

Method Path : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\
 Method File : 8270-BG031821.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Thu Mar 18 16:38:55 2021
 Response Via : Initial Calibration

Calibration Files

5 =BG048412.D 10 =BG048413.D 20 =BG048414.D 40 =BG048415.D 50 =BG048416.D 60 =BG048417.D 80 =BG048418.D

Compound	5	10	20	40	50	60	80	Avg	%RSD

1) I 1,4-Dichlorobenzen...	-----ISTD-----								
2) 1,4-Dioxane	0.611	0.582	0.529	0.478	0.474	0.471	0.427	0.510	13.03
3) Pyridine	1.296	1.775	1.511	1.362	1.392	1.372	1.250	1.422	12.34
4) n-Nitrosodimet...	0.766	1.007	0.866	0.780	0.814	0.812	0.741	0.827	10.78
5) S 2-Fluorophenol	1.178	1.518	1.285	1.133	1.176	1.139	1.038	1.209	12.77
6) Aniline	2.134	2.576	2.162	1.989	2.010	1.917	1.782	2.081	12.15
7) S Phenol-d6	1.710	2.154	1.901	1.692	1.725	1.645	1.493	1.760	12.02
8) 2-Chlorophenol	1.235	1.528	1.360	1.201	1.238	1.174	1.092	1.261	11.30
9) Benzaldehyde		1.558	1.212	0.970	0.944	0.863		1.109	25.46
10) C Phenol	1.882	2.248	1.905	1.695	1.732	1.678	1.483	1.803	13.39
11) bis(2-Chloroet...	1.263	1.546	1.346	1.207	1.243	1.162	1.079	1.264	11.85
12) 1,3-Dichlorobe...	1.480	1.904	1.555	1.433	1.448	1.403	1.279	1.500	13.12
13) C 1,4-Dichlorobe...	1.572	1.806	1.586	1.382	1.442	1.379	1.259	1.489	12.11
14) 1,2-Dichlorobe...	1.419	1.781	1.545	1.365	1.349	1.332	1.210	1.429	12.94
15) Benzyl Alcohol	1.442	1.910	1.678	1.495	1.558	1.477	1.376	1.562	11.55
16) 2,2'-oxybis(1-...	1.453	1.805	1.551	1.377	1.396	1.322	1.210	1.445	13.20
17) 2-Methylphenol	1.173	1.389	1.222	1.058	1.103	1.083	0.976	1.143	11.72
18) Hexachloroethane	0.556	0.706	0.623	0.529	0.573	0.530	0.494	0.573	12.45
19) P n-Nitroso-di-n...	1.275	1.615	1.404	1.265	1.271	1.218	1.095	1.306	12.54
20) 3+4-Methylphenols	1.579	1.884	1.670	1.486	1.523	1.486	1.337	1.566	11.03
21) I Naphthalene-d8	-----ISTD-----								
22) Acetophenone	0.552	0.654	0.587	0.547	0.545	0.535	0.516	0.562	8.11
23) S Nitrobenzene-d5	0.470	0.586	0.516	0.488	0.488	0.484	0.469	0.500	8.19
24) Nitrobenzene	0.496	0.642	0.557	0.526	0.523	0.505	0.502	0.536	9.50
25) Isophorone	0.903	1.143	1.006	0.941	0.924	0.900	0.884	0.957	9.53
26) C 2-Nitrophenol	0.179	0.239	0.209	0.200	0.202	0.197	0.199	0.204	8.87
27) 2,4-Dimethylph...	0.288	0.369	0.326	0.309	0.320	0.306	0.306	0.318	8.02
28) bis(2-Chloroet...	0.425	0.519	0.441	0.414	0.421	0.412	0.406	0.434	8.99
29) C 2,4-Dichloroph...	0.327	0.419	0.392	0.370	0.364	0.358	0.353	0.369	8.00
30) 1,2,4-Trichlor...	0.428	0.517	0.469	0.439	0.434	0.418	0.416	0.446	8.06
31) Naphthalene	1.061	1.310	1.151	1.104	1.064	1.051	1.021	1.109	8.85
32) Benzoic acid	0.203	0.255	0.247	0.248	0.257	0.260	0.261	0.247	8.18
33) 4-Chloroaniline	0.458	0.556	0.486	0.466	0.456	0.445	0.450	0.474	8.12
34) C Hexachlorobuta...	0.338	0.416	0.362	0.353	0.341	0.332	0.332	0.353	8.39
35) Caprolactam	0.126	0.156	0.139	0.127	0.127	0.124	0.122	0.132	9.27
36) C 4-Chloro-3-met...	0.408	0.496	0.437	0.418	0.417	0.414	0.406	0.428	7.38
37) 2-Methylnaphth...	0.804	1.016	0.873	0.826	0.826	0.790	0.789	0.846	9.47
38) 1-Methylnaphth...	0.755	0.959	0.815	0.778	0.770	0.751	0.743	0.796	9.52

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39) I	Acenaphthene-d10	-----ISTD-----								
40)	1,2,4,5-Tetrac...	0.738	0.837	0.755	0.727	0.691	0.704	0.660	0.730	7.75
41) P	Hexachlorocycl...	0.424	0.548	0.496	0.476	0.458	0.464	0.440	0.472	8.64
42) S	2,4,6-Tribromo...	0.303	0.381	0.344	0.319	0.311	0.318	0.300	0.325	8.79
43) C	2,4,6-Trichlor...	0.449	0.554	0.521	0.507	0.483	0.487	0.464	0.495	7.16
44)	2,4,5-Trichlor...	0.519	0.633	0.566	0.550	0.518	0.532	0.495	0.545	8.30
45) S	2-Fluorobiphenyl	1.393	1.657	1.483	1.382	1.318	1.298	1.202	1.390	10.56
46)	1,1'-Biphenyl	1.466	1.661	1.527	1.411	1.361	1.355	1.266	1.435	9.07
47)	2-Chloronaphth...	1.160	1.340	1.223	1.155	1.094	1.101	1.027	1.157	8.78
48)	2-Nitroaniline	0.367	0.480	0.443	0.437	0.429	0.433	0.409	0.428	8.00
49)	Acenaphthylene	1.910	2.207	1.981	1.854	1.756	1.763	1.646	1.874	9.81
50)	Dimethylphthalate	1.622	1.970	1.733	1.607	1.505	1.533	1.423	1.628	11.06
51)	2,6-Dinitrotol...	0.310	0.395	0.371	0.356	0.347	0.346	0.327	0.350	7.98
52) C	Acenaphthene	1.204	1.431	1.330	1.263	1.213	1.225	1.151	1.259	7.44
53)	3-Nitroaniline	0.298	0.381	0.366	0.330	0.322	0.332	0.319	0.335	8.44
54) P	2,4-Dinitrophenol	0.185	0.215	0.215	0.220	0.214	0.226	0.222	0.214	6.23
55)	Dibenzofuran	1.898	2.258	1.972	1.843	1.749	1.769	1.641	1.876	10.65
56) P	4-Nitrophenol	0.291	0.341	0.327	0.293	0.283	0.289	0.277	0.300	8.07
57)	2,4-Dinitrotol...	0.431	0.547	0.516	0.511	0.489	0.511	0.478	0.497	7.39
58)	Fluorene	1.577	1.886	1.645	1.559	1.471	1.488	1.395	1.574	10.13
59)	2,3,4,6-Tetrac...	0.510	0.632	0.566	0.540	0.500	0.523	0.492	0.538	9.10
60)	Diethylphthalate	1.503	1.982	1.698	1.566	1.482	1.502	1.404	1.591	12.24
61)	4-Chlorophenyl...	0.871	1.053	0.957	0.897	0.866	0.869	0.827	0.906	8.38
62)	4-Nitroaniline	0.357	0.422	0.383	0.365	0.346	0.362	0.336	0.367	7.69
63)	Azobenzene	1.729	2.095	1.852	1.703	1.618	1.629	1.496	1.732	11.22
64) I	Phenanthrene-d10	-----ISTD-----								
65)	4,6-Dinitro-2-...	0.102	0.129	0.128	0.129	0.131	0.131	0.131	0.126	8.59
66) c	n-Nitrosodiphe...	0.571	0.692	0.608	0.575	0.546	0.535	0.529	0.579	9.75
67)	4-Bromophenyl-...	0.243	0.300	0.264	0.248	0.239	0.240	0.230	0.252	9.29
68)	Hexachlorobenzene	0.260	0.324	0.285	0.264	0.253	0.251	0.252	0.270	9.89
69)	Atrazine	0.234	0.287	0.250	0.230	0.213	0.214	0.204	0.233	12.20
70) C	Pentachlorophenol	0.151	0.202	0.186	0.184	0.177	0.180	0.176	0.179	8.43
71)	Phenanthrene	1.073	1.263	1.126	1.044	0.987	0.976	0.927	1.056	10.65
72)	Anthracene	1.030	1.286	1.108	1.037	0.983	0.968	0.926	1.048	11.42
73)	Carbazole	1.031	1.228	1.063	0.976	0.911	0.918	0.870	1.000	12.16
74)	Di-n-butylphth...	1.090	1.366	1.190	1.096	1.020	1.017	0.964	1.106	12.25
75) C	Fluoranthene	1.448	1.754	1.517	1.377	1.281	1.281	1.190	1.407	13.42
76) I	Chrysene-d12	-----ISTD-----								
77)	Benzidine	0.607	0.713	0.621	0.598	0.543	0.513		0.599	11.63
78)	Pyrene	1.366	1.676	1.457	1.362	1.306	1.255	1.195	1.374	11.47
79) S	Terphenyl-d14	1.122	1.375	1.160	1.065	0.984	0.948		1.109	13.80
80)	Butylbenzylpht...	0.476	0.580	0.519	0.485	0.459	0.457	0.442	0.488	9.71
81)	Benzo(a)anthra...	1.410	1.662	1.487	1.363	1.300	1.273	1.214	1.387	10.90
82)	3,3'-Dichlorob...	0.507	0.611	0.532	0.486	0.462	0.464	0.442	0.501	11.43
83)	Chrysene	1.363	1.618	1.410	1.304	1.227	1.222	1.165	1.330	11.49
84)	Bis(2-ethylhex...	0.646	0.797	0.710	0.671	0.631	0.647	0.619	0.675	9.15
85) c	Di-n-octyl pht...	1.102	1.314	1.187	1.130	1.064	1.080	1.029	1.130	8.49

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86) I	Perylene-d12										
87)	Indeno(1,2,3-c...	1.470	1.788	1.612	1.514	1.472	1.437	1.384	1.525	8.88	
88)	Benzo(b)fluora...	1.325	1.713	1.496	1.400	1.343	1.328	1.262	1.409	10.83	
89)	Benzo(k)fluora...	1.308	1.603	1.418	1.322	1.281	1.224	1.153	1.330	10.97	
90) C	Benzo(a)pyrene	1.232	1.524	1.377	1.284	1.237	1.196	1.146	1.285	9.93	
91)	Dibenzo(a,h)an...	1.267	1.512	1.377	1.300	1.262	1.215	1.174	1.301	8.67	
92)	Benzo(g,h,i)pe...	1.222	1.472	1.334	1.253	1.219	1.183	1.154	1.262	8.61	

(#) = Out of Range