

Method Path : Z:\HPCHEM1\BNA_G\METHODS\
 Method File : 8270-BG013017.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Mon Jan 30 18:29:38 2017
 Response Via : Initial Calibration

Calibration Files

2.5 =BG025702.D 10 =BG025703.D 25 =BG025704.D 40 =BG025705.D 50 =BG025706.D 60 =BG025707.D 80 =BG025708.D

	Compound	2.5	10	25	40	50	60	80	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----								
2)	1,4-Dioxane	0.517	0.544	0.471	0.504	0.488	0.545	0.472	0.506	6.13
3)	Pyridine	1.063	1.300	1.446	1.366	1.473	1.499	1.463	1.373	11.16
4)	n-Nitrosodimet...	0.668	0.746	0.815	0.798	0.812	0.857	0.833	0.790	8.07
5) S	2-Fluorophenol	0.961	1.205	1.138	1.124	1.125	1.154	1.104	1.116	6.77
6)	Aniline	1.890	2.440	2.385	2.318	2.325	2.380	2.335	2.296	8.02
7) S	Phenol-d6	1.346	1.758	1.697	1.604	1.672	1.708	1.624	1.630	8.31
8)	2-Chlorophenol	1.261	1.257	1.310	1.258	1.256	1.287	1.239	1.267	1.86
9)	Benzaldehyde	1.371	1.398	1.441	1.357	1.337	1.433	1.342	1.383	3.07
10) C	Phenol	1.807	1.838	1.912	1.826	1.793	1.861	1.786	1.832	2.39
11)	bis(2-Chloroet...	1.262	1.512	1.498	1.417	1.482	1.508	1.461	1.448	6.10
12)	1,3-Dichlorobe...	1.537	1.584	1.608	1.476	1.567	1.561	1.510	1.549	2.91
13) C	1,4-Dichlorobe...	1.576	1.644	1.605	1.526	1.539	1.618	1.516	1.575	3.15
14)	1,2-Dichlorobe...	1.373	1.587	1.568	1.512	1.506	1.530	1.489	1.509	4.61
15)	Benzyl Alcohol	1.026	1.383	1.529	1.429	1.431	1.529	1.539	1.409	12.75
16)	2,2'-oxybis(1-...	2.626	3.153	3.068	2.813	2.951	2.959	2.902	2.924	5.87
17)	2-Methylphenol	1.273	1.268	1.283	1.185	1.234	1.256	1.260	1.251	2.65
18)	Hexachloroethane	0.617	0.676	0.670	0.616	0.626	0.657	0.626	0.641	4.02
19) P	n-Nitroso-di-n...	1.241	1.529	1.519	1.439	1.432	1.473	1.435	1.438	6.65
20)	3+4-Methylphenols	1.332	1.829	1.831	1.722	1.670	1.803	1.766	1.708	10.28
21) I	Naphthalene-d8	-----ISTD-----								
22)	Acetophenone	0.500	0.563	0.566	0.568	0.540	0.557	0.538	0.548	4.42
23) S	Nitrobenzene-d5	0.425	0.463	0.496	0.503	0.471	0.488	0.468	0.473	5.54
24)	Nitrobenzene	0.511	0.504	0.525	0.534	0.510	0.525	0.508	0.517	2.13
25)	Isophorone	0.981	0.877	0.942	0.935	0.898	0.929	0.894	0.922	3.84
26) C	2-Nitrophenol	0.163	0.164	0.191	0.193	0.183	0.197	0.190	0.183	7.51
27)	2,4-Dimethylph...	0.286	0.314	0.307	0.350	0.322	0.326	0.328	0.319	6.25
28)	bis(2-Chloroet...	0.436	0.472	0.510	0.505	0.484	0.514	0.496	0.488	5.59
29) C	2,4-Dichloroph...	0.245	0.309	0.364	0.354	0.331	0.348	0.339	0.327	12.33
30)	1,2,4-Trichlor...	0.354	0.372	0.393	0.393	0.381	0.394	0.379	0.381	3.77
31)	Naphthalene	1.004	1.038	1.070	1.079	1.012	1.055	1.009	1.038	2.96
32)	Benzoic acid		0.101	0.149	0.192	0.210	0.216	0.224	0.182	26.21
33)	4-Chloroaniline		0.400	0.431	0.453	0.432	0.439	0.434	0.432	4.04
34) C	Hexachlorobuta...	0.329	0.314	0.316	0.316	0.297	0.303	0.293	0.310	4.09
35)	Caprolactam		0.135	0.139	0.142	0.137	0.142	0.141	0.139	2.11
36) C	4-Chloro-3-met...	0.328	0.366	0.426	0.427	0.406	0.425	0.414	0.399	9.45
37)	2-Methylnaphth...	0.809	0.776	0.838	0.828	0.769	0.810	0.781	0.802	3.34

Method Path : Z:\HPCHEM1\BNA_G\METHODS\
 Method File : 8270-BG013017.M

38)	I	Acenaphthene-d10	-----ISTD-----								
39)		1,2,4,5-Tetrac...	0.694	0.657	0.673	0.690	0.644	0.650	0.681	0.670	2.96
40)	P	Hexachlorocycl...		0.080	0.159	0.198	0.226	0.240	0.270	0.195	34.85
41)	S	2,4,6-Tribromo...	0.269	0.285	0.276	0.293	0.289	0.285	0.299	0.285	3.56
42)	C	2,4,6-Trichlor...	0.365	0.378	0.395	0.402	0.395	0.400	0.410	0.392	3.91
43)		2,4,5-Trichlor...		0.401	0.415	0.426	0.428	0.432	0.437	0.423	3.13
44)	S	2-Fluorobiphenyl	1.354	1.293	1.231	1.231	1.177	1.171	1.163	1.231	5.75
45)		1,1'-Biphenyl	1.356	1.398	1.407	1.412	1.381	1.388	1.398	1.391	1.36
46)		2-Chloronaphth...	1.143	1.090	1.086	1.080	1.071	1.086	1.093	1.093	2.11
47)		2-Nitroaniline	0.436	0.437	0.466	0.482	0.488	0.483	0.499	0.470	5.32
48)		Acenaphthylene	1.877	1.908	1.803	1.803	1.767	1.774	1.792	1.818	2.96
49)		Dimethylphthalate	1.538	1.580	1.485	1.543	1.473	1.449	1.475	1.506	3.14
50)		2,6-Dinitrotol...	0.341	0.353	0.334	0.338	0.341	0.334	0.347	0.341	2.05
51)	C	Acenaphthene	1.120	1.119	1.126	1.136	1.120	1.101	1.141	1.123	1.18
52)		3-Nitroaniline		0.311	0.305	0.330	0.322	0.327	0.335	0.322	3.53
53)	P	2,4-Dinitrophenol		0.074	0.126	0.171	0.185	0.192	0.209	0.159	31.71
54)		Dibenzofuran	1.795	1.697	1.722	1.690	1.653	1.648	1.675	1.697	2.95
55)	P	4-Nitrophenol		0.134	0.197	0.228	0.245	0.237	0.250	0.215	20.44
56)		2,4-Dinitrotol...	0.445	0.498	0.501	0.514	0.510	0.508	0.516	0.499	4.92
57)		Fluorene	1.560	1.532	1.485	1.518	1.473	1.502	1.484	1.508	2.05
58)		2,3,4,6-Tetrac...	0.309	0.357	0.412	0.433	0.423	0.409	0.426	0.396	11.54
59)		Diethylphthalate	1.704	1.630	1.573	1.598	1.567	1.551	1.555	1.597	3.43
60)		4-Chlorophenyl...	0.800	0.834	0.815	0.851	0.804	0.796	0.820	0.817	2.39
61)		4-Nitroaniline		0.272	0.312	0.331	0.348	0.328	0.347	0.323	8.83
62)		Azobenzene	1.573	1.587	1.690	1.662	1.632	1.604	1.627	1.625	2.56
63)	I	Phenanthrene-d10	-----ISTD-----								
64)		4,6-Dinitro-2-...		0.123	0.137	0.150	0.147	0.149	0.146	0.142	7.34
65)	c	n-Nitrosodipe...	0.579	0.582	0.589	0.583	0.555	0.564	0.566	0.574	2.13
66)		4-Bromophenyl-...	0.237	0.253	0.246	0.249	0.236	0.241	0.242	0.243	2.59
67)		Hexachlorobenzene	0.288	0.276	0.276	0.270	0.269	0.266	0.270	0.274	2.66
68)		Atrazine	0.315	0.285	0.281	0.283	0.277	0.276	0.267	0.283	5.42
69)	C	Pentachlorophenol		0.099	0.112	0.128	0.122	0.129	0.131	0.120	10.12
70)		Phenanthrene	1.102	1.127	1.119	1.118	1.063	1.063	1.016	1.087	3.75
71)		Anthracene	1.121	1.169	1.140	1.155	1.106	1.101	1.053	1.121	3.47
72)		Carbazole	1.025	1.138	1.110	1.144	1.085	1.079	1.017	1.085	4.62
73)		Di-n-butylphth...	1.323	1.362	1.288	1.292	1.207	1.199	1.120	1.256	6.66
74)	C	Fluoranthene	1.677	1.609	1.527	1.503	1.429	1.401	1.282	1.490	8.90
75)	I	Chrysene-d12	-----ISTD-----								
76)		Benzidine	0.565	0.688	0.710	0.745	0.712	0.706	0.681	0.687	8.39
77)		Pyrene	1.137	1.096	1.152	1.151	1.112	1.104	1.048	1.114	3.31
78)	S	Terphenyl-d14	0.939	0.885	0.885	0.850	0.790	0.759	0.692	0.829	10.34
79)		Butylbenzylphth...	0.475	0.462	0.463	0.460	0.462	0.463	0.453	0.463	1.43
80)		Benzo(a)anthra...	1.273	1.229	1.198	1.194	1.158	1.142	1.097	1.184	4.92
81)		3,3'-Dichlorob...	0.466	0.454	0.477	0.477	0.462	0.462	0.456	0.465	1.99
82)		Chrysene	1.181	1.142	1.152	1.128	1.099	1.087	1.048	1.120	4.01

Method Path : Z:\HPCHEM1\BNA_G\METHODS\

Method File : 8270-BG013017.M

83)	Bis(2-ethylhex...	0.650	0.636	0.651	0.662	0.646	0.641	0.623	0.644	1.93
84) c	Di-n-octyl pht...	0.980	1.028	1.085	1.082	1.063	1.061	1.026	1.046	3.57
85)	Indeno(1,2,3-c...		1.298	1.375	1.374	1.375	1.381	1.387	1.365	2.43
86) I	Perylene-d12	-----ISTD-----								
87)	Benzo(b)fluora...	1.211	1.178	1.178	1.144	1.138	1.143	1.099	1.156	3.14
88)	Benzo(k)fluora...	1.177	1.204	1.102	1.134	1.121	1.104	1.078	1.131	3.94
89) C	Benzo(a)pyrene	1.123	1.117	1.102	1.096	1.081	1.102	1.076	1.100	1.58
90)	Dibenzo(a,h)an...	1.134	1.136	1.134	1.140	1.133	1.152	1.130	1.137	0.64
91)	Benzo(g,h,i)pe...		1.137	1.115	1.148	1.121	1.139	1.119	1.130	1.19

(#) = Out of Range