

Method Path : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\
 Method File : 8270-BF031721.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Thu Mar 18 02:38:45 2021
 Response Via : Initial Calibration

Calibration Files

5 =BF123369.D 10 =BF123370.D 20 =BF123371.D 40 =BF123372.D 50 =BF123373.D 60 =BF123374.D 80 =BF123375.D

Compound	5	10	20	40	50	60	80	Avg	%RSD

1) I 1,4-Dichlorobenzen...	-----ISTD-----								
2) 1,4-Dioxane	0.693	0.793	0.694	0.631	0.615	0.584	0.575	0.655	11.74
3) Pyridine	1.602	2.117	1.872	1.706	1.643	1.606	1.519	1.724	11.95
4) n-Nitrosodimet...	0.732	0.920	0.813	0.767	0.732	0.716	0.677	0.765	10.51
5) S 2-Fluorophenol	1.491	1.851	1.559	1.280	1.158	1.111		1.408	19.90
6) Aniline	2.279	2.701	2.245	1.868	1.684			2.155	18.34
7) S Phenol-d6	1.956	2.315	1.867	1.571	1.438			1.829	18.81
8) 2-Chlorophenol	1.626	1.974	1.645	1.392	1.276	1.206		1.520	18.77
9) Benzaldehyde	1.124	1.329	1.038	0.789	0.726	0.682		0.948	27.12
10) C Phenol	2.165	2.589	2.101	1.667	1.513	1.390		1.904	24.05
11) bis(2-Chloroet...	1.556	1.897	1.610	1.416	1.311	1.251	1.146	1.455	17.49
12) 1,3-Dichlorobe...	1.670	2.019	1.692	1.440	1.323	1.268	1.149	1.508	20.00
13) C 1,4-Dichlorobe...	1.674	2.044	1.702	1.440	1.335	1.254		1.575	18.51
14) 1,2-Dichlorobe...	1.647	1.911	1.592	1.307	1.192			1.530	18.69
15) Benzyl Alcohol	1.225	1.489	1.236	0.996	0.912			1.172	19.35
16) 2,2'-oxybis(1-...	2.631	3.153	2.706	2.323	2.125	2.047	1.831	2.402	18.96
17) 2-Methylphenol	1.258	1.585	1.287	1.108	1.012	0.969		1.203	18.82
18) Hexachloroethane	0.582	0.720	0.613	0.527	0.486	0.469	0.428	0.546	18.26
19) P n-Nitroso-di-n...	1.065	1.286	1.040	0.857	0.773			1.004	19.87
20) 3+4-Methylphenols	1.705	2.031	1.613	1.247	1.101	1.017		1.452	27.18
21) I Naphthalene-d8	-----ISTD-----								
22) Acetophenone	0.514	0.596	0.495	0.411	0.375			0.478	18.23
23) S Nitrobenzene-d5	0.364	0.435	0.372	0.329	0.308	0.297	0.278	0.341	15.93
24) Nitrobenzene	0.400	0.484	0.416	0.363	0.345	0.328	0.302	0.377	16.32
25) Isophorone	0.734	0.888	0.763	0.689	0.644	0.646	0.583	0.707	14.11
26) C 2-Nitrophenol	0.196	0.253	0.222	0.202	0.192	0.187	0.174	0.204	12.92
27) 2,4-Dimethylph...	0.316	0.379	0.322	0.283	0.267	0.260	0.238	0.295	16.18
28) bis(2-Chloroet...	0.435	0.521	0.455	0.397	0.370	0.361	0.332	0.410	15.80
29) C 2,4-Dichloroph...	0.301	0.371	0.324	0.280	0.257	0.251	0.230	0.288	16.87
30) 1,2,4-Trichlor...	0.309	0.368	0.314	0.265	0.245	0.237	0.219	0.280	18.80
31) Naphthalene	1.159	1.352	1.129	0.945	0.862	0.838		1.048	19.12
32) Benzoic acid	0.135	0.255	0.231	0.234	0.227	0.230	0.213	0.218	17.61
33) 4-Chloroaniline	0.467	0.562	0.476	0.422	0.384	0.372	0.335	0.431	17.78
34) C Hexachlorobuta...	0.149	0.179	0.157	0.129	0.120	0.117	0.109	0.137	18.42
35) Caprolactam	0.096	0.125	0.103	0.102	0.095	0.096	0.081	0.100	13.41
36) C 4-Chloro-3-met...	0.313	0.389	0.333	0.296	0.273	0.271	0.239	0.302	16.28
37) 2-Methylnaphth...	0.761	0.895	0.751	0.627	0.562	0.552		0.691	19.45
38) 1-Methylnaphth...	0.720	0.837	0.701	0.591	0.531	0.520		0.650	19.13

Method Path : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\										
Method File : 8270-BF031721.M										
39) I	Acenaphthene-d10	-----ISTD-----								
40)	1,2,4,5-Tetrac...	0.521	0.625	0.536	0.442	0.409	0.388	0.368	0.470	19.92
41) P	Hexachlorocycl...	0.124	0.154	0.172	0.168	0.172	0.177	0.161		12.30
42) S	2,4,6-Tribromo...	0.151	0.189	0.154	0.136	0.123	0.119	0.106	0.140	19.84
43) C	2,4,6-Trichlor...	0.386	0.479	0.421	0.367	0.338	0.328	0.312	0.376	15.59
44)	2,4,5-Trichlor...	0.420	0.516	0.452	0.402	0.362	0.353	0.341	0.406	15.39
45) S	2-Fluorobiphenyl	1.625	1.330	1.019	0.927	0.865	0.827	1.099		28.62
46)	1,1'-Biphenyl	1.750	2.012	1.712	1.394	1.287		1.631		17.90
47)	2-Chloronaphth...	1.398	1.670	1.412	1.169	1.090	1.021	1.293		18.87
48)	2-Nitroaniline	0.427	0.526	0.451	0.426	0.402	0.382	0.351	0.423	13.22
49)	Acenaphthylene	2.216	2.591	2.162	1.810	1.645	1.542	1.994		19.98
50)	Dimethylphthalate	1.567	1.831	1.544	1.357	1.258	1.221	1.117	1.414	17.50
51)	2,6-Dinitrotol...	0.347	0.432	0.366	0.336	0.307	0.297	0.271	0.337	15.74
52) C	Acenaphthene	1.312	1.518	1.259	1.058	0.967	0.917	1.172		19.71
53)	3-Nitroaniline	0.444	0.534	0.445	0.424	0.386	0.384	0.339	0.422	14.70
54) P	2,4-Dinitrophenol	0.161	0.160	0.186	0.179	0.177	0.148	0.168		8.54
55)	Dibenzofuran	2.035	2.352	1.902	1.554	1.411	1.330	1.764		22.61
56) P	4-Nitrophenol	0.206	0.322	0.286	0.314	0.298	0.290	0.256	0.282	14.13
57)	2,4-Dinitrotol...	0.464	0.570	0.469	0.430	0.385	0.363	0.323	0.429	19.11
58)	Fluorene	1.551	1.766	1.410	1.147	1.049	0.972	1.316		23.66
59)	2,3,4,6-Tetrac...	0.283	0.370	0.314	0.291	0.265	0.254	0.232	0.287	15.80
60)	Diethylphthalate	1.530	1.808	1.491	1.289	1.166	1.114	1.400		18.64
61)	4-Chlorophenyl...	0.618	0.713	0.576	0.471	0.426	0.398	0.534		22.99
62)	4-Nitroaniline	0.433	0.530	0.427	0.428	0.399	0.383	0.334	0.419	14.30
63)	Azobenzene	1.643	1.923	1.593	1.367	1.256	1.202	1.497		18.27
64) I	Phenanthrene-d10	-----ISTD-----								
65)	4,6-Dinitro-2-...	0.106	0.171	0.151	0.148	0.142	0.139	0.128	0.141	14.33
66) c	n-Nitrosodiphe...	0.802	0.956	0.807	0.657	0.621	0.590	0.574	0.715	19.94
67)	4-Bromophenyl-...	0.207	0.252	0.212	0.177	0.168	0.162	0.156	0.190	18.23
68)	Hexachlorobenzene	0.217	0.262	0.224	0.183	0.172	0.165	0.160	0.198	19.11
69)	Atrazine	0.208	0.256	0.208	0.182	0.170	0.164	0.148	0.191	19.01
70) C	Pentachlorophenol	0.111	0.109	0.114	0.107	0.103	0.099	0.107		5.07
71)	Phenanthrene	1.355	1.533	1.253	1.011	0.951		1.221		19.77
72)	Anthracene	1.343	1.551	1.267	1.020	0.958		1.228		19.74
73)	Carbazole	1.336	1.588	1.257	1.071	0.999		1.250		18.61
74)	Di-n-butylphth...	1.517	1.824	1.445	1.201	1.113		1.420		19.76
75) C	Fluoranthene	1.296	1.551	1.166	1.010	0.933	0.846	1.134		22.98
76) I	Chrysene-d12	-----ISTD-----								
77)	Benzidine	0.910	0.890	0.751	0.683	0.647	0.636	0.568	0.726	17.98
78)	Pyrene	1.845	2.264	2.183	1.694	1.588	1.731	1.537	1.835	15.51
79) S	Terphenyl-d14	1.135	1.273	1.198	0.875	0.800	0.882	1.027		19.33
80)	Butylbenzylpht...	0.844	1.063	0.975	0.840	0.789	0.823	0.723	0.865	13.34
81)	Benzo(a)anthra...	1.465	1.725	1.466	1.212	1.154	1.136	1.072	1.318	18.09
82)	3,3'-Dichlorob...	0.482	0.591	0.486	0.432	0.400	0.385	0.376	0.450	16.89
83)	Chrysene	1.508	1.771	1.508	1.261	1.197	1.181	1.105	1.361	17.63
84)	Bis(2-ethylhex...	1.135	1.344	1.160	0.984	0.905	0.922	0.848	1.042	16.97
85) c	Di-n-octyl pht...	1.865	2.349	1.862	1.694	1.600	1.529	1.509	1.773	16.50

Method Path : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\

Method File : 8270-BF031721.M

86) I	Perylene-d12										
87)	Indeno(1,2,3-c...	1.289	1.499	1.480	1.231	1.183	1.337	1.362	1.340	8.84	
88)	Benzo(b)fluora...	1.464	1.880	1.584	1.448	1.305	1.275	1.106	1.437	17.31	
89)	Benzo(k)fluora...	1.490	1.670	1.436	1.201	1.159	1.104	0.953	1.287	19.52	
90) C	Benzo(a)pyrene	1.331	1.613	1.417	1.217	1.143	1.125	1.028	1.268	15.81	
91)	Dibenzo(a,h)an...	1.073	1.274	1.257	1.008	0.971	1.081	1.085	1.107	10.51	
92)	Benzo(g,h,i)pe...	1.054	1.239	1.317	1.077	1.038	1.227	1.286	1.177	9.95	

(#) = Out of Range