

Method Path : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\
 Method File : 8270-BP020320.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 =BP001714.D 20 =BP001715.D 40 =BP001716.D 50 =BP001717.D 60 =BP001718.D 80 =BP001719.D 100 =BP001720.D

	Compound	10	20	40	50	60	80	100	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----								
2)	1,4-Dioxane	0.513	0.493	0.458	0.472	0.457	0.428	0.412	0.462	7.57
3)	Pyridine	1.340	1.379	1.376	1.382	1.351	1.296	1.109	1.319	7.39
4)	n-Nitrosodimet...	0.531	0.525	0.513	0.515	0.502	0.480	0.454	0.503	5.38
5) S	2-Fluorophenol	1.141	1.161	1.147	1.160	1.140	1.087	1.031	1.124	4.28
6)	Aniline	1.871	1.910	1.881	1.841	1.779	1.729	1.608	1.803	5.89
7) S	Phenol-d6	1.509	1.538	1.521	1.505	1.469	1.401	1.319	1.466	5.39
8)	2-Chlorophenol	1.240	1.290	1.277	1.266	1.240	1.196	1.118	1.232	4.80
9)	Benzaldehyde	0.926	0.902	0.760	0.718	0.667			0.795	14.37
10) C	Phenol	1.546	1.573	1.554	1.527	1.484	1.431	1.341	1.494	5.54
11)	bis(2-Chloroet...	1.257	1.270	1.245	1.210	1.183	1.152	1.079	1.200	5.65
12)	1,3-Dichlorobe...	1.606	1.602	1.528	1.521	1.488	1.421	1.350	1.502	6.18
13) C	1,4-Dichlorobe...	1.618	1.593	1.537	1.538	1.496	1.432	1.352	1.510	6.14
14)	1,2-Dichlorobe...	1.540	1.546	1.467	1.458	1.427	1.349	1.262	1.435	7.09
15)	Benzyl Alcohol	0.932	1.010	1.038	1.025	1.018	0.993	0.934	0.993	4.33
16)	2,2'-oxybis(1-...	1.649	1.629	1.559	1.494	1.461	1.405	1.290	1.498	8.47
17)	2-Methylphenol	1.008	1.049	1.036	1.022	0.995	0.957	0.894	0.994	5.40
18)	Hexachloroethane	0.534	0.539	0.531	0.537	0.532	0.517	0.487	0.525	3.50
19) P	n-Nitroso-di-n...	0.899	0.943	0.937	0.914	0.882	0.863	0.802	0.891	5.47
20)	3+4-Methylphenols	1.291	1.359	1.384	1.366	1.341	1.309	1.234	1.326	3.93
21) I	Naphthalene-d8	-----ISTD-----								
22)	Acetophenone	0.491	0.509	0.493	0.504	0.493	0.473	0.466	0.490	3.15
23) S	Nitrobenzene-d5	0.277	0.315	0.331	0.348	0.345	0.339	0.336	0.327	7.52
24)	Nitrobenzene	0.305	0.329	0.335	0.350	0.345	0.336	0.335	0.333	4.35
25)	Isophorone	0.571	0.611	0.620	0.634	0.626	0.616	0.603	0.612	3.35
26) C	2-Nitrophenol	0.062	0.082	0.108	0.124	0.133	0.144	0.150	0.115	28.49
27)	2,4-Dimethylph...	0.227	0.238	0.241	0.254	0.249	0.247	0.242	0.243	3.66
28)	bis(2-Chloroet...	0.411	0.421	0.418	0.428	0.420	0.412	0.400	0.416	2.17
29) C	2,4-Dichloroph...	0.242	0.271	0.286	0.299	0.297	0.294	0.291	0.283	7.17
30)	1,2,4-Trichlor...	0.350	0.352	0.343	0.359	0.352	0.343	0.333	0.347	2.36
31)	Naphthalene	1.055	1.052	1.021	1.043	1.025	0.987	0.957	1.020	3.56
32)	Benzoic acid	0.030	0.059	0.102	0.134	0.148	0.168	0.182	0.117	48.14
33)	4-Chloroaniline	0.428	0.440	0.440	0.449	0.440	0.430	0.421	0.435	2.16
34) C	Hexachlorobuta...	0.207	0.206	0.204	0.210	0.210	0.207	0.201	0.206	1.54
35)	Caprolactam	0.063	0.076	0.086	0.092	0.095	0.094	0.095	0.086	13.95
36) C	4-Chloro-3-met...	0.254	0.284	0.291	0.301	0.302	0.297	0.292	0.289	5.69
37)	2-Methylnaphth...	0.723	0.725	0.715	0.737	0.716	0.700	0.684	0.714	2.45
38)	1-Methylnaphth...	0.694	0.694	0.676	0.695	0.678	0.661	0.639	0.677	3.05

Method Path : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\
 Method File : 8270-BP020320.M

39) I	Acenaphthene-d10	-----ISTD-----									
40)	1,2,4,5-Tetrac...	0.632	0.642	0.638	0.665	0.654	0.623	0.601	0.636	3.29	
41) P	Hexachlorocycl...	0.213	0.242	0.271	0.299	0.298	0.305	0.296	0.275	12.76	
42) S	2,4,6-Tribromo...	0.159	0.192	0.204	0.221	0.225	0.217	0.216	0.205	11.38	
43) C	2,4,6-Trichlor...	0.283	0.333	0.362	0.392	0.387	0.384	0.380	0.360	10.98	
44)	2,4,5-Trichlor...	0.306	0.369	0.379	0.407	0.403	0.402	0.393	0.380	9.35	
45) S	2-Fluorobiphenyl	1.455	1.468	1.401	1.453	1.404	1.276	1.180	1.377	7.87	
46)	1,1'-Biphenyl	1.591	1.616	1.558	1.630	1.577	1.501	1.438	1.559	4.34	
47)	2-Chloronaphth...	1.238	1.266	1.231	1.279	1.249	1.187	1.147	1.228	3.78	
48)	2-Nitroaniline	0.173	0.230	0.282	0.312	0.316	0.322	0.321	0.279	20.56	
49)	Acenaphthylene	1.837	1.881	1.851	1.951	1.899	1.805	1.740	1.852	3.68	
50)	Dimethylphthalate	1.427	1.500	1.462	1.551	1.519	1.463	1.413	1.476	3.36	
51)	2,6-Dinitrotol...	0.200	0.258	0.286	0.308	0.308	0.313	0.309	0.283	14.62	
52) C	Acenaphthene	1.180	1.196	1.170	1.245	1.211	1.169	1.134	1.186	2.96	
53)	3-Nitroaniline	0.241	0.309	0.331	0.367	0.368	0.358	0.359	0.333	13.81	
54) P	2,4-Dinitrophenol	0.037	0.052	0.068	0.082	0.091	0.105	0.112	0.078	35.26	
55)	Dibenzofuran	1.817	1.817	1.739	1.821	1.788	1.689	1.611	1.755	4.56	
56) P	4-Nitrophenol	0.149	0.204	0.240	0.268	0.273	0.274	0.277	0.241	20.00	
57)	2,4-Dinitrotol...	0.226	0.316	0.368	0.411	0.419	0.419	0.421	0.369	20.07	
58)	Fluorene	1.474	1.497	1.426	1.471	1.423	1.318	1.252	1.409	6.43	
59)	2,3,4,6-Tetrac...	0.263	0.302	0.335	0.353	0.358	0.354	0.349	0.330	10.73	
60)	Diethylphthalate	1.410	1.492	1.465	1.545	1.530	1.470	1.424	1.477	3.41	
61)	4-Chlorophenyl...	0.750	0.764	0.713	0.742	0.735	0.673	0.634	0.716	6.50	
62)	4-Nitroaniline	0.268	0.340	0.358	0.386	0.385	0.366	0.358	0.351	11.45	
63)	Azobenzene	1.372	1.418	1.338	1.405	1.377	1.305	1.252	1.352	4.32	
64) I	Phenanthrene-d10	-----ISTD-----									
65)	4,6-Dinitro-2-...	0.027	0.038	0.053	0.063	0.066	0.075	0.079	0.057	33.26	
66) c	n-Nitrosodiphe...	0.592	0.614	0.606	0.618	0.600	0.577	0.562	0.596	3.40	
67)	4-Bromophenyl-...	0.207	0.219	0.214	0.223	0.218	0.220	0.215	0.217	2.32	
68)	Hexachlorobenzene	0.245	0.258	0.245	0.258	0.249	0.243	0.232	0.247	3.77	
69)	Atrazine	0.172	0.191	0.187	0.193	0.188	0.169	0.152	0.179	8.43	
70) C	Pentachlorophenol	0.073	0.097	0.116	0.129	0.128	0.131	0.129	0.115	19.04	
71)	Phenanthrene	1.117	1.128	1.096	1.117	1.078	1.011	0.993	1.077	5.00	
72)	Anthracene	1.030	1.094	1.057	1.092	1.061	0.998	0.965	1.042	4.63	
73)	Carbazole	0.992	1.033	1.003	1.036	1.007	0.951	0.930	0.993	4.01	
74)	Di-n-butylphth...	1.024	1.146	1.184	1.253	1.237	1.167	1.110	1.160	6.72	
75) C	Fluoranthene	1.234	1.265	1.217	1.275	1.241	1.146	1.094	1.210	5.49	
76) I	Chrysene-d12	-----ISTD-----									
77)	Benzidine	0.446	0.431	0.493	0.447	0.404	0.550	0.518	0.470	11.05	
78)	Pyrene	1.321	1.390	1.406	1.431	1.413	1.371	1.301	1.376	3.53	
79) S	Terphenyl-d14	1.028	1.085	1.041	1.032	0.957	0.898	0.820	0.980	9.53	
80)	Butylbenzylphth...	0.337	0.443	0.538	0.586	0.603	0.639	0.636	0.540	20.76	
81)	Benzo(a)anthra...	1.353	1.379	1.332	1.365	1.364	1.297	1.227	1.331	3.98	
82)	3,3'-Dichlorob...	0.366	0.417	0.457	0.486	0.471	0.475	0.469	0.449	9.49	
83)	Chrysene	1.280	1.323	1.277	1.319	1.271	1.191	1.120	1.255	5.85	
84)	Bis(2-ethylhex...	0.652	0.780	0.853	0.914	0.924	0.925	0.889	0.848	11.88	
85) c	Di-n-octyl pht...	0.941	1.151	1.345	1.478	1.492	1.484	1.448	1.334	15.88	
86)	Indeno(1,2,3-c...	1.461	1.520	1.586	1.662	1.678	1.628	1.608	1.592	4.88	

Method Path : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\
Method File : 8270-BP020320.M

87) I	Perylene-d12									
88)	Benzo(b)fluora...	1.196	1.207	1.243	1.270	1.206	1.208	1.152	1.212	3.07
89)	Benzo(k)fluora...	1.174	1.198	1.152	1.202	1.182	1.074	1.011	1.142	6.30
90) C	Benzo(a)pyrene	1.073	1.086	1.104	1.155	1.140	1.113	1.067	1.106	3.00
91)	Dibenzo(a,h)an...	1.099	1.138	1.148	1.205	1.152	1.114	1.052	1.130	4.23
92)	Benzo(g,h,i)pe...	1.060	1.085	1.107	1.158	1.165	1.120	1.109	1.115	3.36

(#) = Out of Range