899	1.547	1.355	1.228	1.275	1.407	1.104	1.402	18.56
21) I	Naphthalene-d8	-----ISTD-----								
22)	Acetophenone	0.651	0.402	0.509	0.449	0.445	0.471	0.444	0.482	16.91
23) S	Nitrobenzene-d5	0.418	0.299	0.386	0.327	0.364	0.349	0.311	0.350	12.07
24)	Nitrobenzene	0.426	0.284	0.406	0.364	0.331	0.352	0.374	0.362	13.03
25)	Isophorone	0.894	0.571	0.657	0.609	0.635	0.648	0.602	0.659	16.31
26) C	2-Nitrophenol	0.217	0.158	0.182	0.193	0.204	0.192	0.166	0.188	11.13
27)	2,4-Dimethylph...		0.340	0.332	0.292	0.324	0.350	0.302	0.323	6.92
28)	bis(2-Chloroet...	0.529	0.379	0.364	0.340	0.364	0.396	0.358	0.390	16.29
29) C	2,4-Dichloroph...	0.353	0.287	0.299	0.287	0.280	0.276	0.271	0.293	9.49
30)	1,2,4-Trichlor...	0.414	0.318	0.310	0.279	0.295	0.301	0.288	0.315	14.46
31)	Naphthalene	1.619	1.225	1.108	0.976	0.981	1.013	0.987	1.130	20.70
32)	Benzoic acid	0.036	0.064	0.114	0.097	0.122	0.135	0.149	0.102	38.99
33)	4-Chloroaniline	0.597	0.480	0.433	0.394	0.416	0.445	0.414	0.454	15.15
34) C	Hexachlorobuta...	0.271	0.200	0.192	0.184	0.184	0.179	0.165	0.197	17.64
35)	Caprolactam	0.120	0.098	0.096	0.084	0.097	0.095	0.089	0.097	11.66
36) C	4-Chloro-3-met...	0.534	0.362	0.370	0.337	0.323	0.308	0.335	0.367	20.92
37)	2-Methylnaphth...		0.743	0.827	0.637	0.686	0.686	0.593	0.695	11.80

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38) I	Acenaphthene-d10	-----ISTD-----								
39)	1,2,4,5-Tetrac...	0.869	0.663	0.583	0.550	0.567	0.590	0.592	0.631	17.58
40) P	Hexachlorocycl...		0.045	0.102	0.139	0.170	0.203	0.226	0.148	45.41
41) S	2,4,6-Tribromo...	0.271	0.225	0.214	0.210	0.227	0.214	0.182	0.220	12.12
42) C	2,4,6-Trichlor...	0.533	0.432	0.419	0.386	0.389	0.378	0.378	0.416	13.32
43)	2,4,5-Trichlor...	0.465	0.408	0.400	0.392	0.417	0.416	0.386	0.412	6.32
44) S	2-Fluorobiphenyl	2.313	1.692	1.402	1.378	1.423	1.395	1.208	1.544	23.81
45)	1,1'-Biphenyl	2.731	2.082	1.854	1.612	1.593	1.611	1.715	1.885	21.87
46)	2-Chloronaphth...	2.083	1.592	1.369	1.245	1.304	1.352	1.281	1.461	20.31
47)	2-Nitroaniline	0.467	0.414	0.372	0.354	0.388	0.410	0.363	0.396	9.86
48)	Acenaphthylene	3.279	2.458	2.231	2.124	2.243	2.123	1.865	2.332	19.46
49)	Dimethylphthalate	2.202	1.846	1.573	1.566	1.633	1.443	1.484	1.678	15.77
50)	2,6-Dinitrotol...	0.476	0.377	0.342	0.358	0.369	0.315	0.326	0.366	14.54
51) C	Acenaphthene	1.986	1.464	1.354	1.339	1.375	1.339	1.178	1.434	17.97
52)	3-Nitroaniline	0.470	0.403	0.383	0.356	0.407	0.364	0.319	0.386	12.34
53) P	2,4-Dinitrophenol		0.031	0.073	0.101	0.125	0.131	0.130	0.098	40.65
54)	Dibenzofuran	2.543	1.977	1.810	1.709	1.775	1.719	1.499	1.862	17.85
55) P	4-Nitrophenol	0.190	0.237	0.248	0.255	0.252	0.229	0.276	0.241	11.15
56)	2,4-Dinitrotol...	0.542	0.455	0.508	0.432	0.425	0.471	0.453	0.469	8.98
57)	Fluorene	2.350	1.714	1.504	1.391	1.480	1.464	1.315	1.603	21.95
58)	2,3,4,6-Tetrac...	0.339	0.298	0.326	0.287	0.293	0.295	0.296	0.305	6.46
59)	Diethylphthalate	2.455	1.838	1.654	1.611	1.640	1.578	1.369	1.735	19.95
60)	4-Chlorophenyl...	0.959	0.728	0.731	0.678	0.681	0.654	0.565	0.714	17.03
61)	4-Nitroaniline	0.471	0.422	0.411	0.346	0.384	0.378	0.381	0.399	10.02
62)	Azobenzene	1.827	1.392	1.472	1.419	1.438	1.380	1.251	1.454	12.28
63) I	Phenanthrene-d10	-----ISTD-----								
64)	4,6-Dinitro-2-...	0.039	0.089	0.102	0.120	0.116	0.125	0.132	0.103	30.80
65) c	n-Nitrosodiphe...	0.898	0.823	0.737	0.650	0.626	0.690	0.669	0.728	13.64
66)	4-Bromophenyl-...	0.293	0.271	0.235	0.226	0.226	0.241	0.219	0.245	11.23
67)	Hexachlorobenzene	0.315	0.275	0.258	0.253	0.247	0.244	0.210	0.257	12.53
68)	Atrazine	0.268	0.231	0.238	0.201	0.222	0.248	0.206	0.231	10.21
69) C	Pentachlorophenol	0.026	0.061	0.089	0.092	0.101	0.112	0.111	0.084	36.78#
70)	Phenanthrene	1.642	1.233	1.129	1.106	1.145	1.171	1.033	1.208	16.63
71)	Anthracene	1.597	1.099	1.217	1.124	1.056	1.040	1.044	1.168	17.02
72)	Carbazole	1.571	1.212	1.098	1.015	1.035	1.132	1.016	1.154	17.08
73)	Di-n-butylphth...	1.617	1.232	1.247	1.363	1.350	1.408	1.275	1.356	9.76
74) C	Fluoranthene	1.719	1.206	0.982	1.104	1.114	1.163	1.153	1.206	19.63
75) I	Chrysene-d12	-----ISTD-----								
76)	Benzidine	0.802	0.671	0.850	0.755	0.870	0.850	0.809	0.801	8.61
77)	Pyrene	2.323	1.395	1.513	1.164	1.291	1.311	1.470	1.495	25.63
78) S	Terphenyl-d14	1.680	0.951	0.952	0.873	0.873	0.819	0.819	0.995	30.83
79)	Butylbenzylpht...	0.912	0.594	0.669	0.588	0.616	0.610	0.673	0.666	17.05
80)	Benzo(a)anthra...	1.648	1.354	1.210	1.067	1.106	1.070	1.153	1.230	17.06
81)	3,3'-Dichlorob...	0.568	0.448	0.420	0.416	0.473	0.460	0.433	0.460	11.35
82)	Chrysene	1.526	1.146	1.106	1.020	1.153	1.179	1.184	1.188	13.41

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83)	Bis(2-ethylhex...	1.096	0.922	0.858	0.788	0.837	0.830	0.892	0.889	11.35
84) c	Di-n-octyl pht...	1.433	1.194	1.381	1.348	1.446	1.446	1.490	1.391	7.09
85)	Indeno(1,2,3-c...	0.932	0.756	0.970	0.861	0.911	0.878	0.909	0.888	7.69
86) I	Perylene-d12	-----ISTD-----								
87)	Benzo(b)fluora...	1.854	1.675	1.516	1.336	1.318	1.278	1.230	1.458	15.99
88)	Benzo(k)fluora...	1.446	1.041	1.125	1.158	1.161	1.241	1.247	1.203	10.66
89) C	Benzo(a)pyrene	1.479	1.214	1.191	1.158	1.131	1.160	1.096	1.204	10.57
90)	Dibenzo(a,h)an...	1.093	0.907	0.998	0.891	0.894	0.898	0.877	0.937	8.53
91)	Benzo(g,h,i)pe...	1.016	0.866	1.073	0.861	0.860	0.883	0.867	0.918	9.62

(#) = Out of Range