

Method Path : Z:\svoasrv\HPCHEM1\BNA_M\Methods\
 Method File : 8270-BM102822.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Mon Oct 31 01:34:15 2022
 Response Via : Initial Calibration

Calibration Files

5 =BM037253.D 10 =BM037254.D 20 =BM037255.D 40 =BM037256.D 50 =BM037257.D 60 =BM037258.D 80 =BM037259.D

Compound	5	10	20	40	50	60	80	Avg	%RSD

1) I 1,4-Dichlorobenzen...	-----ISTD-----								
2) 1,4-Dioxane	0.509	0.518	0.504	0.461	0.460	0.461	0.405	0.474	8.30
3) Pyridine	1.411	1.477	1.446	1.393	1.443	1.387	1.329	1.412	3.45
4) n-Nitrosodimet...	0.652	0.662	0.634	0.605	0.621	0.591	0.556	0.617	5.95
5) S 2-Fluorophenol	1.159	1.186	1.170	1.141	1.191	1.153	1.104	1.158	2.56
6) Aniline	1.881	1.948	1.880	1.860	2.086	1.905	1.885	1.921	4.07
7) S Phenol-d6	1.503	1.594	1.533	1.527	1.697	1.572	1.572	1.571	4.07
8) 2-Chlorophenol	1.379	1.455	1.402	1.359	1.504	1.400	1.364	1.409	3.76
9) Benzaldehyde	0.850	0.877	0.805	0.767	0.823	0.747	0.698	0.795	7.80
10) C Phenol	1.743	1.798	1.725	1.694	1.899	1.746	1.718	1.761	3.92
11) bis(2-Chloroet...	1.491	1.480	1.377	1.334	1.477	1.369	1.354	1.412	4.80
12) 1,3-Dichlorobe...	1.572	1.605	1.523	1.470	1.614	1.520	1.472	1.540	3.83
13) C 1,4-Dichlorobe...	1.646	1.672	1.572	1.508	1.663	1.555	1.501	1.588	4.55
14) 1,2-Dichlorobe...	1.586	1.622	1.496	1.450	1.592	1.490	1.441	1.525	4.81
15) Benzyl Alcohol	1.049	1.132	1.070	1.080	1.252	1.122	1.157	1.123	6.09
16) 2,2'-oxybis(1-...	2.174	2.165	1.988	1.876	2.102	1.899	1.882	2.012	6.62
17) 2-Methylphenol	1.119	1.182	1.127	1.106	1.255	1.131	1.135	1.151	4.50
18) Hexachloroethane	0.559	0.574	0.557	0.532	0.599	0.555	0.545	0.560	3.83
19) P n-Nitroso-di-n...	1.102	1.129	1.022	1.014	1.184	1.034	1.078	1.081	5.78
20) 3+4-Methylphenols	1.510	1.639	1.527	1.504	1.745	1.550	1.589	1.580	5.48
21) I Naphthalene-d8	-----ISTD-----								
22) Acetophenone	0.492	0.512	0.505	0.504	0.564	0.536	0.526	0.520	4.64
23) S Nitrobenzene-d5	0.360	0.394	0.384	0.386	0.432	0.415	0.404	0.396	5.93
24) Nitrobenzene	0.375	0.401	0.391	0.393	0.434	0.413	0.406	0.402	4.58
25) Isophorone	0.607	0.642	0.623	0.638	0.736	0.687	0.705	0.663	7.14
26) C 2-Nitrophenol	0.146	0.163	0.166	0.180	0.206	0.197	0.202	0.180	12.66
27) 2,4-Dimethylph...	0.241	0.258	0.255	0.260	0.296	0.279	0.280	0.267	7.08
28) bis(2-Chloroet...	0.405	0.418	0.395	0.392	0.442	0.415	0.417	0.412	4.07
29) C 2,4-Dichloroph...	0.271	0.290	0.289	0.300	0.342	0.326	0.328	0.307	8.38
30) 1,2,4-Trichlor...	0.335	0.344	0.332	0.335	0.372	0.360	0.354	0.348	4.37
31) Naphthalene	1.109	1.158	1.097	1.087	1.205	1.152	1.123	1.133	3.64
32) Benzoic acid	0.151	0.176	0.204	0.259	0.246	0.264	0.217	0.217	21.70
33) 4-Chloroaniline	0.425	0.449	0.427	0.436	0.492	0.466	0.465	0.451	5.47
34) C Hexachlorobuta...	0.185	0.190	0.185	0.186	0.210	0.202	0.200	0.194	5.18
35) Caprolactam	0.076	0.084	0.086	0.090	0.107	0.104	0.105	0.093	13.08
36) C 4-Chloro-3-met...	0.284	0.304	0.295	0.305	0.357	0.330	0.336	0.316	8.19
37) 2-Methylnaphth...	0.743	0.766	0.722	0.733	0.835	0.786	0.790	0.768	5.14
38) 1-Methylnaphth...	0.728	0.752	0.707	0.716	0.814	0.763	0.771	0.750	4.93

Method Path : Z:\svoasrv\HPCHEM1\BNA_M\Methods\										
Method File : 8270-BM102822.M										
39) I	Acenaphthene-d10	-----ISTD-----								
40)	1,2,4,5-Tetrac...	0.537	0.575	0.574	0.592	0.657	0.633	0.641	0.601	7.28
41) P	Hexachlorocycl...	0.226	0.252	0.283	0.322	0.315	0.321	0.287		14.12
42) S	2,4,6-Tribromo...	0.199	0.215	0.222	0.233	0.261	0.259	0.262	0.236	10.71
43) C	2,4,6-Trichlor...	0.330	0.380	0.390	0.414	0.471	0.450	0.464	0.414	12.36
44)	2,4,5-Trichlor...	0.379	0.420	0.430	0.453	0.514	0.493	0.508	0.457	11.08
45) S	2-Fluorobiphenyl	1.390	1.485	1.446	1.479	1.640	1.567	1.530	1.505	5.45
46)	1,1'-Biphenyl	1.505	1.600	1.552	1.584	1.735	1.664	1.657	1.614	4.79
47)	2-Chloronaphth...	1.195	1.269	1.251	1.267	1.382	1.321	1.306	1.284	4.61
48)	2-Nitroaniline	0.288	0.343	0.354	0.374	0.422	0.410	0.408	0.371	12.80
49)	Acenaphthylene	1.800	1.962	1.932	1.963	2.164	2.084	2.051	1.994	5.92
50)	Dimethylphthalate	1.464	1.508	1.463	1.461	1.646	1.585	1.567	1.528	4.77
51)	2,6-Dinitrotol...	0.272	0.308	0.308	0.317	0.358	0.351	0.351	0.324	9.73
52) C	Acenaphthene	1.169	1.222	1.187	1.194	1.319	1.271	1.265	1.233	4.41
53)	3-Nitroaniline	0.293	0.330	0.343	0.361	0.406	0.403	0.394	0.361	11.76
54) P	2,4-Dinitrophenol	0.124	0.150	0.174	0.208	0.208	0.215	0.180		20.45
55)	Dibenzofuran	1.827	1.900	1.840	1.834	2.019	1.940	1.929	1.898	3.72
56) P	4-Nitrophenol	0.232	0.264	0.285	0.319	0.321	0.309	0.288		12.20
57)	2,4-Dinitrotol...	0.341	0.386	0.407	0.421	0.479	0.473	0.473	0.426	12.32
58)	Fluorene	1.464	1.547	1.519	1.542	1.715	1.665	1.641	1.585	5.69
59)	2,3,4,6-Tetrac...	0.332	0.359	0.363	0.372	0.420	0.413	0.419	0.383	9.08
60)	Diethylphthalate	1.421	1.478	1.419	1.413	1.592	1.541	1.530	1.485	4.78
61)	4-Chlorophenyl...	0.681	0.712	0.687	0.701	0.803	0.769	0.778	0.733	6.69
62)	4-Nitroaniline	0.277	0.319	0.356	0.374	0.403	0.417	0.392	0.362	13.73
63)	Azobenzene	1.352	1.459	1.436	1.440	1.564	1.515	1.473	1.463	4.54
64) I	Phenanthrene-d10	-----ISTD-----								
65)	4,6-Dinitro-2-...	0.099	0.111	0.126	0.146	0.142	0.147	0.128		15.61
66) c	n-Nitrosodiphe...	0.607	0.658	0.640	0.664	0.756	0.692	0.715	0.676	7.32
67)	4-Bromophenyl-...	0.201	0.212	0.208	0.217	0.252	0.233	0.249	0.224	9.03
68)	Hexachlorobenzene	0.254	0.261	0.253	0.261	0.301	0.280	0.292	0.272	7.11
69)	Atrazine	0.147	0.157	0.160	0.167	0.191	0.182	0.185	0.170	9.52
70) C	Pentachlorophenol	0.126	0.142	0.154	0.179	0.171	0.177	0.158		13.46
71)	Phenanthrene	1.182	1.215	1.188	1.203	1.346	1.281	1.270	1.241	4.86
72)	Anthracene	1.065	1.117	1.129	1.159	1.293	1.235	1.224	1.175	6.77
73)	Carbazole	0.983	1.023	1.054	1.076	1.152	1.152	1.102	1.078	5.89
74)	Di-n-butylphth...	1.035	1.096	1.132	1.184	1.306	1.304	1.271	1.190	9.04
75) C	Fluoranthene	1.204	1.215	1.276	1.318	1.389	1.452	1.327	1.312	6.82
76) I	Chrysene-d12	-----ISTD-----								
77)	Benzidine	0.254	0.254	0.306	0.333	0.326	0.311	0.304	0.298	10.73
78)	Pyrene	1.342	1.564	1.401	1.416	1.810	1.531	1.701	1.538	11.06
79) S	Terphenyl-d14	1.030	1.176	1.054	1.060	1.324	1.107	1.058	1.115	9.30
80)	Butylbenzylpht...	0.450	0.498	0.496	0.528	0.639	0.602	0.631	0.549	13.54
81)	Benzo(a)anthra...	1.327	1.403	1.371	1.376	1.551	1.494	1.444	1.424	5.48
82)	3,3'-Dichlorob...	0.356	0.390	0.416	0.424	0.458	0.464	0.421	0.418	8.97
83)	Chrysene	1.306	1.370	1.336	1.325	1.493	1.407	1.365	1.372	4.59
84)	Bis(2-ethylhex...	0.605	0.631	0.674	0.736	0.846	0.832	0.836	0.737	13.92
85) c	Di-n-octyl pht...	0.984	0.977	1.117	1.186	1.280	1.343	1.240	1.161	12.25

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

Method File : 8270-BM102822.M

86) I	Perylene-d12										
87)	Indeno(1,2,3-c...	1.301	1.499	1.600	1.595	1.840	1.815	1.812	1.638	12.18	
88)	Benzo(b)fluora...	1.280	1.355	1.288	1.329	1.568	1.428	1.471	1.389	7.62	
89)	Benzo(k)fluora...	1.302	1.363	1.322	1.412	1.538	1.485	1.492	1.416	6.45	
90) C	Benzo(a)pyrene	0.989	1.059	1.069	1.112	1.259	1.204	1.226	1.131	8.85	
91)	Dibenzo(a,h)an...	1.074	1.245	1.334	1.325	1.527	1.516	1.499	1.360	12.31	
92)	Benzo(g,h,i)pe...	1.072	1.251	1.314	1.279	1.472	1.439	1.438	1.324	10.63	

(#) = Out of Range