

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
 Method File : 8270E-BP111321.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Mon Nov 15 05:36:49 2021
 Response Via : Initial Calibration

Calibration Files

5 =BP007963.D 10 =BP007964.D 20 =BP007965.D 40 =BP007966.D 50 =BP007967.D 60 =BP007968.D 80 =BP007969.D

	Compound	5	10	20	40	50	60	80	Avg	%RSD

1) I	1,4-Dichlorobenzen...	-----ISTD-----								
2)	1,4-Dioxane	0.616	0.579	0.486	0.473	0.440			0.519	14.45
3)	Pyridine	1.746	1.620	1.441	1.389	1.246			1.488	13.22
4)	n-Nitrosodimet...	0.646	0.660	0.545	0.545	0.521	0.489	0.442	0.550	14.40
5) S	2-Fluorophenol	1.490	1.411	1.209	1.159	1.105	1.024		1.233	14.68
6)	Aniline	2.166	2.187	1.926	1.826	1.755	1.645	1.460	1.852	14.34
7) S	Phenol-d6	1.859	1.901	1.648	1.563	1.487	1.384		1.640	12.52
8)	2-Chlorophenol	1.495	1.542	1.352	1.293	1.242	1.165	1.036	1.303	13.67
9)	Benzaldehyde	1.255	1.195	1.034	0.940	0.866			1.058	15.62
10) C	Phenol	1.869	1.887	1.651	1.580	1.505	1.402	1.244	1.591	14.78
11)	bis(2-Chloroet...	1.531	1.513	1.297	1.236	1.179	1.090		1.308	13.75
12)	1,3-Dichlorobe...	1.757	1.686	1.518	1.453	1.394	1.294	1.159	1.466	14.34
13) C	1,4-Dichlorobe...	1.790	1.695	1.561	1.472	1.415	1.317	1.181	1.490	14.19
14)	1,2-Dichlorobe...	1.768	1.680	1.499	1.430	1.381	1.270		1.505	12.47
15)	Benzyl Alcohol	1.415	1.373	1.276	1.250	1.214	1.146	1.011	1.241	10.99
16)	2,2'-oxybis(1-...	1.902	1.756	1.488	1.415	1.341			1.580	15.09
17)	2-Methylphenol	1.270	1.247	1.133	1.107	1.055	0.985	0.875	1.096	12.78
18)	Hexachloroethane	0.594	0.561	0.497	0.510	0.498	0.461	0.416	0.505	11.74
19) P	n-Nitroso-di-n...	1.223	1.154	1.004	0.979	0.917	0.850		1.021	13.89
20)	3+4-Methylphenols	1.786	1.710	1.504	1.536	1.492	1.380	1.222	1.519	12.51
21) I	Naphthalene-d8	-----ISTD-----								
22)	Acetophenone	0.601	0.567	0.528	0.515	0.484	0.449	0.417	0.509	12.64
23) S	Nitrobenzene-d5	0.423	0.406	0.386	0.380	0.365	0.340	0.316	0.374	9.86
24)	Nitrobenzene	0.404	0.388	0.367	0.364	0.349	0.326	0.302	0.357	9.80
25)	Isophorone	0.731	0.698	0.668	0.668	0.635	0.600	0.550	0.650	9.40
26) C	2-Nitrophenol	0.183	0.184	0.183	0.193	0.188	0.178	0.167	0.182	4.45
27)	2,4-Dimethylph...	0.303	0.287	0.271	0.277	0.266	0.249	0.232	0.269	8.78
28)	bis(2-Chloroet...	0.518	0.489	0.440	0.435	0.409	0.381	0.348	0.431	13.66
29) C	2,4-Dichloroph...	0.358	0.345	0.333	0.344	0.333	0.315	0.293	0.332	6.46
30)	1,2,4-Trichlor...	0.440	0.410	0.381	0.380	0.370	0.349	0.325	0.379	9.98
31)	Naphthalene	1.209	1.135	1.031	1.023	0.981	0.919	0.851	1.021	11.93
32)	Benzoic acid	0.207	0.207	0.224	0.254	0.255	0.250	0.233	0.233	9.02
33)	4-Chloroaniline	0.489	0.476	0.449	0.445	0.432	0.405	0.374	0.439	9.00
34) C	Hexachlorobuta...	0.285	0.277	0.258	0.265	0.258	0.244	0.228	0.259	7.41
35)	Caprolactam	0.075	0.075	0.075	0.076	0.072	0.071	0.065	0.073	5.52
36) C	4-Chloro-3-met...	0.415	0.409	0.383	0.382	0.367	0.348	0.319	0.375	8.97
37)	2-Methylnaphth...	0.886	0.833	0.759	0.750	0.710	0.669	0.616	0.746	12.40
38)	1-Methylnaphth...	0.863	0.812	0.742	0.729	0.698	0.650	0.603	0.728	12.28

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\										
Method File : 8270E-BP111321.M										
39) I	Acenaphthene-d10	-----ISTD-----								
40)	1,2,4,5-Tetrac...	0.708	0.689	0.650	0.665	0.690	0.648	0.614	0.666	4.81
41) P	Hexachlorocycl...	0.231	0.268	0.321	0.350	0.342	0.324	0.306		15.27
42) S	2,4,6-Tribromo...	0.325	0.336	0.319	0.309	0.321	0.305	0.288	0.315	4.92
43) C	2,4,6-Trichlor...	0.461	0.455	0.440	0.464	0.481	0.456	0.430	0.455	3.66
44)	2,4,5-Trichlor...	0.503	0.506	0.483	0.496	0.520	0.493	0.462	0.495	3.70
45) S	2-Fluorobiphenyl	1.662	1.580	1.409	1.372	1.419	1.309	1.230	1.426	10.52
46)	1,1'-Biphenyl	1.690	1.628	1.488	1.458	1.497	1.396	1.301	1.494	8.84
47)	2-Chloronaphth...	1.315	1.255	1.140	1.146	1.182	1.103	1.039	1.169	7.94
48)	2-Nitroaniline	0.326	0.327	0.327	0.344	0.354	0.332	0.313	0.332	4.01
49)	Acenaphthylene	1.980	1.940	1.798	1.796	1.715	1.620	1.593	1.778	8.31
50)	Dimethylphthalate	1.774	1.724	1.590	1.555	1.573	1.473	1.387	1.582	8.46
51)	2,6-Dinitrotol...	0.345	0.338	0.328	0.333	0.338	0.315	0.304	0.329	4.46
52) C	Acenaphthene	1.253	1.188	1.095	1.064	1.022	0.940	0.886	1.064	12.18
53)	3-Nitroaniline	0.347	0.353	0.340	0.348	0.334	0.315	0.310	0.335	5.05
54) P	2,4-Dinitrophenol	0.159	0.186	0.216	0.217	0.214	0.199	0.198		11.49
55)	Dibenzofuran	2.155	2.109	1.875	1.708	1.722	1.604	1.493	1.809	13.79
56) P	4-Nitrophenol	0.271	0.280	0.283	0.283	0.280	0.265	0.249	0.273	4.58
57)	2,4-Dinitrotol...	0.452	0.460	0.452	0.440	0.450	0.419	0.390	0.438	5.65
58)	Fluorene	1.718	1.646	1.449	1.298	1.308	1.219		1.440	14.09
59)	2,3,4,6-Tetrac...	0.496	0.492	0.463	0.438	0.449	0.422	0.395	0.451	8.04
60)	Diethylphthalate	1.776	1.719	1.574	1.464	1.479	1.383	1.280	1.525	11.63
61)	4-Chlorophenyl...	0.957	0.903	0.800	0.728	0.734	0.686	0.643	0.779	14.79
62)	4-Nitroaniline	0.344	0.377	0.360	0.343	0.349	0.331	0.307	0.344	6.42
63)	Azobenzene	1.470	1.475	1.354	1.244	1.243	1.143	1.059	1.284	12.30
64) I	Phenanthrene-d10	-----ISTD-----								
65)	4,6-Dinitro-2-...	0.115	0.122	0.132	0.145	0.143	0.134	0.126	0.131	8.48
66) c	n-Nitrosodiphe...	0.681	0.635	0.589	0.574	0.552	0.503	0.474	0.572	12.53
67)	4-Bromophenyl-...	0.262	0.257	0.234	0.238	0.231	0.213	0.201	0.234	9.38
68)	Hexachlorobenzene	0.295	0.282	0.266	0.268	0.262	0.242	0.230	0.263	8.42
69)	Atrazine	0.163	0.157	0.154	0.155	0.150	0.138	0.128	0.149	8.06
70) C	Pentachlorophenol	0.149	0.154	0.160	0.174	0.172	0.162	0.153	0.161	5.99
71)	Phenanthrene	1.296	1.205	1.090	1.058	1.013	0.924	0.873	1.066	13.99
72)	Anthracene	1.230	1.163	1.077	1.047	1.009	0.916	0.869	1.045	12.24
73)	Carbazole	1.225	1.156	1.053	1.034	0.982	0.903	0.847	1.029	12.96
74)	Di-n-butylphth...	1.294	1.260	1.203	1.201	1.148	1.056	0.987	1.164	9.43
75) C	Fluoranthene	1.608	1.528	1.373	1.349	1.289	1.182	1.114	1.349	13.05
76) I	Chrysene-d12	-----ISTD-----								
77)	Benzidine	0.329	0.324	0.346	0.312	0.263	0.268	0.307		11.10
78)	Pyrene	1.401	1.337	1.211	1.208	1.159	1.067	0.989	1.196	11.97
79) S	Terphenyl-d14	1.201	1.129	0.993	0.975	0.932	0.872	0.801	0.986	14.16
80)	Butylbenzylpht...	0.530	0.524	0.502	0.516	0.496	0.461	0.428	0.494	7.45
81)	Benzo(a)anthra...	1.548	1.484	1.335	1.322	1.268	1.165	1.094	1.317	12.27
82)	3,3'-Dichlorob...	0.568	0.701	0.647	0.637	0.608	0.563	0.530	0.608	9.68
83)	Chrysene	1.511	1.421	1.278	1.261	1.211	1.107	1.045	1.262	13.00
84)	Bis(2-ethylhex...	0.809	0.794	0.712	0.709	0.684	0.632	0.595	0.705	11.09
85) c	Di-n-octyl pht...	1.368	1.385	1.332	1.360	1.310	1.211	1.130	1.299	7.26

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

Method File : 8270E-BP111321.M

[illegible]

(#) = Out of Range