

Method Path : Z:\HPCHEM1\BNA_G\METHODS\
 Method File : 8270-BG051618.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Wed May 16 22:24:50 2018
 Response Via : Initial Calibration

Calibration Files

2.5 =BG034487.D 10 =BG034488.D 25 =BG034489.D 40 =BG034490.D 50 =BG034491.D 60 =BG034492.D 80 =BG034493.D

	Compound	2.5	10	25	40	50	60	80	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----								
2)	1,4-Dioxane	0.604	0.537	0.531	0.525	0.495	0.508	0.533	7.11	
3)	Pyridine	1.598	1.713	1.715	1.789	1.741	1.763	1.720	3.87	
4)	n-Nitrosodimet...	0.747	1.029	1.021	1.072	1.056	1.073	1.045	11.53	
5) S	2-Fluorophenol	1.194	1.316	1.293	1.299	1.326	1.335	1.328	3.74	
6)	Aniline		2.713	2.802	2.617	2.788	2.791	2.742	2.56	
7) S	Phenol-d6	1.952	2.059	2.143	2.080	2.190	2.166	2.114	3.81	
8)	2-Chlorophenol	1.329	1.413	1.379	1.334	1.400	1.369	1.388	2.32	
9)	Benzaldehyde		1.710	1.583	1.443	1.488	1.380	1.104	14.17	
10) C	Phenol	1.914	2.075	2.152	2.043	2.201	2.150	2.129	4.54	
11)	bis(2-Chloroet...	1.458	1.729	1.559	1.520	1.631	1.614	1.567	5.48	
12)	1,3-Dichlorobe...	1.523	1.686	1.592	1.611	1.648	1.631	1.621	3.14	
13) C	1,4-Dichlorobe...	1.588	1.581	1.650	1.628	1.720	1.680	1.672	3.07	
14)	1,2-Dichlorobe...	1.683	1.700	1.565	1.526	1.619	1.620	1.592	3.83	
15)	Benzyl Alcohol	1.698	2.085	2.286	2.182	2.257	2.253	2.285	9.84	
16)	2,2'-oxybis(1-...	1.451	1.935	1.814	1.807	1.871	1.854	1.841	8.79	
17)	2-Methylphenol	1.557	1.342	1.345	1.402	1.406	1.402	1.398	5.09	
18)	Hexachloroethane	0.668	0.678	0.697	0.677	0.704	0.719	0.703	2.65	
19) P	n-Nitroso-di-n...	1.499	1.793	1.817	1.780	1.740	1.719	1.695	6.20	
20)	3+4-Methylphenols	2.015	2.044	1.915	1.837	1.980	1.980	1.963	3.48	
21) I	Naphthalene-d8	-----ISTD-----								
22)	Acetophenone	0.638	0.629	0.644	0.657	0.635	0.648	0.622	1.86	
23) S	Nitrobenzene-d5	0.510	0.484	0.508	0.552	0.540	0.539	0.532	4.52	
24)	Nitrobenzene	0.485	0.534	0.549	0.578	0.557	0.544	0.556	5.36	
25)	Isophorone	0.988	1.007	1.004	1.055	1.025	1.019	1.006	2.10	
26) C	2-Nitrophenol	0.189	0.187	0.176	0.209	0.199	0.201	0.196	5.59	
27)	2,4-Dimethylph...	0.326	0.338	0.331	0.352	0.340	0.351	0.337	2.77	
28)	bis(2-Chloroet...	0.588	0.478	0.491	0.514	0.497	0.506	0.502	7.03	
29) C	2,4-Dichloroph...	0.297	0.347	0.353	0.365	0.367	0.376	0.372	7.62	
30)	1,2,4-Trichlor...	0.461	0.417	0.407	0.429	0.403	0.413	0.415	4.62	
31)	Naphthalene	1.092	1.017	1.003	1.074	1.034	1.037	1.021	3.07	
32)	Benzoic acid		0.196	0.229	0.241	0.255	0.264	0.256	10.40	
33)	4-Chloroaniline	0.428	0.436	0.452	0.487	0.462	0.457	0.452	4.22	
34) C	Hexachlorobuta...	0.361	0.324	0.314	0.342	0.330	0.333	0.336	4.41	
35)	Caprolactam	0.124	0.134	0.139	0.150	0.131	0.133	0.130	6.13	
36) C	4-Chloro-3-met...	0.425	0.471	0.466	0.518	0.488	0.487	0.482	5.96	
37)	2-Methylnaphth...	0.901	0.817	0.814	0.885	0.830	0.808	0.823	4.45	

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38) I	Acenaphthene-d10	-----ISTD-----								
39)	1,2,4,5-Tetrac...	0.731	0.672	0.738	0.748	0.798	0.789	0.785	0.752	5.85
40) P	Hexachlorocycl...	0.486	0.524	0.573	0.612	0.632	0.656	0.637	0.589	10.83
41) S	2,4,6-Tribromo...	0.341	0.337	0.333	0.346	0.345	0.361	0.348	0.344	2.61
42) C	2,4,6-Trichlor...	0.399	0.450	0.454	0.483	0.480	0.506	0.502	0.468	7.93
43)	2,4,5-Trichlor...	0.459	0.496	0.495	0.523	0.525	0.548	0.546	0.513	6.19
44) S	2-Fluorobiphenyl	1.578	1.438	1.444	1.448	1.467	1.503	1.434	1.473	3.53
45)	1,1'-Biphenyl	1.553	1.559	1.534	1.571	1.599	1.637	1.575	1.575	2.15
46)	2-Chloronaphth...	1.246	1.237	1.205	1.241	1.255	1.262	1.233	1.240	1.48
47)	2-Nitroaniline	0.486	0.462	0.478	0.508	0.537	0.541	0.533	0.507	6.23
48)	Acenaphthylene	2.011	1.892	1.842	1.885	1.894	1.935	1.824	1.898	3.26
49)	Dimethylphthalate	1.743	1.804	1.674	1.736	1.714	1.759	1.653	1.726	2.98
50)	2,6-Dinitrotol...	0.341	0.331	0.356	0.363	0.359	0.374	0.356	0.354	4.04
51) C	Acenaphthene	1.256	1.262	1.193	1.228	1.197	1.236	1.239	1.230	2.16
52)	3-Nitroaniline	0.304	0.327	0.318	0.334	0.339	0.350	0.320	0.327	4.64
53) P	2,4-Dinitrophenol		0.198	0.211	0.242	0.245	0.257	0.245	0.233	9.93
54)	Dibenzofuran	2.209	2.028	1.945	1.997	2.001	2.016	1.928	2.018	4.57
55) P	4-Nitrophenol		0.250	0.289	0.289	0.296	0.307	0.294	0.288	6.83
56)	2,4-Dinitrotol...	0.492	0.511	0.528	0.525	0.533	0.563	0.527	0.526	4.15
57)	Fluorene	1.595	1.575	1.570	1.586	1.592	1.576	1.530	1.575	1.40
58)	2,3,4,6-Tetrac...	0.540	0.546	0.546	0.578	0.568	0.572	0.569	0.560	2.75
59)	Diethylphthalate	1.817	1.857	1.738	1.788	1.775	1.853	1.739	1.795	2.74
60)	4-Chlorophenyl...	1.029	0.941	0.885	0.921	0.911	0.945	0.913	0.935	4.93
61)	4-Nitroaniline	0.416	0.373	0.345	0.376	0.369	0.360	0.357	0.371	5.98
62)	Azobenzene	1.993	1.920	1.855	1.904	1.908	1.928	1.834	1.906	2.70
63) I	Phenanthrene-d10	-----ISTD-----								
64)	4,6-Dinitro-2-...		0.118	0.125	0.127	0.133	0.132	0.135	0.128	4.91
65) c	n-Nitrosodiphe...	0.550	0.589	0.591	0.599	0.594	0.586	0.585	0.585	2.76
66)	4-Bromophenyl-...	0.210	0.259	0.265	0.276	0.281	0.277	0.273	0.263	9.32
67)	Hexachlorobenzene	0.251	0.293	0.297	0.307	0.295	0.297	0.295	0.291	6.20
68)	Atrazine	0.270	0.258	0.254	0.273	0.263	0.251	0.245	0.259	3.84
69) C	Pentachlorophenol	0.126	0.168	0.176	0.190	0.191	0.186	0.191	0.175	13.37
70)	Phenanthrene	1.111	1.110	1.127	1.107	1.085	1.058	1.027	1.089	3.25
71)	Anthracene	1.143	1.093	1.135	1.111	1.114	1.079	1.052	1.104	2.87
72)	Carbazole	0.890	0.937	0.945	0.934	0.929	0.903	0.856	0.913	3.52
73)	Di-n-butylphth...	1.137	1.147	1.166	1.166	1.145	1.104	1.052	1.131	3.60
74) C	Fluoranthene	1.352	1.421	1.389	1.373	1.342	1.269	1.227	1.339	5.10
75) I	Chrysene-d12	-----ISTD-----								
76)	Benzidine		0.349	0.513	0.570	0.547	0.552		0.506	17.80
77)	Pyrene	1.219	1.260	1.305	1.274	1.270	1.236	1.200	1.252	2.88
78) S	Terphenyl-d14	0.941	0.948	0.947	0.908	0.903	0.893	0.843	0.912	4.16
79)	Butylbenzylpht...	0.447	0.460	0.479	0.494	0.507	0.498	0.494	0.483	4.52
80)	Benzo(a)anthra...	1.366	1.302	1.308	1.291	1.300	1.283	1.247	1.300	2.73
81)	3,3'-Dichlorob...	0.475	0.475	0.527	0.526	0.524	0.513	0.498	0.505	4.60
82)	Chrysene	1.191	1.213	1.211	1.210	1.180	1.183	1.155	1.192	1.79

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83)	Bis(2-ethylhex...	0.634	0.631	0.658	0.672	0.679	0.662	0.652	0.656	2.78
84) c	Di-n-octyl pht...	1.019	1.036	1.112	1.131	1.143	1.119	1.121	1.097	4.47
85)	Indeno(1,2,3-c...	1.332	1.497	1.525	1.590	1.583	1.573	1.575	1.525	6.02
86) I	Perylene-d12	-----ISTD-----								
87)	Benzo(b)fluora...	1.295	1.217	1.250	1.251	1.283	1.323	1.240	1.266	2.87
88)	Benzo(k)fluora...	1.195	1.142	1.235	1.220	1.192	1.238	1.193	1.202	2.76
89) C	Benzo(a)pyrene	1.165	1.119	1.237	1.206	1.225	1.256	1.200	1.201	3.86
90)	Dibenzo(a,h)an...	1.167	1.101	1.200	1.219	1.218	1.251	1.182	1.191	4.04
91)	Benzo(g,h,i)pe...	1.204	1.122	1.203	1.208	1.190	1.259	1.197	1.197	3.37

(#) = Out of Range