

Method Path : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\
 Method File : 8270-BF021921.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Fri Feb 19 16:08:53 2021
 Response Via : Initial Calibration

Calibration Files

5 =BF123224.D 10 =BF123225.D 20 =BF123226.D 40 =BF123227.D 50 =BF123228.D 60 =BF123229.D 80 =BF123230.D

	Compound	5	10	20	40	50	60	80	Avg	%RSD

1) I	1,4-Dichlorobenzen...	-----ISTD-----								
2)	1,4-Dioxane	0.556	0.952	0.900	0.822	0.770	0.810		0.802	17.11
3)	Pyridine	1.389	2.010	2.455	2.225	2.081	2.053	1.465	1.954	19.95
4)	n-Nitrosodimet...	0.682	1.046	1.090	0.992	0.929	0.936	0.650	0.903	19.04
5) S	2-Fluorophenol	1.536	1.730	1.519	1.348	1.242	1.232	1.119	1.389	15.43
6)	Aniline	2.383	2.681	2.408	2.164	2.052	1.995	1.925	2.230	12.19
7) S	Phenol-d6	2.093	2.332	2.062	1.830	1.702	1.655	1.540	1.888	15.03
8)	2-Chlorophenol	1.619	1.843	1.608	1.465	1.360	1.353	1.202	1.493	14.32
9)	Benzaldehyde	1.337	1.461	1.253	0.986	0.872	0.850	0.766	1.075	25.31
10) C	Phenol	2.305	2.556	2.249	1.987	1.846	1.801	1.655	2.057	15.67
11)	bis(2-Chloroet...	1.663	1.792	1.557	1.404	1.331	1.308	1.274	1.476	13.46
12)	1,3-Dichlorobe...	1.664	1.909	1.688	1.531	1.419	1.412	1.247	1.553	14.13
13) C	1,4-Dichlorobe...	1.692	1.975	1.738	1.562	1.436	1.430	1.245	1.582	15.24
14)	1,2-Dichlorobe...	1.575	1.863	1.629	1.445	1.362	1.317	1.114	1.472	16.49
15)	Benzyl Alcohol	1.527	1.802	1.617	1.463	1.363	1.329	1.201	1.472	13.56
16)	2,2'-oxybis(1-...	2.511	2.398	2.091	1.878	1.771	1.733	1.787	2.024	15.73
17)	2-Methylphenol	1.383	1.513	1.328	1.214	1.160	1.137	1.054	1.256	12.73
18)	Hexachloroethane	0.603	0.715	0.645	0.575	0.549	0.550	0.364	0.572	19.03
19) P	n-Nitroso-di-n...	1.269	1.403	1.243	1.110	1.066	1.050	0.721	1.123	19.38
20)	3+4-Methylphenols	1.755	1.992	1.769	1.540	1.446	1.391		1.649	13.90
21) I	Naphthalene-d8	-----ISTD-----								
22)	Acetophenone	0.540	0.646	0.563	0.503	0.476	0.464	0.439	0.519	13.66
23) S	Nitrobenzene-d5	0.441	0.529	0.473	0.428	0.406	0.399	0.381	0.437	11.62
24)	Nitrobenzene	0.477	0.557	0.501	0.447	0.427	0.419	0.397	0.461	11.95
25)	Isophorone	0.850	0.971	0.863	0.788	0.763	0.754	0.730	0.817	10.27
26) C	2-Nitrophenol	0.168	0.226	0.206	0.195	0.190	0.187	0.179	0.193	9.71
27)	2,4-Dimethylph...	0.305	0.350	0.320	0.291	0.281	0.277	0.267	0.299	9.60
28)	bis(2-Chloroet...	0.449	0.506	0.457	0.411	0.397	0.396	0.376	0.428	10.63
29) C	2,4-Dichloroph...	0.301	0.367	0.333	0.301	0.290	0.289	0.278	0.308	10.04
30)	1,2,4-Trichlor...	0.319	0.410	0.366	0.331	0.312	0.314	0.296	0.335	11.75
31)	Naphthalene	1.155	1.331	1.183	1.069	1.019	0.991	0.925	1.096	12.52
32)	Benzoic acid		0.183	0.203	0.230	0.240	0.234	0.232	0.220	10.03
33)	4-Chloroaniline	0.455	0.529	0.482	0.432	0.421	0.412	0.391	0.446	10.57
34) C	Hexachlorobuta...	0.171	0.232	0.207	0.187	0.178	0.180	0.169	0.189	11.94
35)	Caprolactam	0.097	0.118	0.110	0.100	0.099	0.097	0.104	0.103	7.61
36) C	4-Chloro-3-met...	0.360	0.434	0.399	0.357	0.350	0.339	0.327	0.367	10.17
37)	2-Methylnaphth...	0.751	0.883	0.792	0.710	0.681	0.666	0.629	0.730	11.86
38)	1-Methylnaphth...	0.700	0.833	0.739	0.662	0.637	0.620	0.588	0.683	12.15

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39) I	Acenaphthene-d10	-----ISTD-----								
40)	1,2,4,5-Tetrac...	0.570	0.731	0.649	0.593	0.556	0.556	0.530	0.598	11.70
41) P	Hexachlorocycl...	0.172	0.293	0.297	0.308	0.298	0.298	0.294	0.280	17.03
42) S	2,4,6-Tribromo...	0.165	0.242	0.221	0.208	0.199	0.198	0.192	0.204	11.71
43) C	2,4,6-Trichlor...	0.386	0.499	0.454	0.429	0.406	0.407	0.387	0.424	9.67
44)	2,4,5-Trichlor...	0.406	0.537	0.494	0.451	0.440	0.433	0.413	0.454	10.34
45) S	2-Fluorobiphenyl	1.462	1.741	1.542	1.353	1.257	1.234	1.158	1.392	14.62
46)	1,1'-Biphenyl	1.722	2.046	1.801	1.625	1.519	1.487	1.413	1.659	13.14
47)	2-Chloronaphth...	1.323	1.590	1.422	1.285	1.213	1.199	1.130	1.309	11.92
48)	2-Nitroaniline	0.452	0.544	0.509	0.473	0.444	0.440	0.422	0.469	9.19
49)	Acenaphthylene	2.037	2.405	2.178	1.946	1.830	1.804	1.698	1.986	12.28
50)	Dimethylphthalate	1.488	1.794	1.625	1.447	1.407	1.380	1.328	1.496	10.84
51)	2,6-Dinitrotol...	0.311	0.405	0.381	0.348	0.329	0.325	0.314	0.345	10.35
52) C	Acenaphthene	1.334	1.643	1.495	1.356	1.294	1.263	1.199	1.369	11.07
53)	3-Nitroaniline	0.384	0.444	0.409	0.384	0.366	0.353	0.336	0.383	9.40
54) P	2,4-Dinitrophenol	0.137	0.180	0.189	0.192	0.195	0.194	0.181		12.23
55)	Dibenzofuran	1.941	2.267	2.026	1.803	1.696	1.661	1.580	1.854	12.99
56) P	4-Nitrophenol	0.260	0.347	0.334	0.320	0.304	0.289	0.280	0.305	10.12
57)	2,4-Dinitrotol...	0.417	0.555	0.504	0.469	0.449	0.437	0.414	0.464	11.02
58)	Fluorene	1.498	1.805	1.596	1.428	1.330	1.321	1.234	1.459	13.33
59)	2,3,4,6-Tetrac...	0.315	0.417	0.394	0.371	0.351	0.347	0.338	0.362	9.61
60)	Diethylphthalate	1.468	1.787	1.600	1.454	1.394	1.363	1.303	1.481	11.09
61)	4-Chlorophenyl...	0.698	0.862	0.763	0.678	0.640	0.631	0.588	0.694	13.32
62)	4-Nitroaniline	0.351	0.470	0.416	0.386	0.365	0.361	0.347	0.385	11.52
63)	Azobenzene	1.875	2.102	1.847	1.642	1.546	1.511	1.421	1.707	14.25
64) I	Phenanthrene-d10	-----ISTD-----								
65)	4,6-Dinitro-2-...	0.086	0.137	0.144	0.148	0.144	0.144	0.140	0.135	16.20
66) c	n-Nitrosodiphe...	0.702	0.836	0.742	0.682	0.642	0.637	0.601	0.692	11.40
67)	4-Bromophenyl-...	0.200	0.259	0.233	0.216	0.211	0.210	0.197	0.218	9.86
68)	Hexachlorobenzene	0.208	0.278	0.244	0.231	0.219	0.219	0.208	0.230	10.83
69)	Atrazine	0.202	0.264	0.237	0.217	0.210	0.206	0.193	0.219	11.19
70) C	Pentachlorophenol	0.103	0.159	0.158	0.154	0.150	0.149	0.142	0.145	13.41
71)	Phenanthrene	1.229	1.461	1.273	1.162	1.087	1.073	0.994	1.183	13.13
72)	Anthracene	1.201	1.445	1.291	1.160	1.095	1.074	0.995	1.180	12.77
73)	Carbazole	1.164	1.365	1.200	1.088	1.021	1.011	0.931	1.111	13.04
74)	Di-n-butylphth...	1.235	1.498	1.349	1.209	1.177	1.167	1.062	1.243	11.40
75) C	Fluoranthene	1.252	1.548	1.359	1.248	1.172	1.139	1.057	1.254	12.87
76) I	Chrysene-d12	-----ISTD-----								
77)	Benzidine	0.781	0.808	0.717	0.596	0.615	0.550	0.455	0.646	19.87
78)	Pyrene	1.612	1.854	1.666	1.522	1.460	1.436	1.380	1.561	10.44
79) S	Terphenyl-d14	1.053	1.261	1.122	1.011	0.973	0.948	0.914	1.040	11.48
80)	Butylbenzylpht...	0.625	0.753	0.703	0.647	0.635	0.635	0.622	0.660	7.48
81)	Benzo(a)anthra...	1.370	1.630	1.464	1.335	1.266	1.261	1.189	1.359	10.92
82)	3,3'-Dichlorob...	0.443	0.559	0.507	0.445	0.417	0.410	0.382	0.452	13.57
83)	Chrysene	1.345	1.612	1.446	1.312	1.244	1.206	1.180	1.335	11.39
84)	Bis(2-ethylhex...	0.914	1.050	0.977	0.865	0.867	0.868	0.820	0.909	8.72
85) c	Di-n-octyl pht...	1.571	1.794	1.656	1.492	1.473	1.491	1.389	1.552	8.71

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86) I	Perylene-d12										
87)	Indeno(1,2,3-c...	1.379	1.711	1.622	1.371	1.239	1.246	1.107	1.382	15.63	
88)	Benzo(b)fluora...	1.297	1.702	1.269	1.394	1.377	1.347	1.447	1.405	10.26	
89)	Benzo(k)fluora...	1.353	1.519	1.213	1.317	1.187	1.216	1.111	1.274	10.61	
90) C	Benzo(a)pyrene	1.217	1.487	1.292	1.254	1.176	1.176	1.165	1.253	9.05	
91)	Dibenzo(a,h)an...	1.182	1.458	1.388	1.170	1.069	1.072	0.961	1.186	15.11	
92)	Benzo(g,h,i)pe...	1.173	1.406	1.067	1.122	0.989	1.005	0.884	1.092	15.32	

(#) = Out of Range