

Method Path : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\
 Method File : 8270-BF110818.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Fri Nov 09 15:13:13 2018
 Response Via : Initial Calibration

Calibration Files

2.5 =BF110575.D 10 =BF110576.D 25 =BF110577.D 40 =BF110578.D 50 =BF110579.D 60 =BF110580.D 80 =BF110581.D

	Compound	2.5	10	25	40	50	60	80	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----								
2)	1,4-Dioxane	0.603	0.619	0.619	0.620	0.602	0.613	0.617	0.613	1.25
3)	Pyridine	1.139	1.295	1.328	1.427	1.308	1.393	1.380	1.324	7.16
4)	n-Nitrosodimet...	0.448	0.537	0.577	0.602	0.586	0.609	0.619	0.568	10.47
5) S	2-Fluorophenol	1.147	1.290	1.287	1.279	1.201	1.213	1.202	1.231	4.45
6)	Aniline	2.299	2.113	2.056	2.043	1.948	1.973	1.940	2.053	6.11
7) S	Phenol-d6	1.653	1.619	1.618	1.587	1.507	1.530	1.508	1.575	3.76
8)	2-Chlorophenol	1.468	1.506	1.497	1.457	1.390	1.411	1.375	1.443	3.61
9)	Benzaldehyde	1.168	1.101	0.979	0.867	0.764	0.729	0.646	0.893	21.99
10) C	Phenol	1.925	1.853	1.858	1.854	1.753	1.782	1.754	1.826	3.52
11)	bis(2-Chloroet...	1.510	1.352	1.375	1.372	1.305	1.326	1.338	1.368	4.91
12)	1,3-Dichlorobe...	1.653	1.623	1.613	1.600	1.503	1.551	1.512	1.579	3.66
13) C	1,4-Dichlorobe...	1.730	1.632	1.649	1.601	1.534	1.554	1.526	1.604	4.56
14)	1,2-Dichlorobe...	1.609	1.574	1.538	1.484	1.414	1.435	1.389	1.492	5.64
15)	Benzyl Alcohol	1.257	1.268	1.279	1.260	1.188	1.215	1.157	1.232	3.75
16)	2,2'-oxybis(1-...	2.279	2.259	2.221	2.166	2.039	2.070	2.006	2.149	5.15
17)	2-Methylphenol	1.231	1.207	1.167	1.150	1.088	1.103	1.095	1.149	4.91
18)	Hexachloroethane	0.609	0.608	0.600	0.598	0.572	0.583	0.574	0.592	2.65
19) P	n-Nitroso-di-n...	1.044	1.070	1.025	1.004	0.954	0.977	0.961	1.005	4.35
20)	3+4-Methylphenols	1.605	1.574	1.537	1.477	1.401	1.392	1.336	1.475	6.91
21) I	Naphthalene-d8	-----ISTD-----								
22)	Acetophenone	0.485	0.493	0.480	0.470	0.449	0.451	0.434	0.466	4.69
23) S	Nitrobenzene-d5	0.351	0.359	0.352	0.350	0.339	0.343	0.337	0.347	2.33
24)	Nitrobenzene	0.364	0.367	0.364	0.358	0.346	0.349	0.343	0.356	2.70
25)	Isophorone	0.585	0.586	0.571	0.564	0.556	0.562	0.562	0.569	2.09
26) C	2-Nitrophenol	0.154	0.176	0.182	0.184	0.180	0.183	0.183	0.178	6.02
27)	2,4-Dimethylph...	0.272	0.280	0.272	0.272	0.266	0.265	0.264	0.270	2.07
28)	bis(2-Chloroet...	0.401	0.401	0.389	0.386	0.374	0.376	0.371	0.385	3.23
29) C	2,4-Dichloroph...	0.273	0.286	0.286	0.284	0.271	0.277	0.270	0.278	2.59
30)	1,2,4-Trichlor...	0.321	0.324	0.317	0.318	0.307	0.306	0.303	0.314	2.64
31)	Naphthalene	1.013	0.988	0.955	0.937	0.898	0.900	0.881	0.939	5.25
32)	Benzoic acid		0.153	0.195	0.208	0.185	0.194	0.213	0.191	11.15
33)	4-Chloroaniline	0.507	0.451	0.420	0.413	0.395	0.400	0.390	0.425	9.77
34) C	Hexachlorobuta...	0.183	0.187	0.184	0.179	0.175	0.175	0.171	0.179	3.21
35)	Caprolactam	0.091	0.096	0.096	0.094	0.091	0.093	0.090	0.093	2.37
36) C	4-Chloro-3-met...	0.311	0.310	0.304	0.304	0.290	0.293	0.288	0.300	3.10
37)	2-Methylnaphth...	0.655	0.647	0.630	0.616	0.591	0.594	0.574	0.615	4.96

Method	Path : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\									
Method	File : 8270-BF110818.M									
38)	1-Methylnaphth...	0.641	0.627	0.608	0.590	0.564	0.563	0.550	0.592	5.91
39) I	Acenaphthene-d10	-----ISTD-----								
40)	1,2,4,5-Tetrac...	0.660	0.651	0.651	0.635	0.613	0.626	0.595	0.633	3.66
41) P	Hexachlorocycl...		0.111	0.177	0.216	0.223	0.242	0.249	0.203	25.47
42) S	2,4,6-Tribromo...	0.210	0.208	0.211	0.203	0.197	0.197	0.185	0.202	4.47
43) C	2,4,6-Trichlor...	0.397	0.404	0.409	0.407	0.391	0.398	0.378	0.398	2.69
44)	2,4,5-Trichlor...	0.416	0.433	0.441	0.431	0.421	0.423	0.404	0.424	2.84
45) S	2-Fluorobiphenyl	1.594	1.536	1.438	1.375	1.315	1.317	1.228	1.400	9.31
46)	1,1'-Biphenyl	2.007	2.001	1.898	1.860	1.772	1.819	1.703	1.866	6.06
47)	2-Chloronaphth...	1.424	1.419	1.374	1.329	1.282	1.319	1.262	1.344	4.74
48)	2-Nitroaniline	0.413	0.421	0.422	0.420	0.408	0.410	0.405	0.414	1.64
49)	Acenaphthylene	2.087	2.049	1.973	1.938	1.856	1.870	1.776	1.936	5.71
50)	Dimethylphthalate	1.638	1.539	1.503	1.476	1.429	1.455	1.406	1.492	5.23
51)	2,6-Dinitrotol...	0.334	0.332	0.340	0.331	0.321	0.328	0.312	0.328	2.77
52) C	Acenaphthene	1.348	1.300	1.231	1.209	1.158	1.185	1.132	1.223	6.31
53)	3-Nitroaniline	0.379	0.395	0.390	0.379	0.375	0.379	0.365	0.380	2.65
54) P	2,4-Dinitrophenol		0.079	0.108	0.124	0.127	0.127	0.131	0.116	17.15
55)	Dibenzofuran	2.012	1.909	1.843	1.773	1.695	1.691	1.605	1.790	7.89
56) P	4-Nitrophenol	0.218	0.247	0.256	0.264	0.258	0.265	0.257	0.252	6.46
57)	2,4-Dinitrotol...	0.424	0.448	0.436	0.432	0.422	0.426	0.401	0.427	3.37
58)	Fluorene	1.531	1.479	1.402	1.355	1.300	1.310	1.245	1.375	7.44
59)	2,3,4,6-Tetrac...	0.345	0.342	0.344	0.336	0.325	0.325	0.321	0.334	2.98
60)	Diethylphthalate	1.680	1.543	1.496	1.445	1.396	1.417	1.358	1.476	7.37
61)	4-Chlorophenyl...	0.805	0.755	0.728	0.707	0.673	0.684	0.632	0.712	7.97
62)	4-Nitroaniline	0.401	0.399	0.386	0.385	0.372	0.380	0.359	0.383	3.83
63)	Azobenzene	1.529	1.526	1.471	1.439	1.383	1.398	1.337	1.440	5.05
64) I	Phenanthrene-d10	-----ISTD-----								
65)	4,6-Dinitro-2-...		0.079	0.097	0.104	0.104	0.108	0.113	0.101	11.71
66) c	n-Nitrosodiphe...	0.709	0.709	0.690	0.668	0.647	0.658	0.637	0.674	4.31
67)	4-Bromophenyl-...	0.229	0.231	0.225	0.219	0.215	0.217	0.212	0.221	3.37
68)	Hexachlorobenzene	0.247	0.242	0.239	0.230	0.224	0.229	0.222	0.233	4.02
69)	Atrazine	0.227	0.227	0.218	0.205	0.189	0.171		0.206	10.92
70) C	Pentachlorophenol		0.107	0.127	0.129	0.125	0.131	0.128	0.124	7.08
71)	Phenanthrene	1.200	1.144	1.102	1.041	1.014	1.019	0.982	1.071	7.40
72)	Anthracene	1.176	1.166	1.114	1.063	1.025	1.038	0.984	1.081	6.74
73)	Carbazole	1.123	1.102	1.080	1.029	0.997	0.979	0.956	1.038	6.22
74)	Di-n-butylphth...	1.294	1.301	1.248	1.219	1.172	1.157	1.130	1.217	5.51
75) C	Fluoranthene	1.194	1.143	1.113	1.052	1.028	1.016	0.973	1.074	7.31
76) I	Chrysene-d12	-----ISTD-----								
77)	Benzidine	0.463	0.679	0.563	0.530	0.589	0.476		0.550	14.51
78)	Pyrene	1.528	1.479	1.495	1.534	1.527	1.592	1.625	1.540	3.35
79) S	Terphenyl-d14	1.128	1.105	1.065	1.035	1.023	1.065	1.055	1.068	3.48
80)	Butylbenzylphth...	0.636	0.642	0.650	0.679	0.663	0.683	0.687	0.663	3.15
81)	Benzo(a)anthra...	1.252	1.207	1.202	1.189	1.161	1.185	1.171	1.195	2.49
82)	3,3'-Dichlorob...	0.471	0.460	0.435	0.392	0.366	0.351	0.329	0.400	13.85

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

Method File : 8270-BF110818.M

83)	Chrysene	1.230	1.171	1.157	1.099	1.109	1.115	1.092	1.139	4.37
84)	Bis(2-ethylhex...	0.859	0.803	0.824	0.815	0.811	0.823	0.820	0.822	2.17
85) c	Di-n-octyl pht...	1.289	1.207	1.195	1.163	1.175	1.211	1.224	1.209	3.39
86)	Indeno(1,2,3-c...	0.814	0.699	0.748	0.796	0.811	0.886	0.967	0.817	10.80
87) I	Perylene-d12	-----ISTD-----								
88)	Benzo(b)fluora...	1.191	1.243	1.204	1.229	1.193	1.181	1.134	1.196	2.96
89)	Benzo(k)fluora...	1.254	1.243	1.251	1.138	1.164	1.102	1.123	1.182	5.56
90) C	Benzo(a)pyrene	1.127	1.103	1.100	1.080	1.073	1.059	1.068	1.087	2.19
91)	Dibenzo(a,h)an...	0.839	0.808	0.891	0.945	0.964	0.980	1.013	0.920	8.27
92)	Benzo(g,h,i)pe...	0.801	0.766	0.877	0.942	0.966	0.992	1.045	0.913	11.20

(#) = Out of Range