

Method Path : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\
 Method File : 8270-BP010820.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 =BP001547.D 20 =BP001548.D 40 =BP001549.D 50 =BP001550.D 60 =BP001551.D 80 =BP001552.D 100 =BP001553.D

	Compound	10	20	40	50	60	80	100	Avg	%RSD

1) I	1,4-Dichlorobenzen...	-----ISTD-----								
2)	1,4-Dioxane	0.360	0.365	0.307	0.357	0.305	0.300	0.286	0.326	10.24
3)	Pyridine	1.239	1.219	1.112	1.400	1.144	1.195	0.932	1.177	12.06
4)	n-Nitrosodimet...	0.860	0.872	0.780	0.950	0.791	0.822	0.766	0.834	7.73
5) S	2-Fluorophenol	1.109	1.090	0.955	1.115	0.970	0.981	0.927	1.021	7.87
6)	Aniline	2.161	2.193	1.948	2.390	1.995	2.001	1.593	2.040	12.21
7) S	Phenol-d6	1.717	1.706	1.511	1.851	1.572	1.601	1.464	1.632	8.21
8)	2-Chlorophenol	1.306	1.258	1.094	1.331	1.131	1.157	1.067	1.192	8.84
9)	Benzaldehyde	1.201	1.150	0.830	0.927	0.765			0.975	19.81
10) C	Phenol	1.780	1.727	1.584	1.893	1.636	1.669	1.526	1.688	7.35
11)	bis(2-Chloroet...	1.499	1.408	1.229	1.449	1.239	1.243	1.199	1.324	9.36
12)	1,3-Dichlorobe...	1.663	1.579	1.422	1.634	1.410	1.438	1.342	1.498	8.33
13) C	1,4-Dichlorobe...	1.736	1.650	1.452	1.680	1.462	1.488	1.377	1.549	8.85
14)	1,2-Dichlorobe...	1.643	1.628	1.386	1.626	1.425	1.460	1.313	1.497	8.96
15)	Benzyl Alcohol	1.653	1.627	1.408	1.685	1.484	1.511	1.390	1.537	7.75
16)	2,2'-oxybis(1-...	2.760	2.665	2.349	2.622	2.307	2.350	2.161	2.459	9.03
17)	2-Methylphenol	1.305	1.178	1.082	1.313	1.135	1.138	1.052	1.172	8.71
18)	Hexachloroethane	0.661	0.657	0.565	0.656	0.572	0.581	0.541	0.605	8.48
19) P	n-Nitroso-di-n...	1.317	1.357	1.162	1.390	1.194	1.184	1.103	1.244	8.83
20)	3+4-Methylphenols	1.789	1.706	1.527	1.830	1.566	1.598	1.460	1.639	8.45
21) I	Naphthalene-d8	-----ISTD-----								
22)	Acetophenone	0.601	0.579	0.526	0.610	0.534	0.552	0.521	0.561	6.49
23) S	Nitrobenzene-d5	0.478	0.465	0.426	0.503	0.441	0.456	0.434	0.458	5.92
24)	Nitrobenzene	0.488	0.470	0.427	0.504	0.449	0.465	0.439	0.463	5.86
25)	Isophorone	0.860	0.839	0.761	0.899	0.791	0.814	0.781	0.821	5.90
26) C	2-Nitrophenol	0.168	0.176	0.161	0.193	0.172	0.180	0.175	0.175	5.65
27)	2,4-Dimethylph...	0.277	0.265	0.243	0.286	0.250	0.259	0.251	0.261	6.00
28)	bis(2-Chloroet...	0.532	0.509	0.447	0.515	0.458	0.463	0.442	0.481	7.64
29) C	2,4-Dichloroph...	0.364	0.361	0.332	0.390	0.351	0.363	0.344	0.358	5.07
30)	1,2,4-Trichlor...	0.465	0.444	0.403	0.459	0.415	0.427	0.411	0.432	5.60
31)	Naphthalene	1.133	1.091	0.983	1.150	1.003	1.045	0.984	1.056	6.63
32)	Benzoic acid	0.169	0.191	0.207	0.258	0.236	0.244	0.249	0.222	15.06
33)	4-Chloroaniline	0.492	0.498	0.442	0.546	0.467	0.490	0.467	0.486	6.75
34) C	Hexachlorobuta...	0.330	0.319	0.289	0.318	0.295	0.298	0.292	0.306	5.25
35)	Caprolactam	0.132	0.127	0.117	0.152	0.124	0.133	0.126	0.130	8.42
36) C	4-Chloro-3-met...	0.440	0.430	0.395	0.486	0.415	0.430	0.411	0.429	6.74
37)	2-Methylnaphth...	0.921	0.868	0.779	0.914	0.805	0.822	0.780	0.841	7.13
38)	1-Methylnaphth...	0.884	0.836	0.741	0.891	0.769	0.794	0.752	0.810	7.64

Method Path : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\
 Method File : 8270-BP010820.M

39) I	Acenaphthene-d10	-----ISTD-----									
40)	1,2,4,5-Tetrac...	0.747	0.701	0.644	0.699	0.672	0.677	0.656	0.685	5.01	
41) P	Hexachlorocycl...	0.344	0.350	0.338	0.353	0.354	0.348	0.347	0.348	1.61	
42) S	2,4,6-Tribromo...	0.305	0.308	0.279	0.340	0.301	0.308	0.290	0.304	6.21	
43) C	2,4,6-Trichlor...	0.447	0.446	0.409	0.466	0.443	0.444	0.438	0.442	3.83	
44)	2,4,5-Trichlor...	0.470	0.485	0.437	0.501	0.462	0.468	0.463	0.470	4.26	
45) S	2-Fluorobiphenyl	1.483	1.442	1.278	1.425	1.326	1.320	1.249	1.360	6.56	
46)	1,1'-Biphenyl	1.548	1.492	1.340	1.494	1.399	1.404	1.355	1.433	5.47	
47)	2-Chloronaphth...	1.271	1.242	1.105	1.248	1.175	1.172	1.126	1.191	5.37	
48)	2-Nitroaniline	0.436	0.458	0.435	0.511	0.477	0.488	0.471	0.468	5.86	
49)	Acenaphthylene	1.871	1.895	1.706	1.979	1.820	1.825	1.763	1.837	4.86	
50)	Dimethylphthalate	1.795	1.678	1.503	1.794	1.604	1.607	1.551	1.647	6.91	
51)	2,6-Dinitrotol...	0.356	0.344	0.320	0.386	0.348	0.351	0.341	0.349	5.67	
52) C	Acenaphthene	1.229	1.186	1.033	1.222	1.107	1.113	1.074	1.138	6.66	
53)	3-Nitroaniline	0.352	0.367	0.333	0.417	0.370	0.378	0.365	0.369	7.05	
54) P	2,4-Dinitrophenol	0.163	0.178	0.177	0.215	0.210	0.212	0.219	0.196	11.55	
55)	Dibenzofuran	2.035	1.998	1.778	2.081	1.871	1.894	1.810	1.924	6.02	
56) P	4-Nitrophenol	0.264	0.287	0.268	0.345	0.298	0.304	0.295	0.295	9.16	
57)	2,4-Dinitrotol...	0.480	0.501	0.469	0.581	0.519	0.526	0.501	0.511	7.17	
58)	Fluorene	1.705	1.615	1.428	1.719	1.502	1.522	1.407	1.557	8.08	
59)	2,3,4,6-Tetrac...	0.505	0.495	0.441	0.539	0.475	0.481	0.457	0.485	6.62	
60)	Diethylphthalate	1.731	1.737	1.551	1.879	1.666	1.686	1.611	1.694	6.17	
61)	4-Chlorophenyl...	0.992	0.924	0.837	0.964	0.858	0.862	0.800	0.891	7.89	
62)	4-Nitroaniline	0.387	0.407	0.379	0.491	0.427	0.438	0.415	0.421	8.90	
63)	Azobenzene	1.736	1.722	1.547	1.837	1.668	1.708	1.632	1.693	5.36	
64) I	Phenanthrene-d10	-----ISTD-----									
65)	4,6-Dinitro-2-...	0.095	0.102	0.102	0.118	0.109	0.116	0.116	0.108	8.23	
66) c	n-Nitrosodiphe...	0.579	0.545	0.493	0.556	0.514	0.518	0.503	0.530	5.89	
67)	4-Bromophenyl-...	0.243	0.236	0.212	0.234	0.219	0.220	0.216	0.226	5.21	
68)	Hexachlorobenzene	0.296	0.270	0.244	0.273	0.247	0.256	0.248	0.262	7.20	
69)	Atrazine	0.221	0.220	0.189	0.205	0.181	0.150	0.195		13.92	
70) C	Pentachlorophenol	0.140	0.143	0.132	0.158	0.145	0.150	0.144	0.145	5.59	
71)	Phenanthrene	1.182	1.128	0.999	1.189	1.032	1.066	1.018	1.088	7.23	
72)	Anthracene	1.124	1.100	0.981	1.146	1.014	1.049	0.998	1.059	6.16	
73)	Carbazole	1.060	1.016	0.915	1.110	0.961	0.970	0.927	0.994	7.17	
74)	Di-n-butylphth...	1.275	1.199	1.091	1.289	1.132	1.149	1.098	1.176	6.86	
75) C	Fluoranthene	1.552	1.465	1.298	1.635	1.366	1.395	1.306	1.431	8.85	
76) I	Chrysene-d12	-----ISTD-----									
77)	Benzidine	0.570	0.475	0.401	0.458	0.411	0.426	0.457		13.59	
78)	Pyrene	1.591	1.544	1.375	1.486	1.411	1.459	1.419	1.469	5.24	
79) S	Terphenyl-d14	1.246	1.203	1.037	1.106	1.018	1.047	0.996	1.093	8.84	
80)	Butylbenzylphth...	0.586	0.566	0.528	0.577	0.539	0.559	0.555	0.558	3.63	
81)	Benzo(a)anthra...	1.499	1.442	1.295	1.482	1.330	1.370	1.332	1.393	5.82	
82)	3,3'-Dichlorob...	0.570	0.549	0.483	0.563	0.491	0.495	0.504	0.522	7.08	
83)	Chrysene	1.493	1.416	1.249	1.433	1.275	1.338	1.298	1.357	6.71	
84)	Bis(2-ethylhex...	0.823	0.801	0.720	0.806	0.729	0.749	0.730	0.765	5.63	
85) c	Di-n-octyl pht...	1.301	1.241	1.137	1.325	1.155	1.210	1.175	1.221	5.93	
86)	Indeno(1,2,3-c...	1.678	1.526	1.430	1.840	1.481	1.661	1.507	1.589	9.03	

Method Path : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\
Method File : 8270-BP010820.M

87) I	Perylene-d12									
88)	Benzo(b)fluora...	1.360	1.291	1.161	1.309	1.232	1.242	1.227	1.260	5.16
89)	Benzo(k)fluora...	1.353	1.287	1.139	1.302	1.167	1.192	1.161	1.229	6.80
90) C	Benzo(a)pyrene	1.296	1.229	1.106	1.260	1.157	1.185	1.141	1.197	5.69
91)	Dibenzo(a,h)an...	1.359	1.241	1.129	1.335	1.178	1.240	1.160	1.235	7.06
92)	Benzo(g,h,i)pe...	1.326	1.229	1.116	1.342	1.163	1.258	1.157	1.227	7.08

(#) = Out of Range