

Method Path : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\
 Method File : 8270-BM021119.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Mon Feb 11 16:02:12 2019
 Response Via : Initial Calibration

Calibration Files

2.5 =BM018752.D 10 =BM018753.D 25 =BM018754.D 40 =BM018755.D 50 =BM018756.D 60 =BM018757.D 80 =BM018758.D

	Compound	2.5	10	25	40	50	60	80	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----								
2)	1,4-Dioxane	0.576	0.537	0.555	0.532	0.518	0.507	0.496	0.532	5.18
3)	Pyridine	1.152	1.413	1.569	1.591	1.568	1.452	1.405	1.450	10.53
4)	n-Nitrosodimet...	0.331	0.322	0.378	0.386	0.384	0.396	0.386	0.369	8.09
5) S	2-Fluorophenol	1.228	1.201	1.265	1.246	1.216	1.208	1.181	1.221	2.33
6)	Aniline	2.039	2.063	2.141	2.170	2.115	2.120	2.101	2.107	2.11
7) S	Phenol-d6	1.619	1.675	1.769	1.771	1.726	1.740	1.737	1.720	3.19
8)	2-Chlorophenol	1.317	1.347	1.372	1.366	1.332	1.333	1.314	1.340	1.68
9)	Benzaldehyde	1.207	1.087	0.938	0.874	0.819	0.723	0.941		18.94
10) C	Phenol	1.753	1.776	1.862	1.845	1.808	1.816	1.805	1.809	2.07
11)	bis(2-Chloroet...	1.322	1.355	1.423	1.414	1.381	1.399	1.367	1.380	2.57
12)	1,3-Dichlorobe...	1.569	1.528	1.553	1.519	1.481	1.474	1.426	1.507	3.31
13) C	1,4-Dichlorobe...	1.613	1.552	1.574	1.536	1.505	1.500	1.458	1.534	3.35
14)	1,2-Dichlorobe...	1.518	1.507	1.520	1.488	1.444	1.435	1.403	1.474	3.15
15)	Benzyl Alcohol	1.183	1.295	1.406	1.435	1.397	1.426	1.423	1.366	6.86
16)	2,2'-oxybis(1-...	1.454	1.381	1.372	1.325	1.280	1.296	1.244	1.336	5.35
17)	2-Methylphenol	1.127	1.125	1.180	1.185	1.147	1.152	1.144	1.152	2.03
18)	Hexachloroethane	0.551	0.562	0.580	0.568	0.559	0.558	0.542	0.560	2.17
19) P	n-Nitroso-di-n...	1.190	1.319	1.376	1.382	1.342	1.361	1.351	1.331	4.94
20)	3+4-Methylphenols	1.438	1.567	1.636	1.653	1.597	1.623	1.616	1.590	4.56
21) I	Naphthalene-d8	-----ISTD-----								
22)	Acetophenone	0.508	0.535	0.564	0.549	0.561	0.560	0.566	0.549	3.84
23) S	Nitrobenzene-d5	0.381	0.420	0.445	0.439	0.448	0.447	0.447	0.433	5.76
24)	Nitrobenzene	0.429	0.439	0.458	0.453	0.455	0.454	0.456	0.449	2.45
25)	Isophorone	0.580	0.656	0.705	0.707	0.722	0.728	0.733	0.690	7.97
26) C	2-Nitrophenol	0.136	0.160	0.183	0.186	0.191	0.196	0.199	0.179	12.82
27)	2,4-Dimethylph...	0.239	0.247	0.268	0.264	0.268	0.270	0.272	0.261	4.90
28)	bis(2-Chloroet...	0.408	0.439	0.458	0.452	0.456	0.456	0.454	0.446	4.02
29) C	2,4-Dichloroph...	0.242	0.286	0.311	0.310	0.314	0.317	0.320	0.300	9.28
30)	1,2,4-Trichlor...	0.342	0.338	0.350	0.343	0.350	0.350	0.351	0.346	1.51
31)	Naphthalene	0.980	0.968	0.992	0.964	0.978	0.976	0.971	0.975	0.95
32)	Benzoic acid	0.173	0.217	0.229	0.245	0.254	0.254	0.250	0.228	13.35
33)	4-Chloroaniline	0.373	0.417	0.446	0.445	0.455	0.456	0.460	0.436	7.17
34) C	Hexachlorobuta...	0.203	0.194	0.202	0.198	0.203	0.204	0.202	0.201	1.84
35)	Caprolactam	0.101	0.121	0.126	0.131	0.121	0.135	0.122		9.78
36) C	4-Chloro-3-met...	0.295	0.348	0.372	0.371	0.381	0.378	0.386	0.362	8.78
37)	2-Methylnaphth...	0.658	0.675	0.693	0.686	0.692	0.700	0.702	0.687	2.23

Method	Path : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\									
Method	File : 8270-BM021119.M									
38)	1-Methylnaphth...	0.651	0.669	0.685	0.667	0.675	0.674	0.680	0.672	1.64
39) I	Acenaphthene-d10	-----ISTD-----								
40)	1,2,4,5-Tetrac...	0.626	0.608	0.651	0.636	0.650	0.654	0.654	0.640	2.76
41) P	Hexachlorocycl...		0.256	0.321	0.328	0.345	0.357	0.355	0.327	11.45
42) S	2,4,6-Tribromo...	0.221	0.267	0.292	0.295	0.309	0.313	0.321	0.288	11.98
43) C	2,4,6-Trichlor...	0.344	0.398	0.438	0.439	0.448	0.450	0.449	0.424	9.36
44)	2,4,5-Trichlor...	0.338	0.423	0.461	0.458	0.469	0.477	0.480	0.444	11.31
45) S	2-Fluorobiphenyl	1.511	1.494	1.532	1.489	1.515	1.508	1.497	1.507	0.98
46)	1,1'-Biphenyl	1.702	1.716	1.748	1.700	1.727	1.732	1.726	1.722	0.99
47)	2-Chloronaphth...	1.314	1.311	1.347	1.320	1.337	1.335	1.344	1.330	1.10
48)	2-Nitroaniline	0.318	0.397	0.457	0.463	0.481	0.481	0.493	0.442	14.26
49)	Acenaphthylene	1.806	1.952	2.032	1.996	2.024	2.019	2.030	1.980	4.12
50)	Dimethylphthalate	1.572	1.662	1.700	1.660	1.686	1.692	1.695	1.667	2.68
51)	2,6-Dinitrotol...	0.279	0.347	0.374	0.374	0.381	0.382	0.390	0.361	10.67
52) C	Acenaphthene	1.190	1.200	1.228	1.208	1.221	1.220	1.231	1.214	1.26
53)	3-Nitroaniline		0.359	0.399	0.411	0.426	0.421	0.432	0.408	6.58
54) P	2,4-Dinitrophenol		0.136	0.188	0.201	0.217	0.223	0.232	0.200	17.43
55)	Dibenzofuran	1.992	1.989	2.023	1.979	1.989	1.995	2.002	1.995	0.70
56) P	4-Nitrophenol		0.262	0.316	0.330	0.347	0.345	0.355	0.326	10.54
57)	2,4-Dinitrotol...	0.351	0.462	0.517	0.520	0.542	0.536	0.553	0.497	14.24
58)	Fluorene	1.464	1.485	1.536	1.516	1.553	1.556	1.576	1.527	2.66
59)	2,3,4,6-Tetrac...	0.335	0.376	0.408	0.401	0.412	0.407	0.408	0.392	7.11
60)	Diethylphthalate	1.601	1.688	1.753	1.709	1.763	1.758	1.764	1.719	3.48
61)	4-Chlorophenyl...	0.811	0.825	0.861	0.850	0.875	0.876	0.893	0.856	3.43
62)	4-Nitroaniline		0.335	0.385	0.405	0.425	0.415	0.434	0.400	9.04
63)	Azobenzene	1.571	1.816	1.918	1.876	1.921	1.899	1.904	1.844	6.79
64) I	Phenanthrene-d10	-----ISTD-----								
65)	4,6-Dinitro-2-...		0.111	0.134	0.141	0.148	0.152	0.156	0.140	11.49
66) c	n-Nitrosodiphe...	0.580	0.619	0.647	0.638	0.642	0.652	0.645	0.632	3.97
67)	4-Bromophenyl-...	0.201	0.214	0.228	0.226	0.228	0.235	0.235	0.224	5.44
68)	Hexachlorobenzene	0.254	0.249	0.261	0.258	0.263	0.267	0.269	0.260	2.72
69)	Atrazine	0.196	0.221	0.223	0.206	0.195	0.181		0.204	8.01
70) C	Pentachlorophenol	0.121	0.155	0.175	0.178	0.183	0.184	0.178	0.168	13.62
71)	Phenanthrene	1.066	1.061	1.082	1.062	1.085	1.083	1.084	1.075	1.02
72)	Anthracene	0.952	1.020	1.061	1.055	1.078	1.079	1.079	1.046	4.44
73)	Carbazole	0.989	1.075	1.107	1.109	1.130	1.118	1.122	1.093	4.50
74)	Di-n-butylphth...	1.027	1.182	1.308	1.294	1.339	1.335	1.315	1.257	9.10
75) C	Fluoranthene	1.166	1.195	1.249	1.259	1.291	1.261	1.270	1.242	3.58
76) I	Chrysene-d12	-----ISTD-----								
77)	Benzidine	0.453	0.489	0.456	0.551	0.439	0.399	0.366	0.450	13.32
78)	Pyrene	1.062	1.137	1.217	1.170	1.177	1.204	1.164	1.162	4.41
79) S	Terphenyl-d14	0.938	0.979	1.054	1.001	0.990	0.969	0.854	0.970	6.37
80)	Butylbenzylphth...	0.383	0.482	0.556	0.556	0.565	0.588	0.576	0.529	13.77
81)	Benzo(a)anthra...	1.116	1.147	1.187	1.179	1.186	1.181	1.165	1.166	2.23
82)	3,3'-Dichlorob...	0.415	0.461	0.471	0.477	0.475	0.468	0.458	0.461	4.58

Method Path : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\

Method File : 8270-BM021119.M

83)	Chrysene	1.096	1.113	1.126	1.123	1.131	1.121	1.110	1.117	1.05
84)	Bis(2-ethylhex...	0.589	0.718	0.803	0.805	0.833	0.851	0.825	0.775	11.91
85) c	Di-n-octyl pht...	1.033	1.214	1.326	1.371	1.402	1.399	1.371	1.302	10.38
86)	Indeno(1,2,3-c...	1.328	1.317	1.151	1.414	1.371	1.126	1.324	1.290	8.46
87) I	Perylene-d12	-----ISTD-----								
88)	Benzo(b)fluora...	1.051	1.087	1.200	1.136	1.153	1.222	1.161	1.144	5.24
89)	Benzo(k)fluora...	1.073	1.091	1.143	1.124	1.175	1.189	1.179	1.139	3.96
90) C	Benzo(a)pyrene	1.008	1.030	1.098	1.088	1.114	1.124	1.126	1.084	4.34
91)	Dibenzo(a,h)an...	1.039	1.064	1.021	1.135	1.128	1.020	1.110	1.074	4.66
92)	Benzo(g,h,i)pe...	1.023	1.014	0.938	1.067	1.026	0.920	1.011	1.000	5.22

(#) = Out of Range