

Method Path : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\
 Method File : 8270-BG101118.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Thu Oct 11 13:59:58 2018
 Response Via : Initial Calibration

Calibration Files

2.5 =BG037249.D 10 =BG037250.D 25 =BG037251.D 40 =BG037252.D 50 =BG037253.D 60 =BG037254.D 80 =BG037255.D

	Compound	2.5	10	25	40	50	60	80	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----								
2)	1,4-Dioxane	0.807	0.649	0.580	0.615	0.593	0.606	0.618	0.638	12.18
3)	Pyridine	1.450	1.515	1.508	1.575	1.546	1.488	1.526	1.515	2.65
4)	n-Nitrosodimet...	0.535	0.585	0.568	0.585	0.594	0.617	0.635	0.588	5.52
5) S	2-Fluorophenol	1.051	1.125	1.118	1.155	1.140	1.184	1.183	1.136	4.03
6)	Aniline	2.201	2.332	2.241	2.279	2.213	2.283	2.256	2.258	1.99
7) S	Phenol-d6	1.598	1.688	1.724	1.774	1.729	1.790	1.771	1.725	3.84
8)	2-Chlorophenol	1.198	1.301	1.327	1.389	1.326	1.387	1.382	1.330	5.11
9)	Benzaldehyde	1.292	1.349	1.250	1.203	1.130	1.101	0.988	1.188	10.41
10) C	Phenol	1.587	1.840	1.826	1.871	1.836	1.878	1.878	1.817	5.69
11)	bis(2-Chloroet...	1.489	1.462	1.515	1.482	1.463	1.486	1.491	1.484	1.23
12)	1,3-Dichlorobe...	1.585	1.643	1.533	1.548	1.511	1.562	1.563	1.564	2.70
13) C	1,4-Dichlorobe...	1.599	1.633	1.569	1.576	1.537	1.568	1.600	1.583	1.93
14)	1,2-Dichlorobe...	1.581	1.653	1.510	1.515	1.465	1.516	1.498	1.534	4.10
15)	Benzyl Alcohol	1.104	1.339	1.347	1.406	1.392	1.431	1.425	1.349	8.43
16)	2,2'-oxybis(1-...	2.935	3.112	2.897	2.952	2.826	2.915	2.901	2.934	3.00
17)	2-Methylphenol	1.008	1.192	1.248	1.258	1.255	1.269	1.286	1.217	7.94
18)	Hexachloroethane	0.536	0.543	0.515	0.549	0.526	0.553	0.560	0.540	2.89
19) P	n-Nitroso-di-n...	1.255	1.311	1.320	1.324	1.297	1.313	1.321	1.306	1.84
20)	3+4-Methylphenols	1.436	1.618	1.694	1.784	1.761	1.797	1.820	1.701	8.01
21) I	Naphthalene-d8	-----ISTD-----								
22)	Acetophenone	0.522	0.518	0.506	0.507	0.494	0.498	0.484	0.504	2.68
23) S	Nitrobenzene-d5	0.246	0.263	0.297	0.325	0.326	0.336	0.336	0.304	12.00
24)	Nitrobenzene	0.247	0.290	0.325	0.348	0.352	0.365	0.354	0.326	13.08
25)	Isophorone	0.681	0.683	0.708	0.710	0.697	0.701	0.681	0.694	1.85
26) C	2-Nitrophenol	0.085	0.098	0.115	0.121	0.133	0.144	0.116	0.116	18.87
27)	2,4-Dimethylph...	0.298	0.288	0.290	0.294	0.288	0.291	0.283	0.290	1.66
28)	bis(2-Chloroet...	0.430	0.440	0.437	0.445	0.432	0.433	0.424	0.434	1.59
29) C	2,4-Dichloroph...	0.223	0.267	0.300	0.318	0.315	0.322	0.317	0.295	12.47
30)	1,2,4-Trichlor...	0.386	0.357	0.353	0.356	0.350	0.358	0.351	0.359	3.44
31)	Naphthalene	1.030	1.005	0.976	0.973	0.944	0.954	0.922	0.972	3.76
32)	Benzoic acid	0.119	0.154	0.165	0.164	0.178	0.181	0.160	0.160	14.08
33)	4-Chloroaniline	0.442	0.462	0.458	0.472	0.451	0.460	0.448	0.456	2.18
34) C	Hexachlorobuta...	0.239	0.227	0.217	0.220	0.217	0.219	0.219	0.223	3.62
35)	Caprolactam	0.092	0.110	0.126	0.131	0.129	0.127	0.126	0.120	11.79
36) C	4-Chloro-3-met...	0.285	0.328	0.356	0.373	0.364	0.371	0.358	0.348	9.04
37)	2-Methylnaphth...	0.739	0.721	0.720	0.715	0.692	0.698	0.681	0.709	2.81

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38)	1-Methylnaphth...	0.716	0.727	0.690	0.701	0.678	0.682	0.656	0.693	3.46
39) I	Acenaphthene-d10	-----ISTD-----								
40)	1,2,4,5-Tetrac...	0.685	0.634	0.647	0.637	0.636	0.646	0.649	0.648	2.73
41) P	Hexachlorocycl...	0.243	0.226	0.258	0.269	0.274	0.293	0.306	0.267	10.38
42) S	2,4,6-Tribromo...	0.144	0.173	0.199	0.208	0.211	0.220	0.219	0.196	14.33
43) C	2,4,6-Trichlor...	0.275	0.325	0.384	0.397	0.408	0.418	0.422	0.376	14.64
44)	2,4,5-Trichlor...	0.297	0.366	0.430	0.428	0.429	0.441	0.439	0.404	13.30
45) S	2-Fluorobiphenyl	1.497	1.391	1.361	1.308	1.272	1.270	1.224	1.332	6.92
46)	1,1'-Biphenyl	1.742	1.684	1.661	1.631	1.599	1.608	1.590	1.645	3.32
47)	2-Chloronaphth...	1.312	1.268	1.247	1.225	1.204	1.224	1.218	1.243	2.98
48)	2-Nitroaniline		0.221	0.274	0.319	0.329	0.358		0.300	17.83
49)	Acenaphthylene	1.984	1.986	1.952	1.893	1.845	1.844	1.803	1.901	3.88
50)	Dimethylphthalate	1.507	1.600	1.661	1.604	1.559	1.562	1.509	1.572	3.50
51)	2,6-Dinitrotol...		0.200	0.272	0.294	0.299	0.315	0.321	0.284	15.63
52) C	Acenaphthene	1.255	1.198	1.187	1.173	1.147	1.136	1.124	1.174	3.82
53)	3-Nitroaniline		0.260	0.317	0.341	0.343	0.359	0.353	0.329	11.26
54) P	2,4-Dinitrophenol		0.062	0.072	0.077	0.081	0.086	0.094	0.079	14.22
55)	Dibenzofuran	2.091	2.007	1.941	1.887	1.821	1.824	1.766	1.905	6.04
56) P	4-Nitrophenol		0.192	0.237	0.268	0.275	0.283	0.284	0.256	14.07
57)	2,4-Dinitrotol...		0.247	0.333	0.370	0.379	0.402	0.408	0.356	16.85
58)	Fluorene	1.561	1.517	1.486	1.424	1.384	1.375	1.339	1.441	5.70
59)	2,3,4,6-Tetrac...	0.265	0.309	0.366	0.388	0.395	0.392	0.390	0.358	14.27
60)	Diethylphthalate	1.513	1.680	1.717	1.677	1.641	1.612	1.561	1.629	4.42
61)	4-Chlorophenyl...	0.888	0.869	0.858	0.839	0.817	0.818	0.808	0.842	3.61
62)	4-Nitroaniline		0.289	0.338	0.356	0.359	0.365	0.364	0.345	8.42
63)	Azobenzene	1.680	1.642	1.623	1.549	1.495	1.490	1.453	1.562	5.58
64) I	Phenanthrene-d10	-----ISTD-----								
65)	4,6-Dinitro-2-...		0.042	0.050	0.059	0.062	0.067		0.056	17.76
66) c	n-Nitrosodiphe...	0.585	0.607	0.603	0.599	0.571	0.580	0.567	0.587	2.72
67)	4-Bromophenyl-...	0.222	0.214	0.215	0.220	0.213	0.215	0.213	0.216	1.63
68)	Hexachlorobenzene	0.236	0.227	0.222	0.226	0.216	0.221	0.219	0.224	2.99
69)	Atrazine	0.200	0.219	0.226	0.231	0.219	0.221	0.211	0.218	4.66
70) C	Pentachlorophenol		0.107	0.136	0.150	0.153	0.160	0.160	0.144	14.08
71)	Phenanthrene	1.149	1.065	1.045	1.020	0.965	0.962	0.922	1.018	7.52
72)	Anthracene	1.074	1.058	1.027	1.000	0.956	0.951	0.909	0.996	6.11
73)	Carbazole	1.097	1.088	1.068	1.039	0.986	0.977	0.931	1.027	6.14
74)	Di-n-butylphth...	0.952	1.128	1.183	1.186	1.122	1.097	1.035	1.100	7.57
75) C	Fluoranthene	1.293	1.282	1.228	1.212	1.141	1.119	1.055	1.190	7.41
76) I	Chrysene-d12	-----ISTD-----								
77)	Benzidine	0.665	0.773	0.810	0.850	0.779	0.769	0.710	0.765	8.02
78)	Pyrene	1.363	1.363	1.346	1.313	1.281	1.252	1.205	1.303	4.63
79) S	Terphenyl-d14	1.068	1.042	0.995	0.958	0.907	0.876	0.823	0.952	9.37
80)	Butylbenzylphth...		0.407	0.489	0.527	0.539	0.541	0.539	0.507	10.39
81)	Benzo(a)anthra...	1.257	1.227	1.230	1.207	1.169	1.157	1.137	1.198	3.69
82)	3,3'-Dichlorob...	0.393	0.463	0.487	0.485	0.476	0.470	0.460	0.462	6.93

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83)	Chrysene	1.214	1.188	1.156	1.139	1.120	1.108	1.074	1.143	4.18
84)	Bis(2-ethylhex...	0.597	0.720	0.762	0.761	0.767	0.764	0.728		9.18
85) c	Di-n-octyl pht...	0.933	1.142	1.237	1.251	1.261	1.269	1.182		11.06
86)	Indeno(1,2,3-c...	1.150	1.209	1.272	1.299	1.302	1.311	1.323	1.266	5.04
-----ISTD-----										
87) I	Perylene-d12									
88)	Benzo(b)fluora...	1.088	1.089	1.087	1.103	1.081	1.084	1.080	1.087	0.72
89)	Benzo(k)fluora...	1.107	1.136	1.101	1.090	1.026	1.036	1.015	1.073	4.38
90) C	Benzo(a)pyrene	1.028	1.050	1.048	1.062	1.027	1.046	1.037	1.043	1.23
91)	Dibenzo(a,h)an...	0.979	0.997	1.013	1.019	0.976	0.997	1.004	0.998	1.61
92)	Benzo(g,h,i)pe...	0.974	0.984	1.003	1.016	0.987	1.003	1.007	0.996	1.48

(#) = Out of Range