

Method Path : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\
 Method File : 8270-BG061121.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Fri Jun 11 16:03:10 2021
 Response Via : Initial Calibration

Calibration Files

5 =BG048904.D 10 =BG048905.D 20 =BG048906.D 40 =BG048907.D 50 =BG048908.D 60 =BG048909.D 80 =BG048910.D

	Compound	5	10	20	40	50	60	80	Avg	%RSD

1) I	1,4-Dichlorobenzen...	-----ISTD-----								
2)	1,4-Dioxane	0.711	0.653	0.661	0.543	0.628	0.608	0.586	0.627	8.70
3)	Pyridine	1.675	1.629	1.844	1.566	1.733	1.741	1.722	1.702	5.24
4)	n-Nitrosodimet...	0.659	0.715	0.892	0.774	0.883	0.892	0.889	0.815	12.06
5) S	2-Fluorophenol	1.376	1.325	1.383	1.143	1.251	1.273	1.242	1.285	6.59
6)	Aniline	2.533	2.485	2.594	2.177	2.388	2.403	2.396	2.425	5.53
7) S	Phenol-d6	2.014	1.929	2.095	1.744	1.901	1.910	1.886	1.926	5.69
8)	2-Chlorophenol	1.540	1.504	1.496	1.240	1.392	1.386	1.356	1.416	7.38
9)	Benzaldehyde	1.123	1.124	1.099	0.849	0.958	0.947	0.876	0.996	11.79
10) C	Phenol	2.112	2.114	2.108	1.762	1.925	1.953	1.952	1.989	6.60
11)	bis(2-Chloroet...	1.583	1.558	1.536	1.328	1.461	1.432	1.435	1.476	6.04
12)	1,3-Dichlorobe...	1.718	1.634	1.694	1.427	1.540	1.527	1.534	1.582	6.57
13) C	1,4-Dichlorobe...	1.675	1.678	1.653	1.391	1.567	1.535	1.541	1.577	6.52
14)	1,2-Dichlorobe...	1.708	1.560	1.595	1.331	1.470	1.494	1.462	1.517	7.85
15)	Benzyl Alcohol	1.822	1.816	1.856	1.548	1.753	1.769	1.780	1.764	5.75
16)	2,2'-oxybis(1-...	2.958	2.930	3.012	2.476	2.707	2.769	2.698	2.793	6.72
17)	2-Methylphenol	1.335	1.379	1.410	1.169	1.291	1.278	1.270	1.305	6.11
18)	Hexachloroethane	0.668	0.621	0.668	0.566	0.638	0.648	0.620	0.633	5.55
19) P	n-Nitroso-di-n...	1.666	1.600	1.579	1.318	1.444	1.484	1.446	1.505	7.81
20)	3+4-Methylphenols	1.802	1.867	1.885	1.606	1.768	1.798	1.760	1.784	5.13
21) I	Naphthalene-d8	-----ISTD-----								
22)	Acetophenone	0.637	0.600	0.633	0.526	0.611	0.608	0.645	0.608	6.58
23) S	Nitrobenzene-d5	0.452	0.435	0.472	0.407	0.483	0.481	0.515	0.464	7.63
24)	Nitrobenzene	0.532	0.491	0.534	0.454	0.534	0.536	0.576	0.522	7.45
25)	Isophorone	1.072	1.007	1.043	0.872	1.013	1.008	1.059	1.010	6.55
26) C	2-Nitrophenol	0.151	0.161	0.177	0.157	0.189	0.195	0.211	0.177	12.53
27)	2,4-Dimethylph...	0.314	0.321	0.338	0.277	0.328	0.324	0.347	0.321	6.99
28)	bis(2-Chloroet...	0.486	0.459	0.483	0.407	0.474	0.468	0.498	0.468	6.35
29) C	2,4-Dichloroph...	0.354	0.352	0.373	0.316	0.374	0.367	0.387	0.360	6.37
30)	1,2,4-Trichlor...	0.434	0.408	0.430	0.355	0.416	0.412	0.439	0.413	6.86
31)	Naphthalene	1.219	1.235	1.237	1.034	1.194	1.178	1.244	1.191	6.15
32)	Benzoic acid		0.183	0.194	0.188	0.238	0.246		0.210	14.19
33)	4-Chloroaniline	0.508	0.519	0.521	0.435	0.512	0.510	0.537	0.506	6.49
34) C	Hexachlorobuta...	0.299	0.296	0.308	0.253	0.299	0.293	0.316	0.295	6.75
35)	Caprolactam	0.106	0.101	0.102	0.090	0.106	0.106	0.118	0.104	7.96
36) C	4-Chloro-3-met...	0.433	0.441	0.463	0.382	0.450	0.452	0.463	0.441	6.33
37)	2-Methylnaphth...	0.943	0.911	0.936	0.771	0.902	0.895	0.943	0.900	6.71
38)	1-Methylnaphth...	0.884	0.848	0.876	0.731	0.849	0.842	0.885	0.845	6.34

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39) I	Acenaphthene-d10	-----ISTD-----								
40)	1,2,4,5-Tetrac...	0.651	0.642	0.653	0.535	0.654	0.632	0.679	0.635	7.34
41) P	Hexachlorocycl...	0.404	0.386	0.406	0.351	0.436	0.423	0.452	0.408	8.19
42) S	2,4,6-Tribromo...	0.282	0.283	0.304	0.255	0.311	0.309	0.330	0.296	8.31
43) C	2,4,6-Trichlor...	0.408	0.428	0.436	0.370	0.434	0.434	0.465	0.425	6.97
44)	2,4,5-Trichlor...	0.439	0.438	0.455	0.380	0.448	0.446	0.469	0.439	6.37
45) S	2-Fluorobiphenyl	1.492	1.468	1.500	1.218	1.421	1.377	1.434	1.416	6.86
46)	1,1'-Biphenyl	1.537	1.452	1.550	1.270	1.502	1.471	1.540	1.475	6.61
47)	2-Chloronaphth...	1.264	1.192	1.209	0.993	1.187	1.169	1.229	1.177	7.41
48)	2-Nitroaniline	0.331	0.331	0.398	0.361	0.467	0.463	0.502	0.408	17.22
49)	Acenaphthylene	2.080	2.007	2.039	1.671	1.989	1.943	2.005	1.962	6.89
50)	Dimethylphthalate	1.612	1.562	1.645	1.335	1.583	1.549	1.620	1.558	6.68
51)	2,6-Dinitrotol...	0.277	0.286	0.323	0.278	0.346	0.346	0.366	0.317	11.62
52) C	Acenaphthene	1.256	1.244	1.305	1.096	1.302	1.290	1.360	1.265	6.58
53)	3-Nitroaniline	0.287	0.287	0.322	0.281	0.349	0.348	0.373	0.321	11.47
54) P	2,4-Dinitrophenol		0.123	0.144	0.130	0.166	0.172		0.147	14.93
55)	Dibenzofuran	2.036	2.023	2.062	1.679	1.984	1.960	2.017	1.966	6.67
56) P	4-Nitrophenol	0.214	0.226	0.275	0.237	0.289	0.292	0.300	0.262	13.40
57)	2,4-Dinitrotol...	0.334	0.346	0.415	0.380	0.474			0.390	14.55
58)	Fluorene	1.724	1.633	1.703	1.363	1.626	1.575	1.630	1.608	7.39
59)	2,3,4,6-Tetrac...	0.426	0.430	0.447	0.390	0.470	0.463	0.486	0.445	7.24
60)	Diethylphthalate	1.810	1.711	1.761	1.425	1.711	1.673	1.719	1.687	7.32
61)	4-Chlorophenyl...	0.875	0.835	0.874	0.704	0.861	0.851	0.885	0.841	7.43
62)	4-Nitroaniline	0.273	0.300	0.328	0.288	0.359	0.357	0.368	0.325	11.77
63)	Azobenzene	2.135	1.984	2.012	1.627	1.932	1.894	1.929	1.931	8.04
64) I	Phenanthrene-d10	-----ISTD-----								
65)	4,6-Dinitro-2-...	0.084	0.084	0.099	0.090	0.117			0.095	14.41
66) c	n-Nitrosodiphe...	0.647	0.639	0.626	0.531	0.629	0.624	0.667	0.623	6.97
67)	4-Bromophenyl-...	0.254	0.250	0.249	0.214	0.252	0.256	0.273	0.250	7.03
68)	Hexachlorobenzene	0.277	0.270	0.274	0.228	0.274	0.275	0.296	0.271	7.66
69)	Atrazine	0.200	0.213	0.210	0.184	0.198	0.196	0.199	0.200	4.65
70) C	Pentachlorophenol	0.142	0.155	0.160	0.142	0.172	0.176	0.191	0.163	11.30
71)	Phenanthrene	1.213	1.154	1.160	0.951	1.117	1.118	1.165	1.125	7.43
72)	Anthracene	1.246	1.159	1.176	0.943	1.123	1.107	1.162	1.131	8.32
73)	Carbazole	1.161	1.104	1.128	0.917	1.081	1.067	1.130	1.084	7.39
74)	Di-n-butylphth...	1.319	1.217	1.272	1.015	1.209	1.208	1.271	1.216	8.03
75) C	Fluoranthene	1.500	1.407	1.412	1.125	1.343	1.318	1.394	1.357	8.66
76) I	Chrysene-d12	-----ISTD-----								
77)	Benzidine		0.315	0.437	0.398	0.431	0.416	0.421	0.403	11.19
78)	Pyrene	1.544	1.525	1.542	1.246	1.431	1.414	1.460	1.452	7.24
79) S	Terphenyl-d14	1.193	1.165	1.167	0.937	1.068	1.053	1.062	1.092	8.21
80)	Butylbenzylpht...	0.543	0.560	0.554	0.472	0.552	0.559	0.595	0.548	6.80
81)	Benzo(a)anthra...	1.507	1.464	1.495	1.239	1.438	1.414	1.496	1.436	6.50
82)	3,3'-Dichlorob...	0.430	0.437	0.486	0.400	0.474	0.481	0.506	0.459	8.14
83)	Chrysene	1.440	1.394	1.437	1.182	1.383	1.370	1.432	1.377	6.57
84)	Bis(2-ethylhex...	0.797	0.800	0.808	0.664	0.786	0.782	0.827	0.781	6.86
85) c	Di-n-octyl pht...	1.300	1.351	1.371	1.141	1.347	1.336	1.423	1.324	6.70

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(#) = Out of Range