

Method Path : Z:\svoasrv\HPCHEM1\BNA_G\Methods\
 Method File : 8270-BG100621.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Wed Oct 06 15:51:01 2021
 Response Via : Initial Calibration

Calibration Files

5 =BG050462.D 10 =BG050463.D 20 =BG050464.D 40 =BG050465.D 50 =BG050466.D 60 =BG050467.D 80 =BG050468.D

	Compound	5	10	20	40	50	60	80	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----								
2)	1,4-Dioxane	0.852	0.769	0.702	0.688	0.625	0.615	0.597	0.693	13.33
3)	Pyridine	2.112	2.111	1.935	1.866	1.778	1.770	1.673	1.892	9.02
4)	n-Nitrosodimet...	0.989	0.947	0.951	0.856	0.860	0.824	0.815	0.892	7.77
5) S	2-Fluorophenol	1.563	1.468	1.367	1.296	1.260	1.238	1.169	1.337	10.33
6)	Aniline	2.504	2.559	2.324	2.133	2.112	2.135	1.979	2.250	9.70
7) S	Phenol-d6	2.225	2.132	1.984	1.854	1.812	1.843	1.703	1.936	9.64
8)	2-Chlorophenol	1.468	1.421	1.342	1.234	1.201	1.215	1.132	1.288	9.67
9)	Benzaldehyde	1.837	1.648	1.481	1.287	1.181	1.139		1.429	19.37
10) C	Phenol	2.203	2.128	1.919	1.783	1.735	1.780	1.629	1.883	11.28
11)	bis(2-Chloroet...	1.764	1.614	1.516	1.404	1.363	1.370	1.254	1.469	11.85
12)	1,3-Dichlorobe...	1.751	1.630	1.537	1.406	1.386	1.386	1.308	1.486	10.71
13) C	1,4-Dichlorobe...	1.805	1.657	1.536	1.421	1.379	1.383	1.309	1.498	11.88
14)	1,2-Dichlorobe...	1.748	1.596	1.489	1.350	1.295	1.315	1.226	1.431	13.12
15)	Benzyl Alcohol	1.673	1.648	1.567	1.459	1.472	1.487	1.405	1.530	6.63
16)	2,2'-oxybis(1-...	2.934	2.676	2.485	2.264	2.170	2.217	2.029	2.396	13.32
17)	2-Methylphenol	1.390	1.390	1.269	1.162	1.171	1.187	1.101	1.239	9.27
18)	Hexachloroethane	0.652	0.623	0.574	0.547	0.531	0.534	0.509	0.567	9.29
19) P	n-Nitroso-di-n...	1.675	1.544	1.452	1.345	1.305	1.332	1.226	1.411	11.02
20)	3+4-Methylphenols	1.962	1.888	1.782	1.677	1.623	1.699	1.573	1.744	8.11
21) I	Naphthalene-d8	-----ISTD-----								
22)	Acetophenone	0.674	0.608	0.569	0.549	0.528	0.542	0.509	0.569	9.91
23) S	Nitrobenzene-d5	0.539	0.507	0.487	0.477	0.460	0.470	0.441	0.483	6.70
24)	Nitrobenzene	0.562	0.499	0.483	0.470	0.454	0.461	0.434	0.480	8.66
25)	Isophorone	0.950	0.900	0.870	0.831	0.821	0.840	0.787	0.857	6.35
26) C	2-Nitrophenol	0.183	0.169	0.174	0.177	0.175	0.184	0.172	0.176	3.06
27)	2,4-Dimethylph...	0.336	0.319	0.300	0.301	0.293	0.302	0.281	0.305	5.89
28)	bis(2-Chloroet...	0.577	0.514	0.491	0.477	0.453	0.475	0.443	0.490	9.19
29) C	2,4-Dichloroph...	0.328	0.318	0.302	0.307	0.304	0.318	0.299	0.311	3.38
30)	1,2,4-Trichlor...	0.394	0.378	0.354	0.342	0.333	0.343	0.326	0.353	7.01
31)	Naphthalene	1.224	1.156	1.077	1.043	1.001	1.028	0.965	1.071	8.48
32)	Benzoic acid		0.176	0.207	0.234	0.236	0.259	0.245	0.226	13.24
33)	4-Chloroaniline	0.504	0.474	0.450	0.438	0.427	0.442	0.409	0.449	6.99
34) C	Hexachlorobuta...	0.251	0.233	0.216	0.215	0.211	0.219	0.205	0.222	6.99
35)	Caprolactam	0.126	0.118	0.123	0.118	0.118	0.117	0.113	0.119	3.57
36) C	4-Chloro-3-met...	0.404	0.405	0.398	0.378	0.378	0.388	0.366	0.388	3.82
37)	2-Methylnaphth...	0.852	0.776	0.750	0.713	0.698	0.714	0.668	0.739	8.26
38)	1-Methylnaphth...	0.824	0.765	0.726	0.688	0.677	0.689	0.643	0.716	8.56

Method Path : Z:\svoasrv\HPCHEM1\BNA_G\Methods\										
Method File : 8270-BG100621.M										
39) I	Acenaphthene-d10	-----ISTD-----								
40)	1,2,4,5-Tetrac...	0.685	0.630	0.597	0.576	0.550	0.557	0.541	0.591	8.73
41) P	Hexachlorocycl...	0.359	0.350	0.333	0.348	0.327	0.339	0.334	0.341	3.31
42) S	2,4,6-Tribromo...	0.207	0.197	0.191	0.188	0.184	0.186	0.183	0.191	4.54
43) C	2,4,6-Trichlor...	0.454	0.434	0.405	0.415	0.400	0.407	0.398	0.416	4.98
44)	2,4,5-Trichlor...	0.459	0.451	0.437	0.431	0.417	0.435	0.416	0.435	3.67
45) S	2-Fluorobiphenyl	1.580	1.488	1.340	1.296	1.212	1.229	1.157	1.329	11.62
46)	1,1'-Biphenyl	1.711	1.585	1.476	1.417	1.345	1.368	1.310	1.459	9.88
47)	2-Chloronaphth...	1.289	1.211	1.148	1.092	1.036	1.052	1.014	1.120	9.03
48)	2-Nitroaniline	0.465	0.455	0.448	0.450	0.429	0.443	0.429	0.446	2.99
49)	Acenaphthylene	2.141	2.006	1.860	1.786	1.694	1.721	1.641	1.835	9.86
50)	Dimethylphthalate	1.751	1.621	1.549	1.471	1.423	1.415	1.352	1.512	9.15
51)	2,6-Dinitrotol...	0.338	0.309	0.299	0.302	0.290	0.295	0.286	0.303	5.63
52) C	Acenaphthene	1.328	1.233	1.205	1.164	1.111	1.123	1.092	1.179	7.04
53)	3-Nitroaniline	0.395	0.363	0.355	0.355	0.352	0.350	0.337	0.358	5.01
54) P	2,4-Dinitrophenol	0.181	0.175	0.190	0.191	0.191	0.194	0.193	0.188	3.86
55)	Dibenzofuran	2.147	1.996	1.889	1.755	1.683	1.692	1.608	1.824	10.66
56) P	4-Nitrophenol	0.282	0.294	0.308	0.284	0.287	0.286	0.275	0.288	3.65
57)	2,4-Dinitrotol...	0.443	0.447	0.434	0.421	0.416	0.416	0.409	0.427	3.47
58)	Fluorene	1.649	1.515	1.452	1.364	1.296	1.293	1.240	1.401	10.38
59)	2,3,4,6-Tetrac...	0.406	0.391	0.385	0.378	0.361	0.369	0.364	0.379	4.29
60)	Diethylphthalate	1.816	1.695	1.669	1.538	1.493	1.489	1.418	1.588	8.92
61)	4-Chlorophenyl...	0.860	0.828	0.778	0.750	0.720	0.730	0.700	0.767	7.70
62)	4-Nitroaniline	0.398	0.391	0.394	0.365	0.359	0.357	0.344	0.373	5.77
63)	Azobenzene	2.163	2.014	1.919	1.779	1.699	1.686	1.610	1.839	10.89
64) I	Phenanthrene-d10	-----ISTD-----								
65)	4,6-Dinitro-2-...	0.119	0.121	0.117	0.120	0.121	0.124	0.120	0.120	1.65
66) c	n-Nitrosodiphe...	0.661	0.604	0.573	0.556	0.531	0.539	0.514	0.568	8.88
67)	4-Bromophenyl-...	0.226	0.215	0.198	0.197	0.190	0.194	0.191	0.202	6.77
68)	Hexachlorobenzene	0.230	0.208	0.199	0.195	0.190	0.192	0.188	0.200	7.32
69)	Atrazine	0.265	0.234	0.226	0.220	0.209	0.214	0.200	0.224	9.48
70) C	Pentachlorophenol	0.139	0.134	0.135	0.137	0.134	0.137	0.137	0.136	1.41
71)	Phenanthrene	1.260	1.139	1.068	1.024	0.977	0.976	0.934	1.054	10.77
72)	Anthracene	1.222	1.146	1.076	1.020	0.973	0.972	0.922	1.047	10.21
73)	Carbazole	1.227	1.128	1.084	1.009	0.977	0.968	0.913	1.044	10.40
74)	Di-n-butylphth...	1.421	1.325	1.276	1.190	1.151	1.142	1.072	1.225	9.88
75) C	Fluoranthene	1.547	1.428	1.356	1.248	1.200	1.188	1.101	1.296	12.00
76) I	Chrysene-d12	-----ISTD-----								
77)	Benzidine	0.818	0.677	0.643	0.622	0.621	0.619	0.537	0.648	13.28
78)	Pyrene	1.670	1.526	1.450	1.395	1.321	1.336	1.235	1.419	10.22
79) S	Terphenyl-d14	1.219	1.129	1.065	1.002	0.953	0.953	0.863	1.026	11.76
80)	Butylbenzylpht...	0.661	0.619	0.606	0.591	0.577	0.591	0.556	0.600	5.57
81)	Benzo(a)anthra...	1.556	1.426	1.342	1.276	1.239	1.248	1.177	1.323	9.84
82)	3,3'-Dichlorob...	0.498	0.460	0.443	0.430	0.415	0.428	0.397	0.439	7.48
83)	Chrysene	1.484	1.346	1.247	1.206	1.151	1.179	1.100	1.245	10.53
84)	Bis(2-ethylhex...	0.953	0.885	0.854	0.840	0.810	0.836	0.792	0.853	6.24
85) c	Di-n-octyl pht...	1.560	1.452	1.433	1.415	1.368	1.401	1.328	1.422	5.15

Method Path : Z:\svoasrv\HPCHEM1\BNA_G\Methods\

Method File : 8270-BG100621.M

[illegible]

(#) = Out of Range