

Method Path : Z:\HPCHEM1\BNA_G\METHODS\
 Method File : 8270-BG101015.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Sat Oct 10 07:04:31 2015
 Response Via : Initial Calibration

Calibration Files

2.5 =BG019096.D 10 =BG019097.D 25 =BG019098.D 40 =BG019099.D 50 =BG019100.D 60 =BG019101.D 80 =BG019102.D

	Compound	2.5	10	25	40	50	60	80	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----								
2)	1,4-Dioxane	0.430	0.493	0.413	0.379	0.372	0.388	0.417	0.413	9.97
3)	Pyridine	1.203	1.314	1.235	1.237	1.248	1.240	1.365	1.263	4.45
4)	n-Nitrosodimet...	0.772	0.738	0.710	0.703	0.701	0.668	0.722	0.716	4.58
5) S	2-Fluorophenol	1.109	1.024	0.973	0.940	0.921	0.919	0.991	0.982	6.89
6)	Aniline	2.203	2.039	2.040	1.979	1.994	1.932	2.116	2.043	4.46
7) S	Phenol-d6	1.587	1.512	1.511	1.477	1.474	1.434	1.568	1.509	3.58
8)	2-Chlorophenol	1.376	1.258	1.237	1.179	1.181	1.152	1.246	1.233	6.04
9)	Benzaldehyde	1.153	1.090	1.013	0.920	0.851	0.820	0.807	0.950	14.43
10) C	Phenol	1.708	1.547	1.559	1.542	1.492	1.514	1.638	1.571	4.82
11)	bis(2-Chloroet...	1.352	1.233	1.161	1.123	1.129	1.109	1.204	1.187	7.21
12)	1,3-Dichlorobe...	1.506	1.387	1.344	1.294	1.265	1.267	1.357	1.346	6.28
13) C	1,4-Dichlorobe...	1.565	1.399	1.385	1.306	1.307	1.293	1.385	1.377	6.82
14)	1,2-Dichlorobe...	1.475	1.393	1.341	1.264	1.267	1.256	1.332	1.332	6.04
15)	Benzyl Alcohol	1.469	1.271	1.321	1.348	1.312	1.304	1.413	1.348	5.14
16)	2,2'-oxybis(1-...	2.981	2.619	2.469	2.415	2.394	2.378	2.545	2.543	8.32
17)	2-Methylphenol	1.114	1.119	1.111	1.126	1.091	1.091	1.203	1.122	3.40
18)	Hexachloroethane	0.570	0.541	0.512	0.505	0.510	0.499	0.537	0.525	4.82
19) P	n-Nitroso-di-n...	1.306	1.191	1.181	1.181	1.162	1.138	1.223	1.197	4.55
20)	3+4-Methylphenols	1.680	1.579	1.576	1.608	1.579	1.585	1.707	1.616	3.37
21) I	Naphthalene-d8	-----ISTD-----								
22)	Acetophenone	0.520	0.480	0.450	0.454	0.456	0.446	0.468	0.468	5.51
23) S	Nitrobenzene-d5	0.398	0.369	0.349	0.364	0.348	0.341	0.364	0.362	5.26
24)	Nitrobenzene	0.434	0.390	0.366	0.377	0.377	0.361	0.384	0.384	6.33
25)	Isophorone	0.781	0.735	0.720	0.733	0.715	0.712	0.758	0.736	3.43
26) C	2-Nitrophenol	0.175	0.160	0.161	0.164	0.159	0.159	0.168	0.164	3.50
27)	2,4-Dimethylph...	0.308	0.291	0.278	0.282	0.276	0.273	0.294	0.286	4.33
28)	bis(2-Chloroet...	0.455	0.400	0.379	0.385	0.376	0.368	0.389	0.393	7.39
29) C	2,4-Dichloroph...	0.334	0.300	0.290	0.296	0.290	0.287	0.304	0.300	5.36
30)	1,2,4-Trichlor...	0.367	0.333	0.312	0.311	0.311	0.299	0.321	0.322	6.95
31)	Naphthalene	1.137	0.985	0.931	0.939	0.915	0.890	0.942	0.963	8.52
32)	Benzoic acid		0.088	0.143	0.172	0.169	0.174	0.200	0.158	24.45
33)	4-Chloroaniline	0.509	0.463	0.424	0.437	0.428	0.422	0.447	0.447	6.91
34) C	Hexachlorobuta...	0.260	0.230	0.210	0.217	0.209	0.203	0.216	0.221	8.75
35)	Caprolactam	0.089	0.113	0.108	0.113	0.115	0.111	0.125	0.110	9.92
36) C	4-Chloro-3-met...	0.424	0.384	0.370	0.380	0.368	0.359	0.385	0.381	5.49
37)	2-Methylnaphth...	0.846	0.762	0.725	0.727	0.725	0.702	0.748	0.748	6.30

Method Path : Z:\HPCHEM1\BNA_G\METHODS\
 Method File : 8270-BG101015.M

38) I	Acenaphthene-d10	-----ISTD-----								
39)	1,2,4,5-Tetrac...	0.657	0.581	0.559	0.573	0.549	0.527	0.578	0.575	7.11
40) P	Hexachlorocycl...		0.250	0.287	0.314	0.309	0.297	0.337	0.299	9.90
41) S	2,4,6-Tribromo...	0.293	0.270	0.263	0.267	0.270	0.258	0.287	0.273	4.60
42) C	2,4,6-Trichlor...	0.412	0.393	0.392	0.412	0.399	0.378	0.415	0.400	3.37
43)	2,4,5-Trichlor...	0.448	0.425	0.420	0.437	0.411	0.401	0.434	0.425	3.76
44) S	2-Fluorobiphenyl	1.536	1.351	1.300	1.267	1.227	1.164	1.260	1.301	9.14
45)	1,1'-Biphenyl	1.747	1.510	1.423	1.398	1.361	1.298	1.429	1.452	10.00
46)	2-Chloronaphth...	1.281	1.160	1.098	1.102	1.064	1.008	1.111	1.118	7.66
47)	2-Nitroaniline	0.483	0.446	0.443	0.449	0.436	0.419	0.464	0.449	4.54
48)	Acenaphthylene	2.298	1.987	1.932	1.930	1.871	1.803	1.977	1.971	7.98
49)	Dimethylphthalate	1.901	1.611	1.541	1.515	1.496	1.429	1.564	1.580	9.66
50)	2,6-Dinitrotol...	0.347	0.337	0.334	0.338	0.334	0.319	0.353	0.337	3.13
51) C	Acenaphthene	1.376	1.230	1.207	1.152	1.101	1.063	1.166	1.185	8.59
52)	3-Nitroaniline	0.406	0.381	0.368	0.363	0.357	0.349	0.382	0.372	5.13
53) P	2,4-Dinitrophenol		0.101	0.146	0.168	0.168	0.170	0.202	0.159	21.20
54)	Dibenzofuran	2.074	1.831	1.700	1.689	1.643	1.585	1.737	1.751	9.21
55) P	4-Nitrophenol	0.241	0.276	0.284	0.286	0.294	0.278	0.314	0.282	7.82
56)	2,4-Dinitrotol...	0.478	0.490	0.489	0.487	0.496	0.476	0.519	0.491	2.92
57)	Fluorene	1.783	1.586	1.488	1.457	1.437	1.380	1.502	1.519	8.72
58)	2,3,4,6-Tetrac...	0.394	0.405	0.396	0.409	0.399	0.388	0.428	0.403	3.24
59)	Diethylphthalate	1.944	1.681	1.593	1.596	1.553	1.487	1.632	1.641	8.95
60)	4-Chlorophenyl...	0.957	0.793	0.741	0.740	0.728	0.695	0.763	0.774	11.16
61)	4-Nitroaniline	0.412	0.426	0.392	0.399	0.401	0.384	0.418	0.405	3.69
62)	Azobenzene	1.775	1.555	1.478	1.487	1.456	1.379	1.520	1.522	8.18
63) I	Phenanthrene-d10	-----ISTD-----								
64)	4,6-Dinitro-2-...		0.092	0.103	0.113	0.111	0.113	0.123	0.109	9.69
65) c	n-Nitrosodiphe...	0.638	0.569	0.543	0.539	0.517	0.519	0.544	0.553	7.54
66)	4-Bromophenyl-...	0.224	0.208	0.196	0.200	0.197	0.193	0.205	0.203	5.16
67)	Hexachlorobenzene	0.267	0.241	0.234	0.235	0.230	0.228	0.235	0.239	5.60
68)	Atrazine	0.240	0.241	0.224	0.224	0.221	0.215	0.228	0.228	4.14
69) C	Pentachlorophenol	0.095	0.106	0.125	0.134	0.130	0.134	0.147	0.124	14.36
70)	Phenanthrene	1.221	1.078	0.997	0.993	0.963	0.965	0.989	1.029	9.01
71)	Anthracene	1.190	1.074	1.011	1.002	0.969	0.967	0.994	1.030	7.70
72)	Carbazole	1.113	1.015	0.942	0.927	0.915	0.906	0.929	0.964	7.78
73)	Di-n-butylphth...	1.334	1.241	1.155	1.144	1.131	1.106	1.152	1.180	6.74
74) C	Fluoranthene	1.542	1.406	1.286	1.268	1.252	1.235	1.281	1.324	8.37
75) I	Chrysene-d12	-----ISTD-----								
76)	Benzidine	0.541	0.533	0.499	0.523	0.507	0.484	0.505	0.513	3.93
77)	Pyrene	1.286	1.154	1.078	1.103	1.071	1.047	1.102	1.120	7.18
78) S	Terphenyl-d14	0.893	0.793	0.727	0.738	0.721	0.695	0.732	0.757	8.84
79)	Butylbenzylphth...	0.499	0.463	0.443	0.452	0.448	0.432	0.458	0.456	4.69
80)	Benzo(a)anthra...	1.234	1.112	1.035	1.048	1.028	0.996	1.052	1.072	7.40
81)	3,3'-Dichlorob...	0.427	0.407	0.382	0.389	0.390	0.378	0.401	0.397	4.24
82)	Chrysene	1.197	1.061	0.976	0.980	0.972	0.938	0.999	1.018	8.61

Method Path : Z:\HPCHEM1\BNA_G\METHODS\
Method File : 8270-BG101015.M

83)	Bis(2-ethylhex...	0.703	0.662	0.607	0.622	0.614	0.597	0.632	0.634	5.80
84) c	Di-n-octyl pht...	1.216	1.117	1.057	1.062	1.075	1.032	1.105	1.095	5.56
85)	Indeno(1,2,3-c...	1.429	1.219	1.146	1.196	1.215	1.187	1.275	1.238	7.48
86) I	Perylene-d12	-----ISTD-----								
87)	Benzo(b)fluora...	1.210	1.091	1.063	1.029	1.035	1.022	1.078	1.075	6.01
88)	Benzo(k)fluora...	1.233	1.104	1.026	1.031	1.008	0.986	1.043	1.062	7.89
89) C	Benzo(a)pyrene	1.160	1.038	0.976	0.978	0.981	0.962	1.016	1.016	6.77
90)	Dibenzo(a,h)an...	1.282	1.096	1.039	1.046	1.042	1.038	1.092	1.091	8.08
91)	Benzo(g,h,i)pe...	1.216	1.016	0.946	0.970	0.973	0.965	1.014	1.014	9.14

(#) = Out of Range