

Method Path : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\
 Method File : 8270-BG062619.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Thu Jun 27 13:25:55 2019
 Response Via : Initial Calibration

Calibration Files

10 =BG041471.D 20 =BG041472.D 40 =BG041473.D 50 =BG041474.D 60 =BG041475.D 80 =BG041476.D 100 =BG041477.D

	Compound	10	20	40	50	60	80	100	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----								
2)	1,4-Dioxane	0.486	0.486	0.537	0.543	0.495	0.547	0.461	0.508	6.68
3)	Pyridine	1.173	1.236	1.308	1.336	1.350	1.390	1.226	1.288	6.07
4)	n-Nitrosodimet...	0.653	0.632	0.732	0.744	0.767	0.809	0.681	0.717	8.94
5) S	2-Fluorophenol	1.064	1.048	1.146	1.148	1.158	1.246	1.043	1.122	6.60
6)	Aniline	1.965	1.989	2.051	2.057	2.063	2.194	1.931	2.036	4.24
7) S	Phenol-d6	1.543	1.523	1.570	1.599	1.595	1.730	1.496	1.579	4.82
8)	2-Chlorophenol	1.283	1.210	1.289	1.266	1.262	1.341	1.156	1.258	4.74
9)	Benzaldehyde	1.151	1.054	0.937	0.889	0.826	0.864		0.954	13.07
10) C	Phenol	1.558	1.508	1.599	1.616	1.609	1.723	1.527	1.592	4.48
11)	bis(2-Chloroet...	1.276	1.280	1.245	1.261	1.276	1.344	1.153	1.262	4.52
12)	1,3-Dichlorobe...	1.652	1.636	1.646	1.619	1.629	1.717	1.495	1.627	4.10
13) C	1,4-Dichlorobe...	1.692	1.640	1.631	1.662	1.609	1.749	1.500	1.641	4.69
14)	1,2-Dichlorobe...	1.596	1.582	1.596	1.574	1.538	1.672	1.439	1.571	4.51
15)	Benzyl Alcohol	1.070	1.126	1.280	1.262	1.324	1.463	1.278	1.258	10.28
16)	2,2'-oxybis(1-...	1.901	1.739	1.790	1.762	1.731	1.845	1.639	1.772	4.77
17)	2-Methylphenol	1.193	1.149	1.165	1.134	1.142	1.230	1.096	1.159	3.74
18)	Hexachloroethane	0.671	0.640	0.651	0.644	0.648	0.681	0.596	0.647	4.22
19) P	n-Nitroso-di-n...	1.253	1.166	1.160	1.167	1.156	1.244	1.099	1.178	4.55
20)	3+4-Methylphenols	1.476	1.456	1.556	1.555	1.560	1.711	1.495	1.544	5.49
21) I	Naphthalene-d8	-----ISTD-----								
22)	Acetophenone	0.620	0.596	0.612	0.593	0.601	0.631	0.547	0.600	4.54
23) S	Nitrobenzene-d5	0.487	0.475	0.494	0.477	0.482	0.509	0.434	0.480	4.82
24)	Nitrobenzene	0.497	0.471	0.484	0.482	0.490	0.512	0.433	0.481	5.16
25)	Isophorone	0.890	0.855	0.870	0.848	0.858	0.911	0.794	0.861	4.27
26) C	2-Nitrophenol	0.196	0.191	0.201	0.201	0.210	0.220	0.189	0.201	5.35
27)	2,4-Dimethylph...	0.277	0.277	0.296	0.276	0.283	0.290	0.260	0.280	4.15
28)	bis(2-Chloroet...	0.465	0.463	0.458	0.452	0.452	0.479	0.419	0.455	4.08
29) C	2,4-Dichloroph...	0.342	0.370	0.393	0.379	0.388	0.416	0.357	0.378	6.48
30)	1,2,4-Trichlor...	0.501	0.468	0.488	0.483	0.485	0.520	0.445	0.484	4.86
31)	Naphthalene	1.153	1.099	1.109	1.093	1.113	1.173	1.003	1.106	4.91
32)	Benzoic acid	0.073	0.116	0.144	0.177	0.182	0.231		0.154	35.96
33)	4-Chloroaniline	0.443	0.453	0.481	0.464	0.480	0.501	0.438	0.466	4.91
34) C	Hexachlorobuta...	0.403	0.387	0.387	0.376	0.381	0.406	0.350	0.384	4.89
35)	Caprolactam	0.116	0.117	0.120	0.117	0.118	0.123	0.115	0.118	2.43
36) C	4-Chloro-3-met...	0.412	0.390	0.407	0.414	0.409	0.441	0.392	0.409	4.08
37)	2-Methylnaphth...	0.845	0.806	0.830	0.797	0.822	0.865	0.755	0.817	4.39
38)	1-Methylnaphth...	0.827	0.776	0.786	0.758	0.777	0.820	0.711	0.780	4.99

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39) I	Acenaphthene-d10	-----ISTD-----									
40)	1,2,4,5-Tetrac...	0.905	0.878	0.911	0.889	0.879	0.912	0.791	0.881	4.78	
41) P	Hexachlorocycl...	0.303	0.372	0.478	0.459	0.476	0.489	0.472	0.436	16.15	
42) S	2,4,6-Tribromo...	0.335	0.336	0.355	0.344	0.342	0.360	0.319	0.341	3.97	
43) C	2,4,6-Trichlor...	0.510	0.498	0.546	0.533	0.536	0.553	0.482	0.523	5.07	
44)	2,4,5-Trichlor...	0.546	0.513	0.522	0.507	0.513	0.564	0.479	0.521	5.29	
45) S	2-Fluorobiphenyl	1.603	1.573	1.619	1.579	1.566	1.580	1.390	1.559	4.90	
46)	1,1'-Biphenyl	1.630	1.579	1.631	1.572	1.555	1.643	1.442	1.579	4.39	
47)	2-Chloronaphth...	1.407	1.352	1.402	1.347	1.348	1.401	1.231	1.355	4.54	
48)	2-Nitroaniline	0.456	0.447	0.474	0.458	0.467	0.486	0.429	0.459	4.08	
49)	Acenaphthylene	2.141	2.044	2.081	2.027	2.010	2.053	1.826	2.026	4.84	
50)	Dimethylphthalate	1.899	1.835	1.861	1.826	1.806	1.857	1.656	1.820	4.29	
51)	2,6-Dinitrotol...	0.407	0.381	0.391	0.390	0.379	0.400	0.356	0.386	4.33	
52) C	Acenaphthene	1.248	1.200	1.233	1.202	1.199	1.238	1.090	1.201	4.43	
53)	3-Nitroaniline	0.342	0.365	0.386	0.371	0.373	0.392	0.351	0.369	4.85	
54) P	2,4-Dinitrophenol	0.129	0.179	0.207	0.229	0.237	0.269	0.208		23.54	
55)	Dibenzofuran	2.172	2.102	2.175	2.109	2.073	2.136	1.874	2.092	4.93	
56) P	4-Nitrophenol	0.199	0.199	0.255	0.236	0.254	0.275	0.247	0.238	12.11	
57)	2,4-Dinitrotol...	0.544	0.555	0.581	0.560	0.572	0.591	0.520	0.560	4.26	
58)	Fluorene	1.721	1.715	1.713	1.646	1.646	1.691	1.517	1.664	4.34	
59)	2,3,4,6-Tetrac...	0.536	0.549	0.578	0.544	0.567	0.567	0.500	0.549	4.76	
60)	Diethylphthalate	1.942	1.923	1.919	1.854	1.827	1.894	1.682	1.863	4.79	
61)	4-Chlorophenyl...	1.095	1.092	1.101	1.073	1.051	1.112	0.988	1.073	3.96	
62)	4-Nitroaniline	0.314	0.354	0.377	0.359	0.367	0.395	0.351	0.359	7.05	
63)	Azobenzene	1.642	1.632	1.608	1.562	1.543	1.589	1.419	1.571	4.83	
64) I	Phenanthrene-d10	-----ISTD-----									
65)	4,6-Dinitro-2-...	0.097	0.110	0.129	0.128	0.133	0.145	0.125	0.124	12.67	
66) c	n-Nitrosodiphe...	0.571	0.535	0.561	0.553	0.557	0.577	0.498	0.550	4.86	
67)	4-Bromophenyl-...	0.287	0.263	0.274	0.274	0.277	0.288	0.249	0.273	5.03	
68)	Hexachlorobenzene	0.305	0.290	0.298	0.295	0.296	0.309	0.267	0.294	4.70	
69)	Atrazine	0.280	0.245	0.230	0.212	0.199		0.233		13.63	
70) C	Pentachlorophenol	0.108	0.114	0.139	0.142	0.145	0.155	0.130	0.133	12.73	
71)	Phenanthrene	1.171	1.115	1.131	1.099	1.096	1.128	0.974	1.102	5.60	
72)	Anthracene	1.193	1.098	1.131	1.106	1.103	1.113	0.973	1.103	5.97	
73)	Carbazole	0.967	0.936	0.967	0.945	0.938	0.974	0.834	0.937	5.14	
74)	Di-n-butylphth...	1.222	1.182	1.226	1.182	1.184	1.206	1.044	1.178	5.24	
75) C	Fluoranthene	1.568	1.490	1.539	1.464	1.464	1.479	1.279	1.469	6.31	
76) I	Chrysene-d12	-----ISTD-----									
77)	Benzidine	0.412	0.504	0.526	0.468	0.446	0.390	0.360	0.444	13.64	
78)	Pyrene	1.425	1.398	1.421	1.360	1.379	1.385	1.189	1.365	5.93	
79) S	Terphenyl-d14	1.036	0.984	0.986	0.937	0.935	0.920	0.790	0.941	8.24	
80)	Butylbenzylphth...	0.510	0.489	0.528	0.507	0.517	0.543	0.476	0.510	4.43	
81)	Benzo(a)anthra...	1.466	1.403	1.449	1.390	1.384	1.409	1.231	1.390	5.50	
82)	3,3'-Dichlorob...	0.473	0.465	0.507	0.481	0.488	0.514	0.442	0.481	5.12	
83)	Chrysene	1.452	1.367	1.381	1.351	1.348	1.354	1.169	1.346	6.37	
84)	Bis(2-ethylhex...	0.732	0.695	0.746	0.735	0.730	0.758	0.664	0.723	4.45	
85) c	Di-n-octyl pht...	1.246	1.168	1.266	1.238	1.224	1.282	1.138	1.223	4.25	
86)	Indeno(1,2,3-c...	1.671	1.569	1.676	1.631	1.627	1.704	1.531	1.630	3.78	

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87) I	Perylene-d12										
88)	Benzo(b)fluora...	1.313	1.240	1.328	1.269	1.270	1.368	1.142	1.276	5.71	
89)	Benzo(k)fluora...	1.303	1.241	1.272	1.242	1.256	1.343	1.111	1.252	5.80	
90) C	Benzo(a)pyrene	1.252	1.173	1.228	1.211	1.208	1.306	1.103	1.212	5.25	
91)	Dibenzo(a,h)an...	1.260	1.174	1.242	1.190	1.215	1.313	1.103	1.214	5.56	
92)	Benzo(g,h,i)pe...	1.254	1.162	1.222	1.186	1.206	1.314	1.104	1.207	5.55	

(#) = Out of Range