

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
 Method File : 8270E-BP080321.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Tue Aug 03 15:41:30 2021
 Response Via : Initial Calibration

Calibration Files

5 =BP006473.D 10 =BP006474.D 20 =BP006475.D 40 =BP006476.D 50 =BP006477.D 60 =BP006478.D 80 =BP006479.D

	Compound	5	10	20	40	50	60	80	Avg	%RSD

1) I	1,4-Dichlorobenzen...	-----ISTD-----								
2)	1,4-Dioxane	0.599	0.600	0.596	0.560	0.544	0.544	0.525	0.567	5.50
3)	Pyridine	1.641	1.753	1.741	1.745	1.627	1.595	1.561	1.666	4.76
4)	n-Nitrosodimet...	0.604	0.661	0.659	0.654	0.623	0.609	0.592	0.629	4.60
5) S	2-Fluorophenol	1.286	1.350	1.361	1.340	1.285	1.257	1.236	1.302	3.73
6)	Aniline	1.921	2.043	2.090	2.197	2.029	1.901	1.884	2.009	5.70
7) S	Phenol-d6	1.754	1.890	1.944	1.981	1.862	1.776	1.740	1.850	5.17
8)	2-Chlorophenol	1.383	1.453	1.475	1.484	1.404	1.345	1.319	1.409	4.57
9)	Benzaldehyde	1.244	1.295	1.249	1.136	1.048	0.961	0.860	1.113	14.69
10) C	Phenol	1.793	1.887	1.946	1.995	1.859	1.769	1.734	1.855	5.14
11)	bis(2-Chloroet...	1.385	1.478	1.483	1.487	1.390	1.335	1.300	1.408	5.40
12)	1,3-Dichlorobe...	1.495	1.549	1.540	1.515	1.442	1.387	1.351	1.468	5.25
13) C	1,4-Dichlorobe...	1.539	1.574	1.562	1.535	1.443	1.410	1.368	1.490	5.49
14)	1,2-Dichlorobe...	1.461	1.496	1.500	1.496	1.404	1.343	1.309	1.430	5.52
15)	Benzyl Alcohol	1.269	1.394	1.460	1.524	1.412	1.333	1.319	1.387	6.33
16)	2,2'-oxybis(1-...	1.703	1.720	1.793	1.803	1.647	1.553	1.513	1.676	6.67
17)	2-Methylphenol	1.087	1.175	1.235	1.277	1.201	1.123	1.101	1.171	6.08
18)	Hexachloroethane	0.613	0.613	0.623	0.604	0.572	0.560	0.545	0.590	5.17
19) P	n-Nitroso-di-n...	1.174	1.250	1.327	1.383	1.263	1.158	1.132	1.241	7.44
20)	3+4-Methylphenols	1.434	1.596	1.683	1.768	1.643	1.520	1.514	1.594	7.15
21) I	Naphthalene-d8	-----ISTD-----								
22)	Acetophenone	0.514	0.536	0.552	0.553	0.524	0.523	0.510	0.530	3.28
23) S	Nitrobenzene-d5	0.415	0.440	0.451	0.450	0.428	0.429	0.419	0.433	3.30
24)	Nitrobenzene	0.433	0.466	0.469	0.465	0.442	0.445	0.433	0.450	3.52
25)	Isophorone	0.697	0.771	0.815	0.829	0.789	0.776	0.771	0.778	5.45
26) C	2-Nitrophenol	0.134	0.149	0.167	0.175	0.170	0.175	0.178	0.164	10.08
27)	2,4-Dimethylph...	0.254	0.277	0.289	0.288	0.277	0.261	0.275	0.274	4.77
28)	bis(2-Chloroet...	0.402	0.424	0.437	0.432	0.410	0.408	0.402	0.416	3.47
29) C	2,4-Dichloroph...	0.239	0.272	0.287	0.297	0.282	0.284	0.284	0.278	6.76
30)	1,2,4-Trichlor...	0.295	0.306	0.309	0.301	0.291	0.296	0.293	0.299	2.37
31)	Naphthalene	1.065	1.103	1.117	1.105	1.053	1.055	1.026	1.075	3.13
32)	Benzoic acid		0.169	0.196	0.222	0.225	0.222	0.239	0.212	11.87
33)	4-Chloroaniline	0.404	0.429	0.447	0.463	0.440	0.431	0.428	0.435	4.21
34) C	Hexachlorobuta...	0.172	0.180	0.180	0.173	0.168	0.173	0.172	0.174	2.53
35)	Caprolactam	0.077	0.091	0.102	0.115	0.110	0.103	0.105	0.100	12.74
36) C	4-Chloro-3-met...	0.297	0.348	0.368	0.385	0.365	0.353	0.356	0.353	7.82
37)	2-Methylnaphth...	0.703	0.730	0.752	0.764	0.725	0.719	0.705	0.728	3.14
38)	1-Methylnaphth...	0.676	0.699	0.722	0.723	0.687	0.675	0.662	0.692	3.43

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\ Method File : 8270E-BP080321.M										
39) I	Acenaphthene-d10	-----ISTD-----								
40)	1,2,4,5-Tetrac...	0.510	0.530	0.540	0.523	0.508	0.530	0.523	0.523	2.20
41) P	Hexachlorocycl...	0.257	0.275	0.296	0.285	0.283	0.243	0.305	0.278	7.77
42) S	2,4,6-Tribromo...	0.177	0.196	0.212	0.222	0.216	0.216	0.224	0.209	8.12
43) C	2,4,6-Trichlor...	0.301	0.343	0.369	0.373	0.365	0.374	0.376	0.357	7.59
44)	2,4,5-Trichlor...	0.340	0.386	0.410	0.414	0.400	0.410	0.409	0.396	6.63
45) S	2-Fluorobiphenyl	1.330	1.363	1.395	1.345	1.309	1.326	1.290	1.337	2.60
46)	1,1'-Biphenyl	1.491	1.540	1.581	1.531	1.477	1.500	1.476	1.514	2.55
47)	2-Chloronaphth...	1.141	1.192	1.202	1.183	1.143	1.162	1.136	1.166	2.29
48)	2-Nitroaniline	0.324	0.387	0.418	0.447	0.433	0.434	0.437	0.411	10.47
49)	Acenaphthylene	1.769	1.885	1.949	1.948	1.880	1.868	1.859	1.880	3.24
50)	Dimethylphthalate	1.408	1.470	1.507	1.513	1.456	1.421	1.416	1.456	2.96
51)	2,6-Dinitrotol...	0.284	0.320	0.334	0.348	0.331	0.329	0.329	0.325	6.14
52) C	Acenaphthene	1.114	1.157	1.171	1.184	1.136	1.132	1.114	1.144	2.41
53)	3-Nitroaniline	0.293	0.341	0.364	0.391	0.381	0.372	0.380	0.360	9.30
54) P	2,4-Dinitrophenol	0.132	0.151	0.178	0.181	0.182	0.196	0.170		14.02
55)	Dibenzofuran	1.785	1.852	1.850	1.849	1.778	1.756	1.727	1.799	2.83
56) P	4-Nitrophenol	0.242	0.292	0.313	0.348	0.338	0.326	0.329	0.313	11.49
57)	2,4-Dinitrotol...	0.347	0.411	0.442	0.474	0.461	0.452	0.463	0.436	10.11
58)	Fluorene	1.382	1.439	1.487	1.497	1.439	1.409	1.416	1.438	2.88
59)	2,3,4,6-Tetrac...	0.297	0.322	0.336	0.350	0.340	0.336	0.339	0.332	5.22
60)	Diethylphthalate	1.434	1.527	1.591	1.600	1.537	1.502	1.512	1.529	3.70
61)	4-Chlorophenyl...	0.637	0.658	0.672	0.670	0.639	0.640	0.644	0.651	2.31
62)	4-Nitroaniline	0.301	0.357	0.385	0.424	0.414	0.395	0.400	0.382	10.90
63)	Azobenzene	1.601	1.798	1.880	1.896	1.814	1.762	1.729	1.783	5.62
64) I	Phenanthrene-d10	-----ISTD-----								
65)	4,6-Dinitro-2-...	0.100	0.117	0.127	0.127	0.129	0.134	0.122		9.92
66) c	n-Nitrosodiphe...	0.585	0.640	0.654	0.645	0.625	0.631	0.620	0.629	3.58
67)	4-Bromophenyl-...	0.178	0.194	0.197	0.194	0.190	0.195	0.196	0.192	3.49
68)	Hexachlorobenzene	0.211	0.222	0.227	0.218	0.214	0.219	0.218	0.218	2.38
69)	Atrazine	0.178	0.196	0.206	0.207	0.198	0.197	0.192	0.196	4.91
70) C	Pentachlorophenol	0.108	0.127	0.141	0.148	0.147	0.149	0.151	0.139	11.30
71)	Phenanthrene	1.108	1.167	1.165	1.150	1.112	1.111	1.084	1.128	2.87
72)	Anthracene	1.026	1.098	1.123	1.126	1.091	1.094	1.072	1.090	3.12
73)	Carbazole	1.025	1.146	1.134	1.169	1.120	1.106	1.083	1.112	4.26
74)	Di-n-butylphth...	1.070	1.223	1.327	1.325	1.297	1.318	1.308	1.267	7.42
75) C	Fluoranthene	1.210	1.291	1.286	1.318	1.275	1.258	1.224	1.266	3.02
76) I	Chrysene-d12	-----ISTD-----								
77)	Benzidine	0.468	0.531	0.484	0.583	0.493	0.470	0.474	0.500	8.50
78)	Pyrene	1.275	1.332	1.406	1.373	1.317	1.337	1.311	1.336	3.21
79) S	Terphenyl-d14	0.975	1.009	1.048	1.006	0.967	0.996	0.985	0.998	2.70
80)	Butylbenzylpht...	0.447	0.529	0.610	0.624	0.611	0.639	0.652	0.587	12.48
81)	Benzo(a)anthra...	1.266	1.328	1.355	1.342	1.292	1.296	1.270	1.307	2.68
82)	3,3'-Dichlorob...	0.285	0.329	0.351	0.360	0.350	0.364	0.363	0.343	8.20
83)	Chrysene	1.249	1.294	1.302	1.296	1.237	1.259	1.232	1.267	2.36
84)	Bis(2-ethylhex...	0.691	0.827	0.932	0.919	0.887	0.949	0.974	0.883	10.98
85) c	Di-n-octyl pht...	1.104	1.338	1.509	1.527	1.495	1.593	1.619	1.455	12.30

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\

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86) I	Perylene-d12										
87)	Indeno(1,2,3-c...	1.371	1.438	1.452	1.510	1.454	1.469	1.457	1.450		2.88
88)	Benzo(b)fluora...	1.226	1.278	1.359	1.344	1.278	1.328	1.287	1.300		3.54
89)	Benzo(k)fluora...	1.207	1.266	1.249	1.307	1.264	1.221	1.221	1.248		2.77
90) C	Benzo(a)pyrene	1.058	1.151	1.195	1.227	1.180	1.180	1.170	1.166		4.55
91)	Dibenzo(a,h)an...	1.199	1.263	1.266	1.303	1.247	1.258	1.242	1.254		2.49
92)	Benzo(g,h,i)pe...	1.125	1.204	1.213	1.250	1.205	1.219	1.195	1.202		3.15

(#) = Out of Range