

Method Path : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\
 Method File : 8270-BP031820.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 =BP002216.D 20 =BP002217.D 40 =BP002218.D 50 =BP002219.D 60 =BP002220.D 80 =BP002221.D 100 =BP002222.D

Compound		10	20	40	50	60	80	100	Avg	%RSD

1) I	1,4-Dichlorobenzen...	-----ISTD-----								
2)	1,4-Dioxane	0.587	0.486	0.475	0.438	0.434	0.407	0.366	0.456	15.40
3)	Pyridine	1.515	1.347	1.346	1.270	1.286	1.196	1.068	1.290	10.77
4)	n-Nitrosodimet...	0.379	0.324	0.338	0.323	0.326	0.314	0.287	0.327	8.47
5) S	2-Fluorophenol	1.368	1.191	1.191	1.117	1.101	1.023	0.891	1.126	13.24
6)	Aniline	2.014	1.821	1.888	1.796	1.788	1.694	1.494	1.785	9.09
7) S	Phenol-d6	1.833	1.545	1.527	1.433	1.399	1.297	1.098	1.447	15.74
8)	2-Chlorophenol	1.628	1.390	1.400	1.338	1.314	1.243	1.080	1.342	12.41
9)	Benzaldehyde	1.157	0.969	0.929	0.874	0.859	0.733	0.652	0.882	18.59
10) C	Phenol	1.870	1.579	1.570	1.478	1.445	1.350	1.168	1.494	14.56
11)	bis(2-Chloroet...	1.631	1.363	1.344	1.257	1.234	1.162	1.024	1.288	14.73
12)	1,3-Dichlorobe...	1.974	1.631	1.592	1.529	1.489	1.420	1.258	1.556	14.24
13) C	1,4-Dichlorobe...	1.967	1.635	1.618	1.542	1.517	1.427	1.263	1.567	13.83
14)	1,2-Dichlorobe...	1.929	1.607	1.577	1.490	1.459	1.371	1.195	1.518	14.98
15)	Benzyl Alcohol	0.756	0.752	0.855	0.864	0.891	0.860	0.791	0.824	6.85
16)	2,2'-oxybis(1-...	1.281	1.043	1.029	0.981	0.968	0.906	0.806	1.002	14.67
17)	2-Methylphenol	1.379	1.213	1.223	1.152	1.143	1.071	0.929	1.158	12.03
18)	Hexachloroethane	0.672	0.573	0.576	0.547	0.538	0.517	0.465	0.555	11.46
19) P	n-Nitroso-di-n...	0.729	0.712	0.758	0.732	0.753	0.695	0.613	0.713	6.89
20)	3+4-Methylphenols	1.823	1.625	1.630	1.564	1.557	1.453	1.265	1.559	11.01
21) I	Naphthalene-d8	-----ISTD-----								
22)	Acetophenone	0.548	0.483	0.490	0.441	0.465	0.415	0.362	0.458	12.98
23) S	Nitrobenzene-d5	0.278	0.284	0.321	0.306	0.327	0.307	0.277	0.300	6.90
24)	Nitrobenzene	0.306	0.308	0.337	0.320	0.338	0.315	0.291	0.316	5.33
25)	Isophorone	0.699	0.646	0.672	0.634	0.671	0.619	0.555	0.642	7.29
26) C	2-Nitrophenol	0.106	0.115	0.140	0.141	0.160	0.157	0.151	0.139	14.86
27)	2,4-Dimethylph...	0.295	0.269	0.288	0.273	0.295	0.270	0.242	0.276	6.83
28)	bis(2-Chloroet...	0.406	0.381	0.403	0.384	0.408	0.373	0.337	0.385	6.55
29) C	2,4-Dichloroph...	0.311	0.298	0.315	0.306	0.321	0.302	0.275	0.304	4.91
30)	1,2,4-Trichlor...	0.394	0.345	0.352	0.338	0.354	0.333	0.302	0.345	8.02
31)	Naphthalene	1.307	1.126	1.137	1.067	1.114	1.023	0.897	1.096	11.38
32)	Benzoic acid	0.076	0.099	0.135	0.141	0.159	0.172	0.166	0.135	26.39
33)	4-Chloroaniline	0.459	0.433	0.466	0.446	0.476	0.440	0.389	0.444	6.42
34) C	Hexachlorobuta...	0.225	0.197	0.205	0.196	0.208	0.196	0.181	0.201	6.67
35)	Caprolactam	0.040	0.047	0.063	0.069	0.083	0.082	0.080	0.066	26.01
36) C	4-Chloro-3-met...	0.315	0.301	0.315	0.303	0.327	0.300	0.267	0.304	6.25
37)	2-Methylnaphth...	0.889	0.772	0.790	0.745	0.778	0.709	0.612	0.756	11.12
38)	1-Methylnaphth...	0.851	0.741	0.756	0.701	0.740	0.669	0.583	0.720	11.49

Method Path : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\
 Method File : 8270-BP031820.M

39) I	Acenaphthene-d10	-----ISTD-----									
40)	1,2,4,5-Tetrac...	0.728	0.627	0.626	0.602	0.611	0.575	0.502	0.610	11.06	
41) P	Hexachlorocycl...	0.272	0.266	0.300	0.302	0.319	0.310	0.287	0.294	6.70	
42) S	2,4,6-Tribromo...	0.254	0.232	0.250	0.239	0.252	0.232	0.200	0.237	7.89	
43) C	2,4,6-Trichlor...	0.403	0.383	0.411	0.403	0.426	0.401	0.369	0.399	4.58	
44)	2,4,5-Trichlor...	0.493	0.462	0.486	0.469	0.493	0.464	0.422	0.470	5.25	
45) S	2-Fluorobiphenyl	1.795	1.523	1.435	1.357	1.359	1.200	1.014	1.383	17.79	
46)	1,1'-Biphenyl	2.007	1.747	1.709	1.627	1.652	1.528	1.304	1.653	12.95	
47)	2-Chloronaphth...	1.526	1.334	1.328	1.267	1.277	1.188	1.040	1.280	11.60	
48)	2-Nitroaniline	0.131	0.134	0.174	0.189	0.214	0.221	0.215	0.183	20.75	
49)	Acenaphthylene	2.412	2.128	2.160	2.053	2.105	1.954	1.691	2.072	10.56	
50)	Dimethylphthalate	1.584	1.508	1.586	1.536	1.595	1.489	1.312	1.516	6.52	
51)	2,6-Dinitrotol...	0.221	0.253	0.302	0.303	0.330	0.317	0.290	0.288	13.29	
52) C	Acenaphthene	1.535	1.319	1.329	1.265	1.307	1.207	1.046	1.287	11.43	
53)	3-Nitroaniline	0.243	0.276	0.340	0.344	0.373	0.365	0.334	0.325	14.68	
54) P	2,4-Dinitrophenol	0.100	0.108	0.133	0.140	0.159	0.160	0.156	0.136	18.04	
55)	Dibenzofuran	2.346	2.014	2.005	1.888	1.928	1.771	1.532	1.926	12.92	
56) P	4-Nitrophenol	0.239	0.257	0.297	0.299	0.315	0.311	0.281	0.285	10.00	
57)	2,4-Dinitrotol...	0.285	0.327	0.405	0.405	0.438	0.431	0.395	0.384	14.72	
58)	Fluorene	1.867	1.554	1.481	1.349	1.350	1.184		1.464	16.03	
59)	2,3,4,6-Tetrac...	0.399	0.373	0.397	0.386	0.409	0.378	0.346	0.384	5.40	
60)	Diethylphthalate	1.024	1.132	1.411	1.449	1.570	1.511	1.336	1.348	14.91	
61)	4-Chlorophenyl...	0.928	0.772	0.743	0.674	0.682	0.597	0.502	0.700	19.35	
62)	4-Nitroaniline	0.216	0.250	0.310	0.302	0.332	0.322	0.296	0.290	14.45	
63)	Azobenzene	1.689	1.502	1.499	1.374	1.408	1.305	1.122	1.414	12.56	
64) I	Phenanthrene-d10	-----ISTD-----									
65)	4,6-Dinitro-2-...	0.059	0.067	0.084	0.085	0.094	0.099	0.096	0.084	17.89	
66) c	n-Nitrosodiphe...	0.667	0.616	0.635	0.596	0.604	0.574	0.493	0.598	9.22	
67)	4-Bromophenyl-...	0.251	0.223	0.234	0.221	0.222	0.220	0.190	0.223	8.22	
68)	Hexachlorobenzene	0.288	0.252	0.256	0.243	0.243	0.240	0.208	0.247	9.68	
69)	Atrazine	0.094	0.107	0.149	0.159	0.174	0.176	0.160	0.145	22.14	
70) C	Pentachlorophenol	0.149	0.141	0.156	0.152	0.160	0.160	0.143	0.152	5.10	
71)	Phenanthrene	1.410	1.195	1.194	1.123	1.105	1.058	0.888	1.139	13.90	
72)	Anthracene	1.359	1.188	1.200	1.123	1.115	1.056	0.887	1.132	12.77	
73)	Carbazole	1.294	1.142	1.163	1.090	1.087	1.041	0.862	1.097	11.98	
74)	Di-n-butylphth...	0.414	0.407	0.556	0.654	0.824	0.949		0.634	34.72	
75) C	Fluoranthene	1.506	1.329	1.380	1.283	1.278	1.223	1.018	1.288	11.63	
76) I	Chrysene-d12	-----ISTD-----									
77)	Benzidine	0.169	0.148	0.188	0.185	0.222			0.182	15.01	
78)	Pyrene	1.604	1.416	1.458	1.395	1.411	1.300	1.162	1.392	9.79	
79) S	Terphenyl-d14	1.199	1.022	0.986	0.898	0.864	0.774	0.667	0.916	18.99	
80)	Butylbenzylphth...	0.157	0.139	0.150	0.151	0.162	0.172	0.188	0.160	10.13	
81)	Benzo(a)anthra...	1.495	1.320	1.383	1.314	1.336	1.234	1.092	1.311	9.54	
82)	3,3'-Dichlorob...	0.119	0.129	0.211	0.257	0.311	0.345	0.349	0.246	39.25	
83)	Chrysene	1.560	1.354	1.355	1.276	1.284	1.192	1.046	1.295	12.24	
84)	Bis(2-ethylhex...	0.252	0.219	0.242	0.240	0.265	0.288	0.324	0.262	13.38	
85) c	Di-n-octyl pht...	0.424	0.369	0.410	0.414	0.465	0.535		0.436	13.18	
86)	Indeno(1,2,3-c...	1.514	1.391	1.559	1.512	1.568	1.528	1.426	1.500	4.42	

Method Path : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\
Method File : 8270-BP031820.M

87) I	Perylene-d12										
88)	Benzo(b)fluora...	1.418	1.321	1.347	1.260	1.285	1.238	1.063	1.276	8.72	
89)	Benzo(k)fluora...	1.512	1.302	1.339	1.268	1.320	1.153	1.031	1.275	11.87	
90) C	Benzo(a)pyrene	1.278	1.174	1.253	1.188	1.242	1.154	1.032	1.189	6.95	
91)	Dibenzo(a,h)an...	1.340	1.190	1.261	1.201	1.243	1.139	0.997	1.196	9.03	
92)	Benzo(g,h,i)pe...	1.236	1.140	1.229	1.184	1.239	1.190	1.085	1.186	4.80	

(#) = Out of Range