

Method Path : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\
 Method File : 8270-BF051121.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Tue May 11 18:02:17 2021
 Response Via : Initial Calibration

Calibration Files

5 =BF123909.D 10 =BF123910.D 20 =BF123911.D 40 =BF123912.D 50 =BF123913.D 60 =BF123914.D 80 =BF123915.D

	Compound	5	10	20	40	50	60	80	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----								
2)	1,4-Dioxane	1.206	1.208	0.982	0.763	0.890	0.914	0.698	0.952	20.86
3)	Pyridine	2.578	2.810	2.432	1.939	2.210	1.915	1.529	2.202	20.05
4)	n-Nitrosodimet...	1.074	1.146	0.967	0.781	0.906	0.804	0.640	0.903	19.51
5) S	2-Fluorophenol	2.335	2.265	1.917	1.291	1.473	1.351	1.061	1.670	30.05
6)	Aniline	2.973	3.314	3.050	2.207	2.123	2.013	1.765	2.492	24.26
7) S	Phenol-d6	2.590	3.221	2.598	1.902	1.845	1.782	1.558	2.214	27.06
8)	2-Chlorophenol	2.080	2.002	2.002	1.471	1.457	1.390	1.222	1.660	21.32
9)	Benzaldehyde	1.222	1.555	1.093	0.834	0.889	0.842	0.681	1.017	29.24
10) C	Phenol	2.813	3.300	2.735	1.951	1.947	1.863	1.584	2.313	27.34
11)	bis(2-Chloroet...	2.064	2.122	2.037	1.624	1.532	1.455	1.363	1.742	18.44
12)	1,3-Dichlorobe...	1.994	1.966	1.971	1.413	1.456	1.403	1.226	1.633	20.21
13) C	1,4-Dichlorobe...	2.077	2.009	1.906	1.459	1.475	1.366	1.208	1.643	21.08
14)	1,2-Dichlorobe...	2.099	1.850	1.789	1.352	1.314	1.256	1.073	1.533	24.63
15)	Benzyl Alcohol	1.579	1.654	1.647	1.299	1.250	1.198	1.037	1.381	17.76
16)	2,2'-oxybis(1-...	4.039	3.308	3.462	2.619	2.444	2.306	2.118	2.899	24.51
17)	2-Methylphenol	1.976	1.654	1.640	1.259	1.181	1.142	1.031	1.412	24.58
18)	Hexachloroethane	0.938	0.775	0.798	0.599	0.594	0.578	0.511	0.685	22.47
19) P	n-Nitroso-di-n...	1.902	1.532	1.529	1.082	1.049	1.010	0.873	1.282	29.24
20)	3+4-Methylphenols	2.722	2.117	2.093	1.415	1.416	1.330	1.127	1.746	32.96
21) I	Naphthalene-d8	-----ISTD-----								
22)	Acetophenone	0.698	0.673	0.696	0.448	0.485	0.475	0.419	0.556	22.64
23) S	Nitrobenzene-d5	0.514	0.524	0.521	0.399	0.404	0.402	0.380	0.449	14.81
24)	Nitrobenzene	0.547	0.535	0.577	0.421	0.417	0.415	0.367	0.468	17.55
25)	Isophorone	0.943	0.985	1.087	0.779	0.749	0.746	0.726	0.859	16.70
26) C	2-Nitrophenol	0.219	0.226	0.255	0.184	0.188	0.181	0.171	0.203	15.11
27)	2,4-Dimethylph...	0.390	0.382	0.414	0.295	0.299	0.292	0.267	0.334	17.58
28)	bis(2-Chloroet...	0.579	0.556	0.620	0.446	0.421	0.413	0.382	0.488	19.38
29) C	2,4-Dichloroph...	0.352	0.349	0.358	0.272	0.269	0.262	0.244	0.301	16.57
30)	1,2,4-Trichlor...	0.357	0.343	0.364	0.263	0.267	0.260	0.224	0.297	18.97
31)	Naphthalene	1.476	1.376	1.221	1.019	1.019	0.994	0.882	1.141	19.35
32)	Benzoic acid	0.098	0.153	0.166	0.195	0.179	0.176	0.171	0.162	19.36
33)	4-Chloroaniline	0.560	0.537	0.493	0.420	0.395	0.384	0.345	0.448	18.42
34) C	Hexachlorobuta...	0.176	0.182	0.162	0.134	0.142	0.136	0.121	0.151	15.34
35)	Caprolactam	0.105	0.123	0.121	0.101	0.093	0.095	0.093	0.104	12.33
36) C	4-Chloro-3-met...	0.427	0.438	0.406	0.289	0.323	0.313	0.298	0.356	18.21
37)	2-Methylnaphth...	0.836	0.865	0.796	0.536	0.632	0.599	0.488	0.679	22.39
38)	1-Methylnaphth...	0.834	0.821	0.750	0.502	0.594	0.564	0.463	0.647	23.67

Method Path : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\										
Method File : 8270-BF051121.M										
39) I	Acenaphthene-d10	-----ISTD-----								
40)	1,2,4,5-Tetrac...	0.652	0.620	0.481	0.443	0.430	0.470	0.398	0.499	19.55
41) P	Hexachlorocycl...	0.040	0.093	0.109	0.138	0.135	0.160	0.151	0.118	34.91
42) S	2,4,6-Tribromo...	0.156	0.176	0.149	0.130	0.120	0.125	0.110	0.138	16.82
43) C	2,4,6-Trichlor...	0.411	0.409	0.345	0.311	0.320	0.325	0.285	0.344	14.14
44)	2,4,5-Trichlor...	0.398	0.444	0.406	0.333	0.333	0.337	0.307	0.365	13.77
45) S	2-Fluorobiphenyl	1.673	1.642	1.362	1.070	1.103	1.109	0.930	1.270	23.15
46)	1,1'-Biphenyl	2.216	2.115	1.835	1.457	1.573	1.539	1.384	1.731	19.02
47)	2-Chloronaphth...	1.586	1.493	1.319	1.076	1.158	1.127	1.031	1.256	17.15
48)	2-Nitroaniline	0.527	0.551	0.509	0.434	0.434	0.421	0.420	0.471	11.88
49)	Acenaphthylene	2.219	2.402	2.097	1.666	1.657	1.721	1.477	1.891	18.27
50)	Dimethylphthalate	1.552	1.727	1.529	1.253	1.232	1.250	1.163	1.387	15.41
51)	2,6-Dinitrotol...	0.339	0.385	0.357	0.294	0.284	0.283	0.279	0.317	13.46
52) C	Acenaphthene	1.606	1.526	1.361	1.072	1.103	1.114	0.980	1.252	19.56
53)	3-Nitroaniline	0.492	0.485	0.453	0.358	0.358	0.354	0.350	0.407	16.27
54) P	2,4-Dinitrophenol	0.092	0.123	0.136	0.145	0.122	0.131	0.138	0.127	13.62
55)	Dibenzofuran	2.318	2.183	1.826	1.491	1.539	1.504	1.394	1.751	21.05
56) P	4-Nitrophenol	0.231	0.272	0.275	0.235	0.197	0.220	0.226	0.237	11.86
57)	2,4-Dinitrotol...	0.515	0.513	0.453	0.370	0.362	0.361	0.342	0.416	18.10
58)	Fluorene	1.760	1.683	1.398	1.130	1.019	1.111	0.994	1.299	24.45
59)	2,3,4,6-Tetrac...	0.329	0.325	0.282	0.255	0.239	0.257	0.219	0.272	15.37
60)	Diethylphthalate	1.773	1.702	1.487	1.236	1.184	1.171	1.040	1.370	20.80
61)	4-Chlorophenyl...	0.738	0.702	0.603	0.486	0.433	0.493	0.445	0.557	22.34
62)	4-Nitroaniline	0.470	0.468	0.436	0.355	0.310	0.341	0.338	0.388	17.41
63)	Azobenzene	1.948	2.159	1.868	1.586	1.569	1.582	1.512	1.746	14.13
64) I	Phenanthrene-d10	-----ISTD-----								
65)	4,6-Dinitro-2-...	0.131	0.149	0.130	0.129	0.131	0.134	0.125	0.133	5.81
66) c	n-Nitrosodiphe...	0.891	0.853	0.730	0.646	0.662	0.657	0.573	0.716	16.27
67)	4-Bromophenyl-...	0.239	0.234	0.206	0.182	0.195	0.183	0.169	0.201	13.30
68)	Hexachlorobenzene	0.231	0.227	0.195	0.173	0.181	0.180	0.147	0.191	15.68
69)	Atrazine	0.271	0.255	0.220	0.198	0.196	0.190	0.164	0.213	17.90
70) C	Pentachlorophenol	0.077	0.084	0.084	0.086	0.072	0.082	0.076	0.080	6.29
71)	Phenanthrene	1.591	1.463	1.254	1.065	1.084	1.074	0.975	1.215	19.05
72)	Anthracene	1.551	1.474	1.267	1.096	1.093	1.077	0.941	1.214	18.61
73)	Carbazole	1.534	1.392	1.116	1.023	0.911	1.011	0.885	1.125	21.95
74)	Di-n-butylphth...	1.796	1.665	1.260	1.332	1.226	1.177	0.959	1.345	21.57
75) C	Fluoranthene	1.247	1.406	1.116	1.121	0.862	0.993	0.911	1.094	17.50
76) I	Chrysene-d12	-----ISTD-----								
77)	Benzidine	0.630	0.497	0.553	0.761	0.567	0.633	0.677	0.617	14.17
78)	Pyrene	2.183	2.154	2.006	2.021	1.480	1.634	1.616	1.870	15.31
79) S	Terphenyl-d14	1.408	1.340	1.149	1.161	0.866	0.962	0.857	1.106	19.93
80)	Butylbenzylpht...	0.983	1.016	0.940	0.978	0.676	0.756	0.686	0.862	17.39
81)	Benzo(a)anthra...	1.658	1.603	1.382	1.233	1.173	1.199	1.097	1.335	16.47
82)	3,3'-Dichlorob...	0.509	0.490	0.377	0.414	0.380	0.372	0.363	0.415	14.52
83)	Chrysene	1.669	1.599	1.449	1.279	1.245	1.253	1.222	1.388	13.33
84)	Bis(2-ethylhex...	1.392	1.367	1.209	1.136	0.974	0.948	0.897	1.132	17.78
85) c	Di-n-octyl pht...	2.308	2.219	1.940	1.978	1.711	1.717	1.705	1.940	12.85

Method Path : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\

Method File : 8270-BF051121.M

[illegible]

(#) = Out of Range