

Method Path : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\
 Method File : 8270-BG120418.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Tue Dec 04 17:15:40 2018
 Response Via : Initial Calibration

Calibration Files

2.5 =BG038324.D 10 =BG038325.D 25 =BG038326.D 40 =BG038327.D 50 =BG038328.D 60 =BG038329.D 80 =BG038330.D

Compound	2.5	10	25	40	50	60	80	Avg	%RSD

1) I 1,4-Dichlorobenzen...	-----ISTD-----								
2) 1,4-Dioxane	0.584	0.523	0.519	0.480	0.514	0.535	0.471	0.518	7.16
3) Pyridine	1.422	1.530	1.474	1.552	1.742	1.777	1.349	1.550	10.25
4) n-Nitrosodimet...	0.614	0.653	0.646	0.665	0.715	0.790	0.669	0.679	8.48
5) S 2-Fluorophenol	1.093	1.095	1.125	1.118	1.250	1.188	1.042	1.130	6.08
6) Aniline	2.110	2.132	2.090	2.121	2.170	2.174	1.807	2.086	6.08
7) S Phenol-d6	1.814	1.631	1.598	1.657	1.641	1.679	1.416	1.633	7.23
8) 2-Chlorophenol	1.334	1.341	1.306	1.316	1.367	1.378	1.147	1.313	5.89
9) Benzaldehyde		1.222	1.076	0.986	0.957	0.930		1.034	11.47
10) C Phenol	1.827	1.774	1.701	1.746	1.755	1.783	1.495	1.726	6.31
11) bis(2-Chloroet...	1.486	1.444	1.370	1.455	1.438	1.490	1.210	1.413	6.93
12) 1,3-Dichlorobe...	1.502	1.588	1.562	1.556	1.539	1.587	1.404	1.534	4.21
13) C 1,4-Dichlorobe...	1.609	1.622	1.754	1.570	1.562	1.538	1.456	1.587	5.76
14) 1,2-Dichlorobe...		2.169	1.673	1.443	1.427	1.424	1.274	1.568	20.47
15) Benzyl Alcohol	1.134	1.631	1.515	1.298	1.338	1.317	1.167	1.343	13.25
16) 2,2'-oxybis(1-...	3.248	3.945	3.701	2.973	2.974	3.025	2.639	3.215	14.22
17) 2-Methylphenol		1.654	1.400	1.156	1.193	1.146		1.310	16.67
18) Hexachloroethane	0.555	0.607	0.565	0.580	0.603	0.583	0.518	0.573	5.31
19) P n-Nitroso-di-n...	1.115	1.612	1.328	1.109	1.213	1.167		1.257	15.23
20) 3+4-Methylphenols		2.154	1.868	1.621	1.705	1.645	1.440	1.739	14.13
21) I Naphthalene-d8	-----ISTD-----								
22) Acetophenone	0.516	0.696	0.486	0.503	0.479	0.462		0.524	16.52
23) S Nitrobenzene-d5	0.476	0.465	0.360	0.422	0.391	0.368	0.338	0.403	13.21
24) Nitrobenzene	0.510	0.459	0.360	0.427	0.394	0.376	0.339	0.409	14.65
25) Isophorone	0.634	0.650	0.633	0.998	0.690	0.637	0.713	0.708	18.61
26) C 2-Nitrophenol	0.157	0.185	0.177	0.233	0.203	0.192	0.182	0.190	12.52
27) 2,4-Dimethylph...	0.232	0.276	0.262	0.325	0.290	0.270	0.251	0.272	10.95
28) bis(2-Chloroet...	0.394	0.418	0.389	0.451	0.427	0.399	0.364	0.406	6.99
29) C 2,4-Dichloroph...	0.267	0.304	0.297	0.329	0.325	0.328	0.327	0.311	7.43
30) 1,2,4-Trichlor...	0.353	0.370	0.332	0.369	0.361	0.364	0.405	0.365	6.01
31) Naphthalene	0.978	1.000	0.932	0.975	0.960	0.948	0.895	0.955	3.62
32) Benzoic acid		0.115	0.151	0.204	0.197	0.199	0.199	0.177	20.48
33) 4-Chloroaniline	0.365	0.430	0.415	0.447	0.453	0.440	0.411	0.423	7.07
34) C Hexachlorobuta...	0.220	0.239	0.205	0.239	0.229	0.240	0.226	0.228	5.69
35) Caprolactam		0.126	0.123	0.131	0.139	0.129	0.123	0.129	4.92
36) C 4-Chloro-3-met...	0.299	0.339	0.321	0.366	0.381	0.379	0.333	0.345	8.89
37) 2-Methylnaphth...	0.668	0.710	0.607	0.702	0.688	0.648	0.739	0.680	6.43
38) 1-Methylnaphth...	0.689	0.677	0.603	0.677	0.665	0.628	0.622	0.652	5.11

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39) I	Acenaphthene-d10	-----ISTD-----									
40)	1,2,4,5-Tetrac...	0.663	0.674	0.654	0.703	0.714	0.703	0.706	0.688	3.48	
41) P	Hexachlorocycl...	0.302	0.322	0.357	0.411	0.412	0.421	0.423	0.378	13.47	
42) S	2,4,6-Tribromo...	0.203	0.243	0.257	0.257	0.265	0.256	0.238	0.246	8.45	
43) C	2,4,6-Trichlor...	0.339	0.440	0.428	0.472	0.490	0.474	0.477	0.446	11.67	
44)	2,4,5-Trichlor...	0.376	0.452	0.464	0.486	0.521	0.500	0.507	0.472	10.33	
45) S	2-Fluorobiphenyl	1.387	1.479	1.361	1.399	1.426	1.368	1.406	1.404	2.84	
46)	1,1'-Biphenyl	1.688	1.737	1.639	1.674	1.763	1.649	1.685	1.691	2.64	
47)	2-Chloronaphth...	1.249	1.345	1.234	1.261	1.315	1.269	1.257	1.276	3.10	
48)	2-Nitroaniline	0.372	0.423	0.435	0.437	0.457	0.443	0.429	0.428	6.33	
49)	Acenaphthylene	1.904	2.006	1.918	1.951	1.955	1.910	1.804	1.921	3.24	
50)	Dimethylphthalate	1.514	1.669	1.630	1.631	1.647	1.589	1.550	1.604	3.49	
51)	2,6-Dinitrotol...	0.349	0.379	0.372	0.378	0.378	0.362	0.347	0.366	3.88	
52) C	Acenaphthene	1.212	1.189	1.211	1.153	1.173	1.145	1.115	1.171	3.07	
53)	3-Nitroaniline	0.344	0.391	0.401	0.407	0.418	0.426	0.376	0.395	6.99	
54) P	2,4-Dinitrophenol		0.153	0.199	0.208	0.217	0.217	0.211	0.201	12.11	
55)	Dibenzofuran	2.009	2.010	2.042	1.936	1.920	1.877	1.761	1.936	5.01	
56) P	4-Nitrophenol		0.280	0.334	0.317	0.325	0.308	0.306	0.312	6.07	
57)	2,4-Dinitrotol...	0.428	0.511	0.548	0.518	0.538	0.505	0.490	0.505	7.78	
58)	Fluorene	1.383	1.514	1.504	1.452	1.453	1.392	1.288	1.427	5.53	
59)	2,3,4,6-Tetrac...	0.347	0.418	0.425	0.431	0.430	0.423	0.398	0.410	7.29	
60)	Diethylphthalate		2.035	1.920	1.754	1.760	1.651	1.544	1.777	10.01	
61)	4-Chlorophenyl...	0.829	0.901	0.878	0.866	0.878	0.854	0.793	0.857	4.20	
62)	4-Nitroaniline	0.299	0.406	0.448	0.401	0.417	0.393	0.354	0.388	12.47	
63)	Azobenzene	1.494	1.672	1.680	1.568	1.586	1.514	1.373	1.555	6.88	
64) I	Phenanthrene-d10	-----ISTD-----									
65)	4,6-Dinitro-2-...		0.120	0.139	0.142	0.136	0.123	0.126	0.131	6.98	
66) c	n-Nitrosodiphe...	0.517	0.618	0.605	0.613	0.562	0.504	0.517	0.562	8.89	
67)	4-Bromophenyl-...	0.195	0.227	0.229	0.237	0.219	0.199	0.206	0.216	7.47	
68)	Hexachlorobenzene	0.215	0.230	0.237	0.242	0.222	0.204	0.209	0.223	6.47	
69)	Atrazine	0.196	0.241	0.236	0.230	0.210	0.179	0.177	0.210	12.75	
70) C	Pentachlorophenol		0.126	0.155	0.170	0.162	0.142	0.161	0.153	10.50	
71)	Phenanthrene	1.011	1.066	1.059	1.036	1.010	0.929	0.900	1.002	6.37	
72)	Anthracene	0.960	1.063	1.045	1.029	0.972	0.871	0.849	0.970	8.64	
73)	Carbazole	0.965	1.070	1.025	1.036	0.981	0.825	0.837	0.963	10.04	
74)	Di-n-butylphth...	1.075	1.231	1.199	1.252	1.146	0.998	0.971	1.125	9.96	
75) C	Fluoranthene	1.175	1.282	1.276	1.280	1.127	1.051	1.001	1.170	9.91	
76) I	Chrysene-d12	-----ISTD-----									
77)	Benzidine	0.695	0.696	0.732	0.689	0.606	0.675	0.631	0.675	6.34	
78)	Pyrene	1.712	1.396	1.396	1.338	1.325	1.358	1.270	1.399	10.34	
79) S	Terphenyl-d14	1.033	1.001	0.966	0.902	0.891	0.902	0.839	0.934	7.34	
80)	Butylbenzylphth...	0.524	0.541	0.577	0.565	0.587	0.582	0.563	0.563	4.08	
81)	Benzo(a)anthra...	1.216	1.234	1.251	1.244	1.237	1.228	1.195	1.229	1.53	
82)	3,3'-Dichlorob...	0.420	0.475	0.498	0.499	0.486	0.486	0.482	0.478	5.63	
83)	Chrysene	1.130	1.178	1.179	1.183	1.168	1.165	1.139	1.163	1.79	
84)	Bis(2-ethylhex...	0.741	0.767	0.806	0.830	0.812	0.816	0.813	0.798	3.98	
85) c	Di-n-octyl pht...	1.162	1.255	1.383	1.455	1.427	1.352	1.542	1.368	9.31	
86)	Indeno(1,2,3-c...	1.106	1.258	1.369	1.384	1.370	1.391	1.376	1.322	7.99	

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[illegible]

(#) = Out of Range