

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
 Method File : 8270E-BP091621.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Thu Sep 16 15:16:52 2021
 Response Via : Initial Calibration

Calibration Files

5 =BP006988.D 10 =BP006989.D 20 =BP006990.D 40 =BP006991.D 50 =BP006992.D 60 =BP006993.D 80 =BP006994.D

	Compound	5	10	20	40	50	60	80	Avg	%RSD

1) I	1,4-Dichlorobenzen...	-----ISTD-----								
2)	1,4-Dioxane	0.605	0.660	0.548	0.491	0.497	0.491	0.463	0.536	13.42
3)	Pyridine	1.421	1.534	1.411	1.302	1.340	1.359	1.286	1.379	6.16
4)	n-Nitrosodimet...	0.551	0.573	0.517	0.472	0.483	0.490	0.459	0.507	8.38
5) S	2-Fluorophenol	1.275	1.427	1.266	1.156	1.166	1.182	1.102	1.225	8.83
6)	Aniline	1.860	2.056	1.860	1.725	1.720	1.747	1.641	1.801	7.61
7) S	Phenol-d6	1.757	1.926	1.736	1.592	1.589	1.609	1.492	1.672	8.65
8)	2-Chlorophenol	1.466	1.584	1.403	1.303	1.298	1.319	1.237	1.373	8.72
9)	Benzaldehyde	1.124	1.148	0.962	0.791	0.740	0.730		0.916	20.73
10) C	Phenol	1.771	1.965	1.750	1.599	1.595	1.616	1.501	1.685	9.19
11)	bis(2-Chloroet...	1.464	1.516	1.329	1.214	1.198	1.229	1.143	1.299	10.97
12)	1,3-Dichlorobe...	1.704	1.820	1.569	1.438	1.425	1.452	1.360	1.538	10.93
13) C	1,4-Dichlorobe...	1.722	1.834	1.602	1.456	1.448	1.479	1.375	1.559	10.69
14)	1,2-Dichlorobe...	1.652	1.781	1.526	1.392	1.389	1.409	1.304	1.493	11.37
15)	Benzyl Alcohol	1.092	1.220	1.116	1.041	1.022	1.067	0.991	1.078	6.98
16)	2,2'-oxybis(1-...	1.736	1.823	1.576	1.416	1.374	1.412	1.293	1.519	13.09
17)	2-Methylphenol	1.100	1.229	1.121	1.046	1.030	1.062	0.990	1.082	7.18
18)	Hexachloroethane	0.557	0.600	0.519	0.486	0.488	0.503	0.472	0.518	8.79
19) P	n-Nitroso-di-n...	0.973	1.073	0.963	0.884	0.853	0.880	0.799	0.918	9.96
20)	3+4-Methylphenols	1.470	1.634	1.528	1.427	1.408	1.436	1.353	1.465	6.28
21) I	Naphthalene-d8	-----ISTD-----								
22)	Acetophenone	0.517	0.579	0.517	0.480	0.485	0.488	0.465	0.504	7.54
23) S	Nitrobenzene-d5	0.348	0.398	0.364	0.342	0.349	0.354	0.337	0.356	5.76
24)	Nitrobenzene	0.372	0.422	0.381	0.352	0.360	0.364	0.350	0.371	6.72
25)	Isophorone	0.623	0.720	0.671	0.638	0.647	0.666	0.642	0.658	4.80
26) C	2-Nitrophenol	0.125	0.154	0.158	0.161	0.170	0.179	0.181	0.161	11.78
27)	2,4-Dimethylph...	0.270	0.308	0.292	0.272	0.279	0.286	0.277	0.283	4.76
28)	bis(2-Chloroet...	0.410	0.456	0.406	0.379	0.380	0.390	0.374	0.399	7.18
29) C	2,4-Dichloroph...	0.293	0.350	0.328	0.315	0.324	0.333	0.323	0.324	5.34
30)	1,2,4-Trichlor...	0.374	0.417	0.371	0.348	0.354	0.362	0.352	0.368	6.45
31)	Naphthalene	1.177	1.277	1.130	1.038	1.055	1.068	1.012	1.108	8.43
32)	Benzoic acid	0.071	0.121	0.163	0.179	0.198	0.221	0.233	0.169	33.83
33)	4-Chloroaniline	0.409	0.472	0.438	0.415	0.422	0.434	0.422	0.430	4.83
34) C	Hexachlorobuta...	0.218	0.242	0.218	0.204	0.208	0.217	0.211	0.217	5.73
35)	Caprolactam	0.067	0.086	0.091	0.090	0.095	0.096	0.099	0.089	11.79
36) C	4-Chloro-3-met...	0.306	0.356	0.334	0.317	0.322	0.330	0.322	0.327	4.84
37)	2-Methylnaphth...	0.817	0.899	0.797	0.744	0.749	0.765	0.730	0.786	7.45
38)	1-Methylnaphth...	0.775	0.841	0.756	0.701	0.709	0.723	0.688	0.742	7.20

Method	Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\									
Method	File : 8270E-BP091621.M									
39) I	Acenaphthene-d10	-----ISTD-----								
40)	1,2,4,5-Tetrac...	0.648	0.720	0.635	0.601	0.613	0.632	0.606	0.636	6.35
41) P	Hexachlorocycl...	0.278	0.327	0.311	0.310	0.319	0.337	0.331	0.316	6.20
42) S	2,4,6-Tribromo...	0.199	0.248	0.238	0.238	0.243	0.258	0.259	0.241	8.34
43) C	2,4,6-Trichlor...	0.357	0.435	0.412	0.408	0.416	0.431	0.420	0.411	6.33
44)	2,4,5-Trichlor...	0.409	0.492	0.460	0.440	0.451	0.469	0.453	0.453	5.66
45) S	2-Fluorobiphenyl	1.543	1.715	1.478	1.372	1.371	1.388	1.274	1.449	10.04
46)	1,1'-Biphenyl	1.661	1.816	1.570	1.468	1.479	1.505	1.422	1.560	8.80
47)	2-Chloronaphth...	1.273	1.422	1.233	1.160	1.180	1.193	1.144	1.229	7.77
48)	2-Nitroaniline	0.227	0.281	0.282	0.283	0.295	0.303	0.300	0.282	9.10
49)	Acenaphthylene	1.787	2.102	1.893	1.801	1.826	1.860	1.770	1.863	6.11
50)	Dimethylphthalate	1.480	1.663	1.480	1.384	1.402	1.436	1.374	1.460	6.79
51)	2,6-Dinitrotol...	0.267	0.335	0.322	0.314	0.323	0.334	0.329	0.318	7.43
52) C	Acenaphthene	1.241	1.356	1.186	1.114	1.121	1.139	1.095	1.179	7.86
53)	3-Nitroaniline	0.243	0.321	0.324	0.318	0.335	0.342	0.340	0.318	10.72
54) P	2,4-Dinitrophenol	0.131	0.153	0.163	0.175	0.189	0.200	0.168		14.82
55)	Dibenzofuran	2.020	2.233	1.927	1.796	1.814	1.837	1.740	1.910	8.91
56) P	4-Nitrophenol	0.183	0.265	0.277	0.279	0.290	0.296	0.296	0.270	14.76
57)	2,4-Dinitrotol...	0.296	0.398	0.415	0.415	0.430	0.446	0.447	0.407	12.78
58)	Fluorene	1.560	1.726	1.513	1.409	1.426	1.442	1.357	1.490	8.29
59)	2,3,4,6-Tetrac...	0.357	0.423	0.392	0.379	0.389	0.400	0.390	0.390	5.16
60)	Diethylphthalate	1.395	1.595	1.409	1.337	1.360	1.385	1.347	1.404	6.28
61)	4-Chlorophenyl...	0.768	0.857	0.747	0.709	0.718	0.732	0.702	0.748	7.14
62)	4-Nitroaniline	0.232	0.306	0.329	0.324	0.342	0.350	0.351	0.319	13.04
63)	Azobenzene	1.257	1.486	1.340	1.260	1.262	1.287	1.209	1.300	7.00
64) I	Phenanthrene-d10	-----ISTD-----								
65)	4,6-Dinitro-2-...	0.103	0.113	0.118	0.125	0.133	0.136	0.121		10.51
66) c	n-Nitrosodiphe...	0.636	0.726	0.644	0.606	0.618	0.629	0.596	0.637	6.75
67)	4-Bromophenyl-...	0.217	0.239	0.222	0.212	0.215	0.225	0.218	0.221	4.13
68)	Hexachlorobenzene	0.248	0.276	0.249	0.235	0.240	0.250	0.243	0.249	5.28
69)	Atrazine	0.180	0.213	0.198	0.194	0.183	0.184	0.172	0.189	7.20
70) C	Pentachlorophenol	0.113	0.148	0.150	0.151	0.157	0.164	0.162	0.149	11.35
71)	Phenanthrene	1.223	1.347	1.180	1.090	1.114	1.120	1.048	1.160	8.65
72)	Anthracene	1.099	1.247	1.134	1.061	1.093	1.102	1.036	1.110	6.11
73)	Carbazole	1.048	1.220	1.109	1.042	1.071	1.074	1.016	1.083	6.20
74)	Di-n-butylphth...	0.993	1.174	1.130	1.085	1.126	1.158	1.087	1.108	5.45
75) C	Fluoranthene	1.331	1.505	1.366	1.268	1.323	1.325	1.237	1.336	6.42
76) I	Chrysene-d12	-----ISTD-----								
77)	Benzidine	0.395	0.407	0.566	0.465	0.408	0.387	0.359	0.427	16.24
78)	Pyrene	1.421	1.579	1.415	1.339	1.308	1.361	1.279	1.386	7.19
79) S	Terphenyl-d14	1.114	1.223	1.085	1.023	0.982	1.013	0.857	1.042	10.99
80)	Butylbenzylpht...	0.389	0.485	0.489	0.493	0.494	0.526	0.520	0.485	9.30
81)	Benzo(a)anthra...	1.365	1.553	1.380	1.298	1.308	1.339	1.269	1.359	6.92
82)	3,3'-Dichlorob...	0.323	0.409	0.405	0.393	0.392	0.401	0.383	0.386	7.63
83)	Chrysene	1.396	1.533	1.363	1.273	1.278	1.286	1.206	1.334	8.10
84)	Bis(2-ethylhex...	0.566	0.750	0.738	0.728	0.724	0.762	0.723	0.713	9.31
85) c	Di-n-octyl pht...	0.863	1.139	1.180	1.199	1.226	1.291	1.262	1.166	12.25

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

Method File : 8270E-BP091621.M

86) I	Perylene-d12										
87)	Indeno(1,2,3-c...	1.453	1.683	1.511	1.457	1.505	1.532	1.484	1.518	5.17	
88)	Benzo(b)fluora...	1.340	1.539	1.358	1.301	1.340	1.368	1.264	1.358	6.41	
89)	Benzo(k)fluora...	1.314	1.495	1.345	1.295	1.254	1.303	1.249	1.322	6.30	
90) C	Benzo(a)pyrene	1.145	1.344	1.217	1.192	1.204	1.240	1.187	1.218	5.13	
91)	Dibenzo(a,h)an...	1.274	1.465	1.309	1.262	1.295	1.317	1.269	1.313	5.34	
92)	Benzo(g,h,i)pe...	1.233	1.406	1.262	1.209	1.251	1.272	1.234	1.267	5.11	

(#) = Out of Range