

Method Path : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\
 Method File : 8270-BG071519.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Mon Jul 15 16:16:21 2019
 Response Via : Initial Calibration

Calibration Files

10 =BG041641.D 20 =BG041642.D 40 =BG041648.D 50 =BG041644.D 60 =BG041645.D 80 =BG041649.D 100 =BG041647.D

Compound		10	20	40	50	60	80	100	Avg	%RSD

1) I	1,4-Dichlorobenzen...	-----ISTD-----								
2)	1,4-Dioxane	0.634	0.563	0.597	0.568	0.571	0.570	0.565	0.581	4.49
3)	Pyridine	1.645	1.575	1.664	1.616	1.505	1.449	1.404	1.551	6.48
4)	n-Nitrosodimet...	0.691	0.650	0.765	0.709	0.741	0.720	0.738	0.716	5.25
5) S	2-Fluorophenol	1.293	1.221	1.290	1.232	1.205	1.173	1.150	1.223	4.42
6)	Aniline	2.411	2.196	2.298	2.218	2.192	2.102	2.064	2.212	5.28
7) S	Phenol-d6	1.834	1.622	1.733	1.642	1.617	1.554	1.516	1.646	6.54
8)	2-Chlorophenol	1.499	1.354	1.445	1.384	1.376	1.326	1.312	1.385	4.79
9)	Benzaldehyde	1.288	1.104	1.075	0.924	0.865	0.770	0.633	0.951	23.30
10) C	Phenol	1.870	1.705	1.834	1.726	1.709	1.652	1.641	1.734	5.00
11)	bis(2-Chloroet...	1.528	1.352	1.466	1.379	1.394	1.340	1.342	1.400	5.10
12)	1,3-Dichlorobe...	1.789	1.635	1.723	1.656	1.634	1.567	1.565	1.653	4.88
13) C	1,4-Dichlorobe...	1.794	1.642	1.734	1.652	1.627	1.575	1.561	1.655	5.05
14)	1,2-Dichlorobe...	1.728	1.547	1.626	1.552	1.533	1.468	1.469	1.560	5.87
15)	Benzyl Alcohol	1.384	1.239	1.380	1.315	1.315	1.270	1.266	1.310	4.30
16)	2,2'-oxybis(1-...	3.157	2.859	3.041	2.879	2.888	2.756	2.730	2.901	5.23
17)	2-Methylphenol	1.289	1.137	1.262	1.186	1.200	1.162	1.156	1.199	4.74
18)	Hexachloroethane	0.623	0.586	0.635	0.610	0.603	0.591	0.595	0.606	2.93
19) P	n-Nitroso-di-n...	1.298	1.174	1.263	1.202	1.181	1.146	1.156	1.203	4.73
20)	3+4-Methylphenols	1.729	1.585	1.722	1.638	1.653	1.594	1.580	1.643	3.80
21) I	Naphthalene-d8	-----ISTD-----								
22)	Acetophenone	0.541	0.495	0.490	0.485	0.471	0.470	0.458	0.487	5.58
23) S	Nitrobenzene-d5	0.306	0.302	0.345	0.330	0.334	0.357	0.327	0.329	5.95
24)	Nitrobenzene	0.348	0.335	0.376	0.362	0.366	0.366	0.358	0.359	3.73
25)	Isophorone	0.796	0.730	0.728	0.721	0.700	0.694	0.671	0.720	5.50
26) C	2-Nitrophenol	0.120	0.123	0.170	0.160	0.167	0.173	0.174	0.155	15.11
27)	2,4-Dimethylph...	0.313	0.283	0.291	0.281	0.280	0.276	0.270	0.285	4.88
28)	bis(2-Chloroet...	0.494	0.447	0.453	0.442	0.433	0.425	0.412	0.444	5.90
29) C	2,4-Dichloroph...	0.336	0.313	0.333	0.329	0.326	0.321	0.315	0.325	2.68
30)	1,2,4-Trichlor...	0.416	0.377	0.384	0.380	0.376	0.371	0.365	0.381	4.28
31)	Naphthalene	1.110	1.019	1.007	0.988	0.952	0.926	0.890	0.985	7.29
32)	Benzoic acid	0.142	0.144	0.218	0.209	0.224	0.232	0.231	0.200	19.84
33)	4-Chloroaniline	0.496	0.453	0.459	0.454	0.450	0.437	0.430	0.454	4.65
34) C	Hexachlorobuta...	0.261	0.239	0.249	0.243	0.243	0.240	0.240	0.245	3.18
35)	Caprolactam	0.126	0.118	0.121	0.120	0.117	0.117	0.117	0.119	2.78
36) C	4-Chloro-3-met...	0.365	0.341	0.346	0.339	0.335	0.331	0.325	0.340	3.82
37)	2-Methylnaphth...	0.841	0.775	0.769	0.753	0.730	0.711	0.687	0.752	6.67
38)	1-Methylnaphth...	0.812	0.738	0.725	0.717	0.691	0.679	0.659	0.717	6.97

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39) I	Acenaphthene-d10	-----ISTD-----									
40)	1,2,4,5-Tetrac...	0.761	0.670	0.709	0.678	0.668	0.664	0.645	0.685	5.63	
41) P	Hexachlorocycl...	0.377	0.359	0.398	0.390	0.401	0.397	0.391	0.388	3.80	
42) S	2,4,6-Tribromo...	0.219	0.216	0.237	0.227	0.228	0.229	0.223	0.225	3.10	
43) C	2,4,6-Trichlor...	0.435	0.426	0.468	0.450	0.449	0.453	0.436	0.445	3.10	
44)	2,4,5-Trichlor...	0.484	0.444	0.493	0.473	0.464	0.470	0.454	0.469	3.57	
45) S	2-Fluorobiphenyl	1.569	1.387	1.354	1.263	1.178	1.264	1.026	1.292	13.22	
46)	1,1'-Biphenyl	1.744	1.534	1.558	1.482	1.423	1.426	1.322	1.498	8.95	
47)	2-Chloronaphth...	1.405	1.272	1.288	1.237	1.204	1.200	1.135	1.249	6.84	
48)	2-Nitroaniline	0.284	0.314	0.398	0.370	0.387	0.401	0.391	0.364	12.67	
49)	Acenaphthylene	2.313	2.051	2.046	1.926	1.829	1.807	1.674	1.949	10.74	
50)	Dimethylphthalate	1.827	1.643	1.629	1.558	1.489	1.479	1.371	1.571	9.35	
51)	2,6-Dinitrotol...	0.294	0.291	0.360	0.336	0.345	0.357	0.348	0.333	8.66	
52) C	Acenaphthene	1.358	1.224	1.269	1.219	1.195	1.197	1.137	1.229	5.65	
53)	3-Nitroaniline	0.327	0.329	0.387	0.372	0.375	0.385	0.371	0.364	6.88	
54) P	2,4-Dinitrophenol	0.103	0.107	0.154	0.143	0.156	0.169	0.177	0.144	20.09	
55)	Dibenzofuran	2.178	1.952	1.925	1.823	1.739	1.704	1.583	1.843	10.60	
56) P	4-Nitrophenol	0.247	0.263	0.322	0.303	0.307	0.314	0.306	0.294	9.56	
57)	2,4-Dinitrotol...	0.348	0.368	0.490	0.452	0.468	0.484	0.473	0.440	13.13	
58)	Fluorene	1.780	1.578	1.556	1.482	1.405	1.394	1.306	1.500	10.39	
59)	2,3,4,6-Tetrac...	0.443	0.410	0.458	0.439	0.430	0.432	0.419	0.433	3.69	
60)	Diethylphthalate	1.847	1.651	1.633	1.561	1.492	1.489	1.404	1.582	9.16	
61)	4-Chlorophenyl...	0.960	0.862	0.878	0.833	0.810	0.813	0.778	0.848	7.05	
62)	4-Nitroaniline	0.369	0.362	0.409	0.387	0.388	0.398	0.387	0.386	4.17	
63)	Azobenzene	1.675	1.472	1.469	1.416	1.356	1.357	1.270	1.431	9.02	
64) I	Phenanthrene-d10	-----ISTD-----									
65)	4,6-Dinitro-2-...	0.064	0.066	0.096	0.088	0.096	0.102	0.105	0.088	18.58	
66) c	n-Nitrosodiphe...	0.680	0.604	0.609	0.576	0.569	0.549	0.525	0.587	8.53	
67)	4-Bromophenyl-...	0.256	0.238	0.245	0.233	0.235	0.231	0.227	0.238	4.14	
68)	Hexachlorobenzene	0.262	0.239	0.246	0.236	0.236	0.231	0.228	0.240	4.74	
69)	Atrazine	0.248	0.228	0.216	0.193	0.180		0.213		12.79	
70) C	Pentachlorophenol	0.140	0.143	0.163	0.150	0.155	0.151	0.146	0.150	5.11	
71)	Phenanthrene	1.225	1.086	1.065	0.986	0.943	0.914	0.830	1.007	12.93	
72)	Anthracene	1.216	1.084	1.065	0.990	0.940	0.905	0.828	1.004	12.86	
73)	Carbazole	1.120	1.006	0.982	0.911	0.882	0.839	0.778	0.931	12.28	
74)	Di-n-butylphth...	1.351	1.210	1.187	1.090	1.012	0.965		1.136	12.52	
75) C	Fluoranthene	1.506	1.327	1.282	1.179	1.096	1.030		1.237	13.96	
76) I	Chrysene-d12	-----ISTD-----									
77)	Benzidine	0.905	0.828	0.673	0.685	0.616	0.544	0.465	0.674	22.75	
78)	Pyrene	1.636	1.443	1.391	1.307	1.196	1.143		1.353	13.25	
79) S	Terphenyl-d14		1.009	0.926	0.839	0.750	0.755		0.856	13.07	
80)	Butylbenzylphth...	0.602	0.565	0.599	0.568	0.554	0.541	0.506	0.562	5.92	
81)	Benzo(a)anthra...	1.548	1.389	1.373	1.286	1.225	1.163	1.062	1.292	12.46	
82)	3,3'-Dichlorob...	0.564	0.528	0.525	0.514	0.504	0.474	0.451	0.508	7.32	
83)	Chrysene	1.476	1.336	1.305	1.232	1.172	1.107	1.015	1.235	12.46	
84)	Bis(2-ethylhex...	0.924	0.836	0.832	0.796	0.763	0.731	0.675	0.794	10.21	
85) c	Di-n-octyl pht...	1.506	1.426	1.455	1.378	1.315	1.237	1.143	1.352	9.50	
86)	Indeno(1,2,3-c...	1.753	1.617	1.682	1.630	1.624	1.559	1.539	1.629	4.44	

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87) I	Perylene-d12										
88)	Benzo(b)fluora...	1.368	1.246	1.265	1.214	1.187	1.135	1.077	1.213	7.76	
89)	Benzo(k)fluora...	1.292	1.162	1.193	1.122	1.065	1.060	0.975	1.124	9.18	
90) C	Benzo(a)pyrene	1.282	1.163	1.204	1.151	1.118	1.085	1.032	1.148	7.10	
91)	Dibenzo(a,h)an...	1.209	1.111	1.155	1.117	1.095	1.067	1.036	1.113	5.11	
92)	Benzo(g,h,i)pe...	1.201	1.097	1.148	1.120	1.103	1.081	1.057	1.115	4.26	

(#) = Out of Range