

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
 Method File : 8270E-BP072021.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Wed Jul 21 08:44:35 2021
 Response Via : Initial Calibration

Calibration Files

5 =BP006249.D 10 =BP006250.D 20 =BP006251.D 40 =BP006252.D 50 =BP006253.D 60 =BP006254.D 80 =BP006255.D

	Compound	5	10	20	40	50	60	80	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----								
2)	1,4-Dioxane	0.516	0.548	0.525	0.501	0.470	0.488	0.466	0.502	5.92
3)	Pyridine	1.394	1.485	1.475	1.430	1.359	1.396	1.242	1.397	5.87
4)	n-Nitrosodimet...	0.480	0.483	0.490	0.481	0.469	0.464	0.450	0.474	2.87
5) S	2-Fluorophenol	1.210	1.269	1.257	1.206	1.153	1.176	1.131	1.200	4.25
6)	Aniline	1.825	1.909	1.884	1.844	1.781	1.758	1.718	1.817	3.78
7) S	Phenol-d6	1.627	1.713	1.722	1.669	1.603	1.608	1.548	1.641	3.85
8)	2-Chlorophenol	1.334	1.369	1.392	1.334	1.300	1.300	1.250	1.326	3.58
9)	Benzaldehyde	1.070	1.106	1.048	0.969	0.847	0.849	0.726	0.945	14.93
10) C	Phenol	1.620	1.697	1.711	1.655	1.585	1.589	1.540	1.628	3.84
11)	bis(2-Chloroet...	1.267	1.333	1.329	1.269	1.238	1.219	1.173	1.261	4.57
12)	1,3-Dichlorobe...	1.526	1.542	1.520	1.448	1.399	1.398	1.332	1.452	5.51
13) C	1,4-Dichlorobe...	1.540	1.559	1.543	1.474	1.419	1.419	1.352	1.472	5.36
14)	1,2-Dichlorobe...	1.498	1.515	1.471	1.395	1.359	1.346	1.285	1.410	6.14
15)	Benzyl Alcohol	1.154	1.214	1.242	1.214	1.177	1.150	1.121	1.182	3.65
16)	2,2'-oxybis(1-...	1.349	1.349	1.327	1.265	1.237	1.207	1.160	1.271	5.82
17)	2-Methylphenol	1.056	1.120	1.145	1.106	1.067	1.048	1.017	1.080	4.16
18)	Hexachloroethane	0.529	0.548	0.541	0.529	0.513	0.512	0.493	0.523	3.61
19) P	n-Nitroso-di-n...	0.983	1.037	1.061	1.036	1.011	0.972	0.938	1.005	4.29
20)	3+4-Methylphenols	1.425	1.501	1.522	1.492	1.444	1.423	1.376	1.455	3.57
21) I	Naphthalene-d8	-----ISTD-----								
22)	Acetophenone	0.471	0.495	0.503	0.481	0.480	0.479	0.471	0.483	2.46
23) S	Nitrobenzene-d5	0.280	0.316	0.340	0.342	0.346	0.352	0.349	0.332	7.80
24)	Nitrobenzene	0.304	0.345	0.365	0.362	0.364	0.368	0.366	0.353	6.55
25)	Isophorone	0.631	0.675	0.700	0.685	0.690	0.683	0.679	0.678	3.25
26) C	2-Nitrophenol	0.098	0.111	0.128	0.139	0.146	0.151	0.155	0.133	16.19
27)	2,4-Dimethylph...	0.251	0.270	0.279	0.272	0.271	0.267	0.267	0.268	3.16
28)	bis(2-Chloroet...	0.379	0.394	0.397	0.380	0.379	0.377	0.371	0.383	2.51
29) C	2,4-Dichloroph...	0.246	0.273	0.285	0.282	0.283	0.285	0.283	0.277	5.14
30)	1,2,4-Trichlor...	0.313	0.320	0.322	0.310	0.310	0.310	0.305	0.313	1.94
31)	Naphthalene	1.042	1.095	1.097	1.037	1.031	1.035	1.011	1.050	3.15
32)	Benzoic acid	0.134	0.148	0.165	0.174	0.184	0.193	0.166	0.166	13.49
33)	4-Chloroaniline	0.410	0.434	0.448	0.428	0.424	0.427	0.420	0.427	2.75
34) C	Hexachlorobuta...	0.182	0.190	0.191	0.184	0.184	0.185	0.182	0.186	2.06
35)	Caprolactam	0.075	0.082	0.092	0.087	0.082	0.082	0.084	0.083	6.18
36) C	4-Chloro-3-met...	0.293	0.318	0.337	0.327	0.327	0.328	0.325	0.322	4.28
37)	2-Methylnaphth...	0.727	0.753	0.768	0.725	0.728	0.725	0.706	0.733	2.78
38)	1-Methylnaphth...	0.699	0.716	0.723	0.686	0.685	0.680	0.665	0.693	2.95

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\ Method File : 8270E-BP072021.M										
39) I	Acenaphthene-d10	-----ISTD-----								
40)	1,2,4,5-Tetrac...	0.528	0.554	0.555	0.534	0.539	0.543	0.539	0.542	1.80
41) P	Hexachlorocycl...	0.272	0.291	0.304	0.306	0.311	0.283	0.309	0.297	4.98
42) S	2,4,6-Tribromo...	0.173	0.196	0.211	0.211	0.210	0.217	0.224	0.206	8.10
43) C	2,4,6-Trichlor...	0.297	0.330	0.350	0.347	0.346	0.354	0.353	0.340	6.03
44)	2,4,5-Trichlor...	0.326	0.360	0.378	0.375	0.368	0.374	0.374	0.365	4.95
45) S	2-Fluorobiphenyl	1.329	1.383	1.370	1.298	1.286	1.287	1.245	1.314	3.76
46)	1,1'-Biphenyl	1.468	1.536	1.537	1.458	1.445	1.454	1.420	1.474	3.07
47)	2-Chloronaphth...	1.123	1.171	1.178	1.122	1.118	1.126	1.107	1.135	2.45
48)	2-Nitroaniline	0.186	0.213	0.258	0.282	0.298	0.310	0.320	0.267	18.93
49)	Acenaphthylene	1.690	1.866	1.894	1.809	1.808	1.801	1.781	1.807	3.61
50)	Dimethylphthalate	1.396	1.438	1.458	1.380	1.385	1.393	1.372	1.403	2.29
51)	2,6-Dinitrotol...	0.191	0.233	0.280	0.296	0.303	0.312	0.314	0.275	16.88
52) C	Acenaphthene	1.114	1.159	1.159	1.101	1.102	1.101	1.084	1.117	2.67
53)	3-Nitroaniline	0.193	0.244	0.292	0.315	0.325	0.336	0.338	0.292	18.67
54) P	2,4-Dinitrophenol	0.092	0.108	0.120	0.127	0.137		0.117		14.96
55)	Dibenzofuran	1.801	1.839	1.826	1.728	1.726	1.729	1.694	1.764	3.25
56) P	4-Nitrophenol	0.203	0.246	0.262	0.272	0.283	0.288	0.259		12.04
57)	2,4-Dinitrotol...	0.222	0.284	0.353	0.386	0.400	0.418	0.425	0.355	21.31
58)	Fluorene	1.438	1.475	1.467	1.384	1.381	1.391	1.353	1.413	3.34
59)	2,3,4,6-Tetrac...	0.275	0.297	0.322	0.321	0.327	0.335	0.335	0.316	7.00
60)	Diethylphthalate	1.415	1.468	1.503	1.431	1.435	1.453	1.433	1.448	2.04
61)	4-Chlorophenyl...	0.680	0.697	0.690	0.655	0.657	0.655	0.644	0.668	3.02
62)	4-Nitroaniline	0.211	0.255	0.302	0.324	0.337	0.351	0.354	0.305	17.64
63)	Azobenzene	1.371	1.467	1.533	1.459	1.462	1.478	1.438	1.458	3.32
64) I	Phenanthrene-d10	-----ISTD-----								
65)	4,6-Dinitro-2-...	0.069	0.084	0.093	0.100	0.104	0.109	0.093		16.02
66) c	n-Nitrosodiphe...	0.595	0.630	0.646	0.612	0.611	0.607	0.593	0.614	3.08
67)	4-Bromophenyl-...	0.195	0.205	0.212	0.203	0.198	0.199	0.197	0.201	2.84
68)	Hexachlorobenzene	0.223	0.233	0.241	0.229	0.232	0.231	0.228	0.231	2.33
69)	Atrazine	0.191	0.197	0.209	0.204	0.204	0.202	0.196	0.200	3.00
70) C	Pentachlorophenol	0.110	0.117	0.128	0.132	0.137	0.139	0.142	0.129	9.22
71)	Phenanthrene	1.106	1.138	1.154	1.075	1.082	1.070	1.042	1.095	3.63
72)	Anthracene	1.053	1.103	1.117	1.061	1.065	1.059	1.022	1.069	3.00
73)	Carbazole	1.046	1.108	1.136	1.064	1.060	1.057	1.027	1.071	3.51
74)	Di-n-butylphth...	1.141	1.198	1.277	1.230	1.257	1.250	1.206	1.223	3.73
75) C	Fluoranthene	1.261	1.318	1.312	1.233	1.239	1.238	1.199	1.257	3.47
76) I	Chrysene-d12	-----ISTD-----								
77)	Benzidine	0.612	0.600	0.527	0.620	0.505	0.531	0.680	0.582	10.82
78)	Pyrene	1.258	1.360	1.398	1.313	1.318	1.316	1.283	1.321	3.53
79) S	Terphenyl-d14	0.985	1.051	1.062	0.989	0.991	0.982	0.938	1.000	4.29
80)	Butylbenzylpht...	0.462	0.521	0.567	0.574	0.594	0.602	0.596	0.559	9.08
81)	Benzo(a)anthra...	1.259	1.336	1.333	1.270	1.270	1.281	1.235	1.283	2.93
82)	3,3'-Dichlorob...	0.322	0.348	0.368	0.362	0.359	0.367	0.363	0.355	4.51
83)	Chrysene	1.238	1.294	1.303	1.218	1.225	1.232	1.189	1.243	3.32
84)	Bis(2-ethylhex...	0.740	0.814	0.863	0.864	0.879	0.879	0.863	0.843	5.98
85) c	Di-n-octyl pht...	1.257	1.351	1.431	1.443	1.478	1.485	1.459	1.415	5.83

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

Method File : 8270E-BP072021.M

86) I	Perylene-d12										
87)	Indeno(1,2,3-c...	1.393	1.430	1.464	1.388	1.420	1.426	1.397	1.417		1.89
88)	Benzo(b)fluora...	1.245	1.333	1.345	1.281	1.280	1.300	1.248	1.290		3.00
89)	Benzo(k)fluora...	1.190	1.214	1.248	1.187	1.206	1.204	1.162	1.202		2.23
90) C	Benzo(a)pyrene	1.115	1.175	1.203	1.152	1.160	1.162	1.137	1.158		2.41
91)	Dibenzo(a,h)an...	1.215	1.251	1.265	1.202	1.225	1.228	1.194	1.226		2.08
92)	Benzo(g,h,i)pe...	1.181	1.217	1.229	1.168	1.188	1.196	1.172	1.193		1.91

(#) = Out of Range