

Method Path : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\
 Method File : 8270-BP112719.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Mon Dec 03 04:47:00 2018
 Response Via : Initial Calibration

Calibration Files

10 =BP001084.D 20 =BP001085.D 40 =BP001086.D 50 =BP001087.D 60 =BP001088.D 80 =BP001089.D 100 =BP001090.D

	Compound	10	20	40	50	60	80	100	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----								
2)	1,4-Dioxane	0.653	0.609	0.551	0.563	0.543	0.523	0.500	0.563	9.25
3)	Pyridine	1.690	1.594	1.526	1.588	1.579	1.527	1.432	1.562	5.09
4)	n-Nitrosodimet...	0.719	0.702	0.641	0.692	0.678	0.663	0.637	0.676	4.54
5) S	2-Fluorophenol	1.390	1.331	1.198	1.205	1.161	1.103	1.051	1.205	9.93
6)	Aniline	2.420	2.310	2.049	2.121	2.143	1.958	1.904	2.129	8.66
7) S	Phenol-d6	1.832	1.739	1.553	1.619	1.592	1.494	1.413	1.606	8.86
8)	2-Chlorophenol	1.437	1.342	1.220	1.261	1.224	1.157	1.089	1.247	9.24
9)	Benzaldehyde	1.295	1.164	0.938	0.950	0.872			1.044	17.08
10) C	Phenol	2.082	2.008	1.785	1.813	1.798	1.675	1.626	1.827	9.06
11)	bis(2-Chloroet...	1.617	1.514	1.366	1.447	1.420	1.331	1.263	1.423	8.30
12)	1,3-Dichlorobe...	1.738	1.617	1.441	1.485	1.434	1.354	1.279	1.478	10.53
13) C	1,4-Dichlorobe...	1.738	1.639	1.458	1.493	1.442	1.363	1.292	1.489	10.35
14)	1,2-Dichlorobe...	1.660	1.567	1.378	1.402	1.360	1.260	1.184	1.402	11.77
15)	Benzyl Alcohol	1.439	1.419	1.279	1.343	1.348	1.234	1.166	1.318	7.47
16)	2,2'-oxybis(1-...	2.558	2.414	2.189	2.323	2.295	2.167	2.063	2.287	7.26
17)	2-Methylphenol	1.288	1.203	1.094	1.151	1.156	1.082	1.036	1.144	7.33
18)	Hexachloroethane	0.693	0.660	0.602	0.628	0.605	0.578	0.548	0.616	7.94
19) P	n-Nitroso-di-n...	1.309	1.231	1.094	1.158	1.176	1.091	1.052	1.159	7.73
20)	3+4-Methylphenols	1.706	1.571	1.385	1.438	1.434	1.317	1.245	1.442	10.75
21) I	Naphthalene-d8	-----ISTD-----								
22)	Acetophenone	0.642	0.612	0.567	0.583	0.575	0.570	0.565	0.588	4.89
23) S	Nitrobenzene-d5	0.490	0.471	0.449	0.462	0.457	0.452	0.447	0.461	3.34
24)	Nitrobenzene	0.487	0.475	0.448	0.458	0.452	0.448	0.441	0.458	3.60
25)	Isophorone	0.876	0.846	0.784	0.818	0.829	0.814	0.819	0.827	3.47
26) C	2-Nitrophenol	0.155	0.159	0.168	0.174	0.175	0.173	0.171	0.168	4.63
27)	2,4-Dimethylph...	0.284	0.275	0.257	0.267	0.264	0.259	0.255	0.266	3.83
28)	bis(2-Chloroet...	0.569	0.537	0.500	0.517	0.512	0.500	0.496	0.519	5.07
29) C	2,4-Dichloroph...	0.323	0.309	0.296	0.304	0.300	0.295	0.292	0.303	3.48
30)	1,2,4-Trichlor...	0.393	0.376	0.346	0.353	0.340	0.337	0.330	0.354	6.53
31)	Naphthalene	1.158	1.093	1.003	1.010	0.987	0.961	0.938	1.021	7.57
32)	Benzoic acid	0.145	0.169	0.193	0.219	0.198	0.206	0.215	0.192	13.82
33)	4-Chloroaniline	0.485	0.462	0.426	0.433	0.444	0.425	0.428	0.443	5.10
34) C	Hexachlorobuta...	0.245	0.236	0.219	0.224	0.214	0.212	0.208	0.222	6.02
35)	Caprolactam	0.109	0.104	0.097	0.100	0.113	0.103	0.104	0.104	5.24
36) C	4-Chloro-3-met...	0.376	0.365	0.343	0.356	0.367	0.354	0.352	0.359	3.09
37)	2-Methylnaphth...	0.788	0.737	0.682	0.686	0.685	0.658	0.643	0.697	7.11
38)	1-Methylnaphth...	0.756	0.697	0.634	0.646	0.649	0.621	0.607	0.658	7.80

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39) I	Acenaphthene-d10	-----ISTD-----									
40)	1,2,4,5-Tetrac...	0.707	0.680	0.622	0.640	0.594	0.592	0.577	0.630	7.70	
41) P	Hexachlorocycl...	0.266	0.279	0.300	0.313	0.286	0.298	0.293	0.291	5.35	
42) S	2,4,6-Tribromo...	0.209	0.204	0.190	0.190	0.195	0.179	0.176	0.192	6.26	
43) C	2,4,6-Trichlor...	0.413	0.420	0.408	0.423	0.410	0.408	0.399	0.412	2.01	
44)	2,4,5-Trichlor...	0.427	0.437	0.422	0.440	0.425	0.423	0.412	0.426	2.22	
45) S	2-Fluorobiphenyl	1.608	1.514	1.369	1.363	1.278	1.239	1.195	1.367	10.91	
46)	1,1'-Biphenyl	1.752	1.684	1.539	1.560	1.472	1.430	1.383	1.546	8.65	
47)	2-Chloronaphth...	1.384	1.329	1.223	1.249	1.189	1.150	1.118	1.235	7.71	
48)	2-Nitroaniline	0.483	0.479	0.467	0.487	0.501	0.487	0.482	0.484	2.13	
49)	Acenaphthylene	2.081	1.988	1.837	1.863	1.789	1.729	1.667	1.851	7.78	
50)	Dimethylphthalate	1.702	1.601	1.460	1.478	1.481	1.399	1.350	1.496	8.01	
51)	2,6-Dinitrotol...	0.336	0.327	0.313	0.320	0.326	0.314	0.306	0.320	3.18	
52) C	Acenaphthene	1.249	1.186	1.090	1.108	1.086	1.050	1.022	1.113	7.09	
53)	3-Nitroaniline	0.380	0.371	0.349	0.356	0.374	0.350	0.339	0.360	4.22	
54) P	2,4-Dinitrophenol	0.076	0.087	0.108	0.119	0.133	0.130	0.134	0.112	20.83	
55)	Dibenzofuran	1.973	1.837	1.659	1.653	1.604	1.515	1.469	1.673	10.59	
56) P	4-Nitrophenol	0.245	0.257	0.248	0.251	0.277	0.256	0.250	0.255	4.20	
57)	2,4-Dinitrotol...	0.425	0.422	0.407	0.398	0.415	0.376	0.366	0.401	5.65	
58)	Fluorene	1.554	1.457	1.327	1.314	1.308	1.233	1.190	1.340	9.42	
59)	2,3,4,6-Tetrac...	0.369	0.361	0.346	0.352	0.351	0.341	0.332	0.351	3.50	
60)	Diethylphthalate	1.713	1.655	1.501	1.509	1.558	1.469	1.437	1.549	6.51	
61)	4-Chlorophenyl...	0.792	0.759	0.671	0.674	0.655	0.623	0.604	0.683	10.10	
62)	4-Nitroaniline	0.411	0.423	0.405	0.425	0.432	0.414	0.409	0.417	2.32	
63)	Azobenzene	1.842	1.769	1.634	1.649	1.669	1.583	1.572	1.674	5.89	
64) I	Phenanthrene-d10	-----ISTD-----									
65)	4,6-Dinitro-2-...	0.059	0.064	0.078	0.085	0.089	0.091	0.093	0.080	17.10	
66) c	n-Nitrosodiphe...	0.679	0.640	0.591	0.620	0.574	0.579	0.571	0.608	6.67	
67)	4-Bromophenyl-...	0.237	0.226	0.214	0.222	0.207	0.207	0.206	0.217	5.42	
68)	Hexachlorobenzene	0.267	0.255	0.233	0.239	0.226	0.226	0.224	0.239	6.99	
69)	Atrazine	0.221	0.209	0.185	0.178	0.167	0.154		0.186	13.65	
70) C	Pentachlorophenol	0.112	0.118	0.125	0.131	0.130	0.130	0.125	0.124	5.86	
71)	Phenanthrene	1.214	1.132	1.033	1.041	1.007	0.978	0.955	1.051	8.68	
72)	Anthracene	1.164	1.123	1.026	1.028	0.999	0.971	0.944	1.036	7.72	
73)	Carbazole	1.088	1.023	0.930	0.920	0.929	0.869	0.842	0.943	9.09	
74)	Di-n-butylphth...	1.399	1.380	1.283	1.254	1.254	1.168	1.137	1.268	7.73	
75) C	Fluoranthene	1.305	1.233	1.129	1.058	1.109	0.999	0.960	1.113	11.08	
76) I	Chrysene-d12	-----ISTD-----									
77)	Benzidine	0.559	0.484	0.621	0.355	0.563			0.516	19.80	
78)	Pyrene	1.635	1.581	1.468	1.578	1.489	1.667	1.609	1.575	4.64	
79) S	Terphenyl-d14	1.224	1.137	1.027	1.069	0.985	1.082	1.043	1.081	7.31	
80)	Butylbenzylphth...	0.689	0.721	0.708	0.751	0.733	0.749	0.742	0.728	3.18	
81)	Benzo(a)anthra...	1.477	1.422	1.335	1.384	1.365	1.377	1.347	1.387	3.52	
82)	3,3'-Dichlorob...	0.492	0.493	0.465	0.464	0.455	0.429	0.409	0.458	6.74	
83)	Chrysene	1.431	1.359	1.213	1.232	1.158	1.179	1.121	1.242	9.06	
84)	Bis(2-ethylhex...	1.103	1.078	0.998	1.039	0.946	0.927	0.910	1.000	7.59	
85) c	Di-n-octyl pht...	1.834	1.819	1.779	1.879	1.765	1.679	1.682	1.777	4.26	
86)	Indeno(1,2,3-c...	1.497	1.481	1.415	1.478	1.329	1.499	1.546	1.463	4.85	

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87) I	Perylene-d12									
88)	Benzo(b)fluora...	1.370	1.248	1.186	1.262	1.174	1.166	1.146	1.222	6.38
89)	Benzo(k)fluora...	1.298	1.282	1.145	1.135	1.141	1.128	1.107	1.177	6.66
90) C	Benzo(a)pyrene	1.214	1.162	1.095	1.122	1.098	1.103	1.083	1.125	4.16
91)	Dibenzo(a,h)an...	1.188	1.165	1.080	1.102	0.981	1.103	1.090	1.101	6.04
92)	Benzo(g,h,i)pe...	1.142	1.115	1.051	1.096	0.964	1.112	1.130	1.087	5.67

(#) = Out of Range