

Method Path : Z:\HPCHEM1\BNA_F\METHODS\
 Method File : 8270-BF012916.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Fri Jan 29 12:54:53 2016
 Response Via : Initial Calibration

Calibration Files

2.5 =BF084624.D 10 =BF084625.D 25 =BF084626.D 40 =BF084627.D 50 =BF084628.D 60 =BF084629.D 80 =BF084630.D

	Compound	2.5	10	25	40	50	60	80	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----								
2)	1,4-Dioxane	0.594	0.696	0.545	0.638	0.764	0.551	0.536	0.618	13.96
3)	Pyridine	1.270	1.754	1.382	1.748	2.224	1.611	1.533	1.646	18.92
4)	n-Nitrosodimet...	0.704	0.870	0.744	0.888	0.982	0.718	0.727	0.805	13.42
5) S	2-Fluorophenol	1.058	1.664	1.259	1.184	1.689	1.234	1.186	1.325	18.76
6)	Aniline	2.118	2.661	2.013	1.869	1.976	1.867	1.765	2.038	14.60
7) S	Phenol-d6	1.793	2.017	1.604	1.440	1.479	1.476	1.306	1.588	15.25
8)	2-Chlorophenol	1.498	1.797	1.539	1.441	1.393	1.294	1.326	1.470	11.50
9)	Benzaldehyde	0.918	1.177	0.975	0.849	0.886	0.855	0.777	0.920	14.03
10) C	Phenol	1.956	2.255	1.843	1.655	1.561	1.717	1.402	1.770	15.81
11)	bis(2-Chloroet...	1.371	1.660	1.424	1.222	1.300	1.390	1.268	1.377	10.46
12)	1,3-Dichlorobe...	1.701	1.967	1.485	1.422	1.498	1.503	1.446	1.575	12.39
13) C	1,4-Dichlorobe...	1.740	1.664	1.505	1.546	1.481	1.441	1.440	1.545	7.46
14)	1,2-Dichlorobe...	1.480	1.273	1.422	1.800	1.501	1.345	1.141	1.423	14.62
15)	Benzyl Alcohol	1.041	1.060	1.171	1.288	1.028	0.969	1.010	1.081	10.25
16)	2,2'-oxybis(1-...	2.595	2.408	2.331	2.658	2.224	2.133	2.142	2.356	8.91
17)	2-Methylphenol	1.207	1.146	1.074	1.355	1.152	1.067	0.975	1.139	10.61
18)	Hexachloroethane	0.567	0.544	0.608	0.728	0.623	0.601	0.562	0.605	10.15
19) P	n-Nitroso-di-n...	1.067	0.928	0.962	1.110	0.937	0.952	0.834	0.970	9.49
20)	3+4-Methylphenols	1.549	1.322	1.417	1.609	1.356	1.316	1.109	1.383	11.94
21) I	Naphthalene-d8	-----ISTD-----								
22)	Acetophenone	0.548	0.593	0.522	0.500	0.561	0.508	0.425	0.522	10.32
23) S	Nitrobenzene-d5	0.362	0.400	0.368	0.365	0.354	0.322	0.334	0.358	7.02
24)	Nitrobenzene	0.376	0.422	0.416	0.338	0.402	0.411	0.297	0.380	12.29
25)	Isophorone	0.675	0.758	0.660	0.677	0.668	0.633	0.624	0.670	6.49
26) C	2-Nitrophenol	0.162	0.195	0.209	0.178	0.170	0.170	0.182	0.181	8.98
27)	2,4-Dimethylph...	0.350	0.361	0.324	0.280	0.298	0.320	0.286	0.317	9.75
28)	bis(2-Chloroet...	0.443	0.431	0.391	0.383	0.412	0.411	0.345	0.402	8.11
29) C	2,4-Dichloroph...	0.269	0.300	0.288	0.284	0.288	0.281	0.230	0.277	8.24
30)	1,2,4-Trichlor...	0.343	0.320	0.322	0.307	0.323	0.319	0.285	0.317	5.60
31)	Naphthalene	1.175	1.163	1.006	0.912	0.950	0.979	0.882	1.010	11.52
32)	Benzoic acid		0.224	0.248	0.245	0.241	0.253	0.249	0.243	4.20
33)	4-Chloroaniline	0.455	0.454	0.453	0.371	0.374	0.376	0.391	0.411	9.99
34) C	Hexachlorobuta...	0.194	0.221	0.201	0.186	0.186	0.174	0.150	0.187	11.72
35)	Caprolactam	0.065	0.086	0.092	0.077	0.083	0.077	0.078	0.080	10.70
36) C	4-Chloro-3-met...	0.299	0.317	0.353	0.306	0.293	0.277	0.291	0.305	7.97
37)	2-Methylnaphth...	0.648	0.658	0.703	0.638	0.628	0.579	0.484	0.620	11.36

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38) I	Acenaphthene-d10	-----ISTD-----								
39)	1,2,4,5-Tetrac...	0.729	0.734	0.608	0.609	0.630	0.637	0.593	0.649	9.02
40) P	Hexachlorocycl...		0.247	0.259	0.303	0.313	0.319	0.329	0.295	11.40
41) S	2,4,6-Tribromo...	0.219	0.242	0.211	0.221	0.225	0.199	0.151	0.210	13.80
42) C	2,4,6-Trichlor...	0.401	0.420	0.395	0.407	0.401	0.417	0.380	0.403	3.37
43)	2,4,5-Trichlor...	0.426	0.465	0.437	0.425	0.386	0.373	0.400	0.416	7.66
44) S	2-Fluorobiphenyl	1.590	1.581	1.483	1.279	1.188	1.103	1.195	1.346	15.01
45)	1,1'-Biphenyl	2.163	2.008	1.764	1.873	1.890	1.778	1.356	1.833	13.73
46)	2-Chloronaphth...	1.544	1.515	1.236	1.326	1.336	1.308	1.097	1.337	11.57
47)	2-Nitroaniline	0.386	0.451	0.433	0.370	0.367	0.371	0.435	0.402	9.09
48)	Acenaphthylene	2.274	2.259	2.007	2.069	2.057	1.908	1.610	2.026	11.15
49)	Dimethylphthalate	1.547	1.702	1.452	1.467	1.525	1.439	1.375	1.501	7.02
50)	2,6-Dinitrotol...	0.350	0.364	0.302	0.350	0.334	0.320	0.293	0.330	8.00
51) C	Acenaphthene	1.580	1.457	1.354	1.433	1.327	1.222	1.125	1.357	11.20
52)	3-Nitroaniline	0.355	0.354	0.392	0.323	0.333	0.354	0.305	0.345	8.16
53) P	2,4-Dinitrophenol		0.137	0.166	0.173	0.165	0.172	0.165	0.163	8.14
54)	Dibenzofuran	1.879	1.770	1.611	1.666	1.624	1.557	1.228	1.619	12.59
55) P	4-Nitrophenol	0.240	0.245	0.300	0.251	0.245	0.261	0.232	0.253	8.82
56)	2,4-Dinitrotol...	0.436	0.482	0.406	0.456	0.431	0.384	0.408	0.429	7.73
57)	Fluorene	1.696	1.616	1.323	1.303	1.375	1.301	0.994	1.373	16.81
58)	2,3,4,6-Tetrac...	0.340	0.361	0.343	0.322	0.282	0.284	0.271	0.315	11.36
59)	Diethylphthalate	1.644	1.755	1.486	1.452	1.469	1.421	1.059	1.469	14.78
60)	4-Chlorophenyl...		0.816	0.663	0.605	0.576	0.532	0.504	0.616	18.29
61)	4-Nitroaniline	0.343	0.350	0.329	0.391	0.310	0.296	0.267	0.327	12.30
62)	Azobenzene	1.511	1.584	1.571	1.475	1.341	1.271	1.093	1.406	12.83
63) I	Phenanthrene-d10	-----ISTD-----								
64)	4,6-Dinitro-2-...		0.108	0.147	0.130	0.134	0.144	0.121	0.131	11.28
65) c	n-Nitrosodiphe...	0.695	0.672	0.615	0.688	0.675	0.643	0.552	0.648	7.78
66)	4-Bromophenyl-...	0.206	0.222	0.237	0.247	0.245	0.226	0.193	0.225	8.97
67)	Hexachlorobenzene	0.256	0.261	0.243	0.237	0.242	0.231	0.245	0.245	4.21
68)	Atrazine	0.175	0.198	0.232	0.191	0.181	0.187	0.197	0.194	9.53
69) C	Pentachlorophenol		0.096	0.113	0.120	0.121	0.123	0.138	0.118	11.63
70)	Phenanthrene	1.264	1.200	1.136	1.015	1.020	1.011	1.096	1.106	9.00
71)	Anthracene	1.146	1.144	1.184	1.195	1.194	1.085	0.923	1.124	8.62
72)	Carbazole	1.033	0.976	0.983	1.002	1.002	0.967	0.820	0.969	7.15
73)	Di-n-butylphth...	1.197	1.263	1.205	1.133	1.142	1.113	1.197	1.179	4.39
74) C	Fluoranthene	1.135	1.101	1.195	1.149	1.146	1.030	0.898	1.093	9.14
75) I	Chrysene-d12	-----ISTD-----								
76)	Benzidine	0.672	0.549	0.892	0.896	0.864	0.811	0.641	0.761	18.26
77)	Pyrene	1.314	1.104	1.559	1.709	1.784	1.726	1.362	1.508	16.88
78) S	Terphenyl-d14	0.814	0.688	0.982	0.998	0.984	0.893	0.840	0.886	12.88
79)	Butylbenzylphth...	0.452	0.562	0.702	0.707	0.739	0.715	0.635	0.644	16.16
80)	Benzo(a)anthra...	1.242	1.270	1.278	1.244	1.300	1.263	1.130	1.247	4.42
81)	3,3'-Dichlorob...	0.385	0.405	0.487	0.460	0.482	0.481	0.369	0.439	11.56
82)	Chrysene	1.257	1.170	1.278	1.250	1.306	1.297	1.044	1.229	7.57

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83)	Bis(2-ethylhex...	0.652	0.786	0.886	0.896	0.937	0.919	0.775	0.836	12.27
84) c	Di-n-octyl pht...	1.035	1.132	1.423	1.341	1.442	1.512	1.360	1.321	13.14
85)	Indeno(1,2,3-c...	1.182	0.908	0.984	1.041	1.168	1.305	1.017	1.086	12.61
86) I	Perylene-d12	-----ISTD-----								
87)	Benzo(b)fluora...	1.144	1.642	1.397	1.331	1.283	1.175	1.093	1.295	14.44
88)	Benzo(k)fluora...	1.213	0.918	1.086	1.042	1.084	1.009	1.138	1.070	8.80
89) C	Benzo(a)pyrene	1.090	1.196	1.140	1.103	1.157	1.141	1.015	1.120	5.18
90)	Dibenzo(a,h)an...	1.003	0.996	0.950	1.003	1.063	1.086	0.965	1.010	4.85
91)	Benzo(g,h,i)pe...	0.993	0.990	0.942	1.019	1.088	1.118	0.985	1.019	6.09

(#) = Out of Range