

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
 Method File : 8270E-BP121421.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Sat Dec 18 06:49:58 2021
 Response Via : Initial Calibration

Calibration Files

5 =BP008391.D 10 =BP008392.D 20 =BP008393.D 40 =BP008394.D 50 =BP008395.D 60 =BP008396.D 80 =BP008397.D

	Compound	5	10	20	40	50	60	80	Avg	%RSD

1) I	1,4-Dichlorobenzen...	-----ISTD-----								
2)	1,4-Dioxane	0.746	0.599	0.537	0.526	0.476	0.465	0.440	0.541	19.34
3)	Pyridine	1.890	1.636	1.549	1.552	1.442	1.360	1.258	1.527	13.42
4)	n-Nitrosodimet...	0.743	0.671	0.614	0.607	0.558	0.528	0.496	0.602	14.12
5) S	2-Fluorophenol	1.518	1.384	1.292	1.272	1.188	1.142	1.068	1.266	12.00
6)	Aniline	2.276	2.205	2.036	2.076	1.920	1.718	1.550	1.969	13.23
7) S	Phenol-d6	1.926	1.881	1.769	1.789	1.664	1.507	1.370	1.701	11.85
8)	2-Chlorophenol	1.471	1.441	1.330	1.339	1.240	1.153	1.060	1.291	11.57
9)	Benzaldehyde	1.419	1.337	1.129	0.984	0.889			1.152	19.59
10) C	Phenol	1.967	1.936	1.785	1.805	1.679	1.529	1.388	1.727	12.21
11)	bis(2-Chloroet...	1.679	1.590	1.437	1.424	1.319	1.196		1.441	12.17
12)	1,3-Dichlorobe...	1.781	1.669	1.528	1.516	1.399	1.333	1.222	1.493	12.92
13) C	1,4-Dichlorobe...	1.811	1.711	1.542	1.547	1.436	1.342	1.245	1.519	13.08
14)	1,2-Dichlorobe...	1.771	1.638	1.506	1.505	1.391	1.303	1.195	1.473	13.33
15)	Benzyl Alcohol	1.450	1.564	1.423	1.496	1.372	1.193	1.079	1.368	12.60
16)	2,2'-oxybis(1-...	2.301	2.303	2.087	2.030	1.862	1.649		2.039	12.48
17)	2-Methylphenol	1.264	1.313	1.188	1.213	1.124	1.003	0.894	1.143	12.99
18)	Hexachloroethane	0.666	0.626	0.586	0.571	0.536	0.496	0.462	0.564	12.66
19) P	n-Nitroso-di-n...	1.412	1.458	1.313	1.274	1.166	0.947		1.262	14.70
20)	3+4-Methylphenols	1.771	1.813	1.644	1.672	1.569	1.341	1.206	1.574	14.22
21) I	Naphthalene-d8	-----ISTD-----								
22)	Acetophenone	0.676	0.640	0.602	0.601	0.577	0.529	0.493	0.588	10.64
23) S	Nitrobenzene-d5	0.538	0.510	0.476	0.486	0.461	0.430	0.404	0.472	9.63
24)	Nitrobenzene	0.499	0.478	0.442	0.456	0.436	0.408	0.383	0.443	8.92
25)	Isophorone	0.922	0.906	0.802	0.820	0.779	0.669	0.631	0.790	13.85
26) C	2-Nitrophenol	0.204	0.213	0.192	0.203	0.198	0.185	0.174	0.196	6.73
27)	2,4-Dimethylph...	0.319	0.305	0.280	0.293	0.279	0.253	0.237	0.281	10.22
28)	bis(2-Chloroet...	0.546	0.544	0.499	0.513	0.486	0.428	0.403	0.488	11.21
29) C	2,4-Dichloroph...	0.379	0.370	0.338	0.362	0.347	0.319	0.300	0.345	8.20
30)	1,2,4-Trichlor...	0.473	0.436	0.399	0.414	0.400	0.381	0.360	0.409	9.01
31)	Naphthalene	1.232	1.142	1.051	1.061	1.019	0.944	0.893	1.049	10.89
32)	Benzoic acid	0.175	0.209	0.190	0.236	0.234	0.201	0.196	0.206	10.98
33)	4-Chloroaniline	0.468	0.469	0.428	0.437	0.421	0.372	0.347	0.420	10.97
34) C	Hexachlorobuta...	0.343	0.320	0.291	0.304	0.290	0.281	0.264	0.299	8.65
35)	Caprolactam	0.065	0.080	0.066	0.069	0.069	0.055	0.054	0.065	13.45
36) C	4-Chloro-3-met...	0.430	0.442	0.389	0.403	0.393	0.330	0.312	0.386	12.47
37)	2-Methylnaphth...	0.827	0.806	0.726	0.746	0.725	0.635	0.594	0.723	11.68
38)	1-Methylnaphth...	0.798	0.790	0.712	0.731	0.702	0.612	0.580	0.704	11.75

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
 Method File : 8270E-BP121421.M

39) I	Acenaphthene-d10	-----ISTD-----									
40)	1,2,4,5-Tetrac...	0.856	0.775	0.754	0.780	0.756	0.725	0.701	0.764	6.44	
41) P	Hexachlorocycl...	0.065	0.107	0.183	0.200	0.210	0.208	0.162		37.79	
42) S	2,4,6-Tribromo...	0.304	0.321	0.285	0.302	0.300	0.271	0.274	0.294	6.12	
43) C	2,4,6-Trichlor...	0.514	0.489	0.474	0.510	0.485	0.453	0.435	0.480	5.99	
44)	2,4,5-Trichlor...	0.530	0.511	0.492	0.524	0.519	0.475	0.453	0.501	5.71	
45) S	2-Fluorobiphenyl	1.771	1.640	1.552	1.620	1.562	1.471	1.397	1.573	7.69	
46)	1,1'-Biphenyl	1.732	1.655	1.505	1.598	1.531	1.427	1.369	1.545	8.21	
47)	2-Chloronaphth...	1.407	1.284	1.209	1.265	1.221	1.147	1.096	1.232	8.17	
48)	2-Nitroaniline	0.441	0.442	0.413	0.435	0.421	0.381	0.369	0.415	7.06	
49)	Acenaphthylene	2.031	1.956	1.802	1.867	1.787	1.647	1.592	1.812	8.69	
50)	Dimethylphthalate	1.686	1.685	1.513	1.552	1.515	1.343	1.306	1.514	9.82	
51)	2,6-Dinitrotol...	0.338	0.354	0.316	0.323	0.320	0.285	0.277	0.316	8.61	
52) C	Acenaphthene	1.212	1.165	1.061	1.117	1.064	0.986	0.939	1.078	8.92	
53)	3-Nitroaniline	0.295	0.329	0.296	0.310	0.302	0.276	0.276	0.298	6.34	
54) P	2,4-Dinitrophenol	0.138	0.142	0.177	0.186	0.170	0.177	0.165		12.17	
55)	Dibenzofuran	2.097	2.003	1.820	1.869	1.816	1.644	1.585	1.833	9.91	
56) P	4-Nitrophenol	0.152	0.146	0.188	0.191	0.176	0.184	0.173		11.14	
57)	2,4-Dinitrotol...	0.435	0.473	0.415	0.431	0.426	0.389	0.387	0.422	6.99	
58)	Fluorene	1.626	1.559	1.403	1.440	1.407	1.271	1.244	1.421	9.78	
59)	2,3,4,6-Tetrac...	0.460	0.465	0.422	0.439	0.431	0.392	0.385	0.428	7.18	
60)	Diethylphthalate	1.592	1.635	1.413	1.446	1.438	1.277	1.259	1.437	9.89	
61)	4-Chlorophenyl...	0.927	0.894	0.802	0.827	0.810	0.725	0.701	0.812	10.05	
62)	4-Nitroaniline	0.253	0.282	0.259	0.276	0.278	0.261	0.269	0.268	4.10	
63)	Azobenzene	1.555	1.649	1.474	1.503	1.458	1.302	1.258	1.457	9.40	
64) I	Phenanthrene-d10	-----ISTD-----									
65)	4,6-Dinitro-2-...	0.109	0.129	0.127	0.145	0.141	0.134	0.130	0.131	8.90	
66) c	n-Nitrosodiphe...	0.741	0.669	0.637	0.659	0.613	0.566	0.523	0.630	11.29	
67)	4-Bromophenyl-...	0.300	0.273	0.262	0.272	0.259	0.238	0.220	0.260	9.89	
68)	Hexachlorobenzene	0.329	0.304	0.288	0.296	0.282	0.266	0.243	0.287	9.63	
69)	Atrazine	0.157	0.165	0.141	0.148	0.131	0.120	0.109	0.139	14.46	
70) C	Pentachlorophenol	0.118	0.129	0.121	0.141	0.137	0.128	0.125	0.128	6.37	
71)	Phenanthrene	1.257	1.185	1.082	1.094	1.043	0.989	0.933	1.083	10.24	
72)	Anthracene	1.192	1.165	1.075	1.091	1.039	0.987	0.933	1.069	8.63	
73)	Carbazole	1.097	1.068	0.965	0.978	0.927	0.930	0.881	0.978	8.01	
74)	Di-n-butylphth...	1.219	1.235	1.081	1.122	1.093	1.077	1.028	1.122	6.87	
75) C	Fluoranthene	1.361	1.336	1.169	1.188	1.130	1.214	1.165	1.223	7.32	
76) I	Chrysene-d12	-----ISTD-----									
77)	Benzidine	0.172	0.286	0.224	0.225	0.146	0.207	0.160	0.203	23.81	
78)	Pyrene	1.537	1.607	1.471	1.431	1.414	1.126		1.431	11.57	
79) S	Terphenyl-d14	1.259	1.334	1.198	1.201	1.204	0.960	0.889	1.149	14.10	
80)	Butylbenzylpht...	0.596	0.577	0.522	0.527	0.520	0.468	0.436	0.521	10.76	
81)	Benzo(a)anthra...	1.529	1.453	1.343	1.367	1.304	1.234	1.153	1.340	9.47	
82)	3,3'-Dichlorob...	0.697	0.672	0.635	0.622	0.584	0.573	0.535	0.617	9.25	
83)	Chrysene	1.487	1.405	1.277	1.285	1.233	1.168	1.107	1.280	10.24	
84)	Bis(2-ethylhex...	0.880	0.755	0.716	0.744	0.711	0.683	0.645	0.734	10.16	

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

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85) c	Di-n-octyl pht...	1.538	1.215	1.223	1.280	1.184	1.245	1.171	1.265	9.93
86) I	Perylene-d12	-----ISTD-----								
87)	Indeno(1,2,3-c...	1.816	1.583	1.570	1.628	1.571	1.480	1.373	1.574	8.64
88)	Benzo(b)fluora...	1.395	1.322	1.181	1.221	1.163	1.081	1.058	1.203	10.14
89)	Benzo(k)fluora...	1.348	1.383	1.211	1.235	1.205	1.110	1.001	1.213	10.79
90) C	Benzo(a)pyrene	1.200	1.145	1.028	1.062	1.025	0.955	0.894	1.044	10.01
91)	Dibenzo(a,h)an...	1.569	1.309	1.304	1.361	1.304	1.235	1.142	1.318	9.94
92)	Benzo(g,h,i)pe...	1.531	1.317	1.306	1.351	1.299	1.209	1.122	1.305	9.68

(#) = Out of Range