

Method Path : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\
 Method File : 8270-BG120919.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Mon Dec 09 18:16:57 2019
 Response Via : Initial Calibration

Calibration Files

10 =BG043788.D 20 =BG043789.D 40 =BG043790.D 50 =BG043791.D 60 =BG043792.D 80 =BG043793.D 100 =BG043794.D

	Compound	10	20	40	50	60	80	100	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----								
2)	1,4-Dioxane	0.556	0.514	0.481	0.489	0.472	0.458	0.452	0.489	7.35
3)	Pyridine	1.546	1.525	1.462	1.302	1.265	1.198	1.157	1.351	11.77
4)	n-Nitrosodimet...	0.680	0.664	0.647	0.657	0.649	0.621	0.616	0.648	3.53
5) S	2-Fluorophenol	1.140	1.105	1.071	1.088	1.038	0.992	0.955	1.056	6.13
6)	Aniline	2.224	2.113	2.023	2.059	1.996	1.899	1.787	2.014	7.06
7) S	Phenol-d6	1.675	1.617	1.541	1.551	1.498	1.423	1.350	1.522	7.27
8)	2-Chlorophenol	1.350	1.288	1.223	1.247	1.212	1.162	1.129	1.230	6.04
9)	Benzaldehyde	1.181	1.027	0.793	0.804	0.724	0.631	0.524	0.812	27.81
10) C	Phenol	1.730	1.640	1.566	1.590	1.552	1.479	1.445	1.572	6.10
11)	bis(2-Chloroet...	1.501	1.405	1.328	1.327	1.289	1.234	1.251	1.334	6.96
12)	1,3-Dichlorobe...	1.681	1.561	1.470	1.481	1.437	1.361	1.328	1.474	8.11
13) C	1,4-Dichlorobe...	1.729	1.535	1.457	1.485	1.434	1.354	1.320	1.474	9.15
14)	1,2-Dichlorobe...	1.649	1.518	1.409	1.418	1.365	1.308	1.271	1.420	9.10
15)	Benzyl Alcohol	1.262	1.234	1.218	1.228	1.217	1.184	1.137	1.211	3.32
16)	2,2'-oxybis(1-...	2.436	2.226	2.134	2.147	2.097	1.981	1.940	2.137	7.69
17)	2-Methylphenol	1.197	1.153	1.118	1.139	1.110	1.080	1.056	1.122	4.17
18)	Hexachloroethane	0.591	0.552	0.522	0.544	0.524	0.510	0.504	0.535	5.58
19) P	n-Nitroso-di-n...	1.287	1.209	1.158	1.169	1.152	1.104	1.067	1.164	6.11
20)	3+4-Methylphenols	1.614	1.604	1.576	1.597	1.549	1.518	1.477	1.562	3.22
21) I	Naphthalene-d8	-----ISTD-----								
22)	Acetophenone	0.548	0.527	0.485	0.499	0.486	0.482	0.465	0.499	5.79
23) S	Nitrobenzene-d5	0.357	0.370	0.346	0.364	0.359	0.354	0.344	0.356	2.64
24)	Nitrobenzene	0.370	0.374	0.348	0.367	0.363	0.362	0.356	0.363	2.42
25)	Isophorone	0.743	0.740	0.698	0.718	0.704	0.704	0.674	0.711	3.40
26) C	2-Nitrophenol	0.089	0.104	0.116	0.138	0.145	0.157	0.160	0.130	20.94
27)	2,4-Dimethylph...	0.244	0.254	0.243	0.256	0.255	0.258	0.250	0.251	2.33
28)	bis(2-Chloroet...	0.490	0.480	0.443	0.459	0.447	0.442	0.427	0.455	4.91
29) C	2,4-Dichloroph...	0.287	0.303	0.301	0.319	0.319	0.320	0.312	0.309	4.03
30)	1,2,4-Trichlor...	0.394	0.377	0.350	0.365	0.362	0.357	0.353	0.365	4.23
31)	Naphthalene	1.075	1.039	0.934	0.965	0.933	0.911	0.860	0.960	7.77
32)	Benzoic acid	0.087	0.128	0.145	0.187	0.190	0.223	0.234	0.171	31.10
33)	4-Chloroaniline	0.484	0.483	0.452	0.471	0.457	0.463	0.447	0.465	3.11
34) C	Hexachlorobuta...	0.226	0.228	0.212	0.225	0.220	0.220	0.220	0.221	2.47
35)	Caprolactam	0.115	0.119	0.117	0.126	0.125	0.126	0.121	0.121	3.68
36) C	4-Chloro-3-met...	0.325	0.334	0.326	0.343	0.336	0.339	0.324	0.332	2.18
37)	2-Methylnaphth...	0.816	0.799	0.727	0.746	0.724	0.713	0.681	0.744	6.46
38)	1-Methylnaphth...	0.784	0.755	0.691	0.710	0.689	0.679	0.643	0.707	6.77

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39) I	Acenaphthene-d10	-----ISTD-----									
40)	1,2,4,5-Tetrac...	0.643	0.627	0.584	0.596	0.591	0.586	0.580	0.601	4.00	
41) P	Hexachlorocycl...	0.251	0.265	0.272	0.289	0.291	0.299	0.307	0.282	7.11	
42) S	2,4,6-Tribromo...	0.177	0.191	0.186	0.198	0.197	0.197	0.190	0.191	4.04	
43) C	2,4,6-Trichlor...	0.345	0.380	0.374	0.394	0.393	0.398	0.390	0.382	4.81	
44)	2,4,5-Trichlor...	0.369	0.402	0.394	0.417	0.405	0.410	0.404	0.400	3.85	
45) S	2-Fluorobiphenyl	1.438	1.348	1.145	1.122	1.056	0.978	0.882	1.139	17.27	
46)	1,1'-Biphenyl	1.592	1.524	1.366	1.368	1.325	1.271	1.205	1.379	9.89	
47)	2-Chloronaphth...	1.272	1.233	1.107	1.117	1.090	1.061	1.011	1.127	8.25	
48)	2-Nitroaniline	0.273	0.315	0.325	0.350	0.351	0.360	0.354	0.332	9.28	
49)	Acenaphthylene	1.987	1.881	1.676	1.657	1.598	1.533	1.420	1.679	11.68	
50)	Dimethylphthalate	1.656	1.591	1.419	1.424	1.370	1.315	1.217	1.428	10.66	
51)	2,6-Dinitrotol...	0.277	0.306	0.300	0.316	0.318	0.322	0.314	0.308	5.06	
52) C	Acenaphthene	1.216	1.175	1.079	1.100	1.077	1.065	1.021	1.105	6.11	
53)	3-Nitroaniline	0.334	0.354	0.346	0.363	0.358	0.362	0.348	0.352	2.86	
54) P	2,4-Dinitrophenol	0.065	0.078	0.089	0.106	0.114	0.129	0.137	0.103	25.97	
55)	Dibenzofuran	1.977	1.859	1.626	1.616	1.548	1.469	1.351	1.635	13.31	
56) P	4-Nitrophenol	0.209	0.248	0.251	0.271	0.275	0.276	0.268	0.257	9.28	
57)	2,4-Dinitrotol...	0.356	0.407	0.405	0.433	0.438	0.441	0.429	0.416	7.23	
58)	Fluorene	1.580	1.480	1.297	1.301	1.247	1.199	1.122	1.318	12.12	
59)	2,3,4,6-Tetrac...	0.339	0.371	0.355	0.371	0.366	0.361	0.351	0.359	3.27	
60)	Diethylphthalate	1.682	1.589	1.405	1.409	1.363	1.311	1.222	1.426	11.15	
61)	4-Chlorophenyl...	0.849	0.790	0.715	0.724	0.712	0.701	0.675	0.738	8.18	
62)	4-Nitroaniline	0.379	0.380	0.354	0.368	0.363	0.361	0.347	0.365	3.34	
63)	Azobenzene	1.556	1.452	1.292	1.294	1.248	1.209	1.119	1.310	11.32	
64) I	Phenanthrene-d10	-----ISTD-----									
65)	4,6-Dinitro-2-...	0.044	0.055	0.062	0.073	0.080	0.085	0.090	0.070	24.05	
66) c	n-Nitrosodiphe...	0.622	0.597	0.544	0.557	0.544	0.525	0.502	0.556	7.44	
67)	4-Bromophenyl-...	0.222	0.220	0.206	0.215	0.214	0.211	0.209	0.214	2.71	
68)	Hexachlorobenzene	0.246	0.235	0.217	0.227	0.225	0.220	0.218	0.227	4.59	
69)	Atrazine	0.214	0.202	0.168	0.158	0.144		0.177		16.75	
70) C	Pentachlorophenol	0.101	0.116	0.117	0.131	0.129	0.128	0.123	0.121	8.71	
71)	Phenanthrene	1.166	1.085	0.938	0.940	0.901	0.833	0.764	0.947	14.65	
72)	Anthracene	1.136	1.068	0.936	0.938	0.896	0.823	0.763	0.937	13.89	
73)	Carbazole	1.076	0.997	0.866	0.874	0.830	0.772	0.717	0.876	14.23	
74)	Di-n-butylphth...	1.212	1.172	1.013	1.021	0.958	0.866	0.787	1.004	15.21	
75) C	Fluoranthene	1.392	1.276	1.083	1.076	1.011	0.914	0.834	1.084	18.02	
76) I	Chrysene-d12	-----ISTD-----									
77)	Benzidine	0.381	0.449	0.500	0.478	0.436	0.441	0.370	0.436	10.82	
78)	Pyrene	1.682	1.543	1.313	1.288	1.217	1.115	0.992	1.307	18.22	
79) S	Terphenyl-d14		1.076	0.857	0.812	0.750	0.661		0.831	18.69	
80)	Butylbenzylphth...	0.512	0.558	0.546	0.575	0.561	0.549	0.511	0.544	4.47	
81)	Benzo(a)anthra...	1.552	1.409	1.259	1.251	1.197	1.129	1.039	1.262	13.62	
82)	3,3'-Dichlorob...	0.500	0.495	0.461	0.477	0.458	0.453	0.420	0.466	5.88	
83)	Chrysene	1.452	1.363	1.201	1.207	1.144	1.073	0.978	1.203	13.53	
84)	Bis(2-ethylhex...	0.843	0.854	0.786	0.798	0.771	0.740	0.673	0.781	7.92	
85) c	Di-n-octyl pht...	1.283	1.357	1.312	1.340	1.298	1.227	1.119	1.276	6.37	
86)	Indeno(1,2,3-c...	1.622	1.564	1.483	1.547	1.519	1.536	1.503	1.539	2.96	

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87) I	Perylene-d12									
88)	Benzo(b)fluora...	1.280	1.236	1.107	1.157	1.126	1.107	1.048	1.152	7.02
89)	Benzo(k)fluora...	1.277	1.208	1.114	1.141	1.074	1.013	0.959	1.112	9.85
90) C	Benzo(a)pyrene	1.213	1.160	1.070	1.117	1.072	1.050	1.001	1.097	6.49
91)	Dibenzo(a,h)an...	1.176	1.142	1.054	1.111	1.076	1.074	1.040	1.096	4.51
92)	Benzo(g,h,i)pe...	1.155	1.105	1.036	1.095	1.064	1.068	1.048	1.082	3.74

(#) = Out of Range