

Method Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA_G\Methods\
 Method File : 8270-BG021218.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Thu Feb 22 02:59:47 2018
 Response Via : Initial Calibration

Calibration Files

2.5 =BG032646.D 10 =BG032647.D 25 =BG032648.D 40 =BG032649.D 50 =BG032650.D 60 =BG032651.D 80 =BG032652.D

	Compound	2.5	10	25	40	50	60	80	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----								
2)	1,4-Dioxane	0.514	0.376	0.412	0.419	0.386	0.406	0.406	0.417	10.83
3)	Pyridine	0.909	1.032	1.097	1.029	1.175	1.176	1.070		9.54
4)	n-Nitrosodimet...	0.425	0.458	0.531	0.507	0.540	0.554	0.503		10.09
5) S	2-Fluorophenol	0.839	0.952	1.025	1.009	1.060	1.097	0.997		9.20
6)	Aniline	1.311	1.484	1.659	1.724	1.627	1.702	1.771	1.611	9.99
7) S	Phenol-d6	1.221	1.293	1.434	1.352	1.432	1.446	1.363		6.73
8)	2-Chlorophenol	0.827	1.087	1.179	1.293	1.148	1.240	1.249	1.146	13.69
9)	Benzaldehyde	0.860	0.894	0.846	0.752	0.767	0.715	0.806		8.80
10) C	Phenol	1.131	1.336	1.397	1.307	1.373	1.409	1.326		7.76
11)	bis(2-Chloroet...	0.906	1.027	1.175	0.941	1.162	1.166	1.063		11.44
12)	1,3-Dichlorobe...	1.543	1.633	1.588	1.667	1.580	1.658	1.647	1.617	2.88
13) C	1,4-Dichlorobe...	1.658	1.583	1.574	1.652	1.496	1.561	1.657	1.597	3.84
14)	1,2-Dichlorobe...	1.570	1.632	1.630	1.685	1.514	1.617	1.628	1.611	3.37
15)	Benzyl Alcohol	0.806	0.943	1.099	1.031	1.100	1.152	1.022		12.52
16)	2,2'-oxybis(1-...	1.083	1.161	1.150	1.208	1.077	1.152	1.176	1.144	4.18
17)	2-Methylphenol	0.819	0.912	0.963	0.943	0.992	1.004	0.939		7.19
18)	Hexachloroethane	0.568	0.590	0.572	0.622	0.551	0.584	0.596	0.583	3.94
19) P	n-Nitroso-di-n...	0.742	0.911	0.927	0.963	0.901	0.988	0.983	0.916	9.17
20)	3+4-Methylphenols	1.305	1.337	1.527	1.401	1.468	1.476	1.419		6.09
21) I	Naphthalene-d8	-----ISTD-----								
22)	Acetophenone	0.292	0.403	0.455	0.438	0.464	0.466	0.460	0.425	14.78
23) S	Nitrobenzene-d5	0.235	0.284	0.331	0.329	0.335	0.354	0.335	0.315	13.06
24)	Nitrobenzene	0.348	0.298	0.324	0.309	0.332	0.356	0.340	0.329	6.32
25)	Isophorone	0.582	0.598	0.601	0.591	0.607	0.619	0.602	0.600	1.95
26) C	2-Nitrophenol	0.145	0.174	0.172	0.188	0.198	0.179	0.176		10.13
27)	2,4-Dimethylph...	0.176	0.199	0.231	0.246	0.250	0.264	0.255	0.232	14.07
28)	bis(2-Chloroet...	0.279	0.312	0.298	0.314	0.326	0.311	0.307		5.34
29) C	2,4-Dichloroph...	0.282	0.345	0.330	0.349	0.369	0.358	0.339		9.11
30)	1,2,4-Trichlor...	0.462	0.458	0.471	0.467	0.479	0.503	0.485	0.475	3.23
31)	Naphthalene	0.961	0.951	0.958	0.955	0.983	1.023	0.968	0.971	2.56
32)	Benzoic acid	0.120	0.170	0.174	0.192	0.189		0.169		17.15
33)	4-Chloroaniline	0.337	0.389	0.374	0.395	0.409	0.408	0.385		7.01
34) C	Hexachlorobuta...	0.416	0.388	0.389	0.378	0.383	0.396	0.377	0.389	3.46
35)	Caprolactam	0.081	0.096	0.095	0.102	0.103	0.100	0.096		8.63
36) C	4-Chloro-3-met...	0.216	0.300	0.305	0.315	0.320	0.343	0.336	0.305	13.84
37)	2-Methylnaphth...	0.763	0.748	0.800	0.770	0.807	0.835	0.791	0.788	3.76

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38) I	Acenaphthene-d10	-----ISTD-----									
39)	1,2,4,5-Tetrac...	0.898	0.874	0.942	0.969	0.966	1.019	0.944	0.945	5.06	
40) P	Hexachlorocycl...		0.487	0.573	0.608	0.628	0.668	0.622	0.598	10.43	
41) S	2,4,6-Tribromo...	0.257	0.283	0.307	0.313	0.324	0.346	0.325	0.308	9.57	
42) C	2,4,6-Trichlor...	0.379	0.433	0.460	0.477	0.502	0.542	0.507	0.471	11.41	
43)	2,4,5-Trichlor...		0.541	0.552	0.630	0.577	0.624	0.601	0.588	6.27	
44) S	2-Fluorobiphenyl	1.526	1.607	1.594	1.611	1.626	1.677	1.553	1.599	3.07	
45)	1,1'-Biphenyl	1.472	1.572	1.648	1.665	1.720	1.763	1.678	1.646	5.88	
46)	2-Chloronaphth...	1.178	1.265	1.314	1.316	1.330	1.404	1.308	1.302	5.28	
47)	2-Nitroaniline	0.213	0.245	0.278	0.296	0.308	0.330	0.314	0.283	14.70	
48)	Acenaphthylene	1.749	1.852	1.929	1.913	1.947	2.077	1.944	1.916	5.22	
49)	Dimethylphthalate	1.659	1.663	1.718	1.740	1.753	1.846	1.722	1.729	3.64	
50)	2,6-Dinitrotol...	0.271	0.349	0.365	0.361	0.376	0.397	0.373	0.356	11.28	
51) C	Acenaphthene	1.193	1.218	1.279	1.321	1.350	1.436	1.361	1.308	6.48	
52)	3-Nitroaniline		0.268	0.319	0.312	0.323	0.336	0.327	0.314	7.63	
53) P	2,4-Dinitrophenol		0.029	0.109	0.145	0.165	0.190	0.194	0.139	44.91	
54)	Dibenzofuran	1.884	1.900	1.930	1.945	1.971	2.063	1.933	1.947	3.02	
55) P	4-Nitrophenol		0.141	0.193	0.211	0.204	0.244	0.232	0.204	17.78	
56)	2,4-Dinitrotol...	0.373	0.433	0.502	0.508	0.532	0.556	0.529	0.491	13.15	
57)	Fluorene	1.524	1.596	1.615	1.577	1.622	1.687	1.584	1.601	3.10	
58)	2,3,4,6-Tetrac...	0.483	0.535	0.541	0.550	0.575	0.613	0.576	0.553	7.36	
59)	Diethylphthalate	1.662	1.627	1.678	1.682	1.694	1.757	1.674	1.682	2.34	
60)	4-Chlorophenyl...	1.043	1.035	1.024	1.063	1.071	1.120	1.044	1.057	3.03	
61)	4-Nitroaniline		0.275	0.316	0.330	0.338	0.353	0.332	0.324	8.31	
62)	Azobenzene	0.974	1.054	1.090	1.097	1.111	1.143	1.097	1.081	4.99	
63) I	Phenanthrene-d10	-----ISTD-----									
64)	4,6-Dinitro-2-...		0.091	0.128	0.137	0.146	0.152	0.152	0.134	17.08	
65) c	n-Nitrosodiphe...	0.549	0.579	0.582	0.605	0.599	0.606	0.586	0.587	3.40	
66)	4-Bromophenyl-...	0.258	0.274	0.290	0.290	0.295	0.305	0.292	0.286	5.38	
67)	Hexachlorobenzene	0.303	0.304	0.300	0.311	0.314	0.317	0.303	0.307	2.11	
68)	Atrazine	0.221	0.243	0.261	0.257	0.260	0.270	0.250	0.252	6.39	
69) C	Pentachlorophenol		0.139	0.180	0.187	0.202	0.212	0.210	0.188	14.45	
70)	Phenanthrene	1.082	1.052	1.066	1.081	1.090	1.101	1.048	1.074	1.83	
71)	Anthracene	1.073	1.074	1.102	1.123	1.127	1.124	1.072	1.099	2.34	
72)	Carbazole	0.846	0.921	0.958	0.960	0.969	0.972	0.936	0.937	4.72	
73)	Di-n-butylphth...	0.925	1.009	1.073	1.084	1.109	1.123	1.064	1.055	6.43	
74) C	Fluoranthene	1.398	1.424	1.457	1.447	1.464	1.470	1.380	1.434	2.42	
75) I	Chrysene-d12	-----ISTD-----									
76)	Benzidine	0.349	0.488	0.477	0.486	0.516	0.512	0.468	0.471	12.01	
77)	Pyrene	1.131	1.210	1.204	1.208	1.192	1.221	1.161	1.190	2.71	
78) S	Terphenyl-d14	0.899	0.919	0.896	0.876	0.863	0.880	0.809	0.877	4.02	
79)	Butylbenzylphth...	0.350	0.352	0.384	0.403	0.412	0.435	0.409	0.392	8.09	
80)	Benzo(a)anthra...	1.229	1.248	1.241	1.266	1.264	1.292	1.226	1.252	1.86	
81)	3,3'-Dichlorob...	0.383	0.458	0.478	0.494	0.489	0.502	0.469	0.468	8.55	
82)	Chrysene	1.191	1.262	1.236	1.239	1.261	1.266	1.189	1.235	2.65	

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83)	Bis(2-ethylhex...	0.517	0.528	0.557	0.574	0.587	0.608	0.584	0.565	5.85
84) c	Di-n-octyl pht...	0.716	0.827	0.877	0.916	0.951	0.982	0.939	0.887	10.24
85)	Indeno(1,2,3-c...	1.296	1.378	1.445	1.493	1.530	1.573	1.523	1.463	6.64
86) I	Perylene-d12	-----ISTD-----								
87)	Benzo(b)fluora...	1.088	1.131	1.207	1.205	1.257	1.231	1.224	1.192	5.05
88)	Benzo(k)fluora...	1.242	1.201	1.241	1.221	1.244	1.282	1.203	1.234	2.27
89) C	Benzo(a)pyrene	1.043	1.133	1.174	1.158	1.217	1.223	1.180	1.161	5.25
90)	Dibenzo(a,h)an...	1.035	1.103	1.168	1.163	1.223	1.214	1.187	1.156	5.73
91)	Benzo(g,h,i)pe...	0.987	1.050	1.119	1.137	1.178	1.193	1.159	1.117	6.64

(#) = Out of Range