

Method Path : Z:\svoasrv\HPCHEM1\BNA_M\Methods\
 Method File : 8270-BM081621.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Mon Aug 16 16:42:38 2021
 Response Via : Initial Calibration

Calibration Files

5 =BM031746.D 10 =BM031747.D 20 =BM031748.D 40 =BM031749.D 50 =BM031750.D 60 =BM031751.D 80 =BM031752.D

	Compound	5	10	20	40	50	60	80	Avg	%RSD

1) I	1,4-Dichlorobenzen...	-----ISTD-----								
2)	1,4-Dioxane	0.618	0.625	0.531	0.520	0.450	0.464	0.439	0.521	14.74
3)	Pyridine	1.445	1.637	1.485	1.481	1.355	1.370	1.306	1.440	7.65
4)	n-Nitrosodimet...	0.836	0.994	0.817	0.866	0.780	0.803	0.785	0.840	8.84
5) S	2-Fluorophenol	1.260	1.447	1.250	1.271	1.170	1.184	1.141	1.246	8.16
6)	Aniline	1.974	2.237	1.985	2.050	1.865	1.883	1.827	1.974	7.07
7) S	Phenol-d6	1.767	2.008	1.795	1.905	1.725	1.741	1.698	1.806	6.17
8)	2-Chlorophenol	1.508	1.615	1.461	1.517	1.373	1.399	1.341	1.459	6.56
9)	Benzaldehyde	1.374	1.530	1.292	1.284	1.116	1.094		1.282	12.73
10) C	Phenol	1.762	2.002	1.790	1.881	1.705	1.742	1.674	1.794	6.31
11)	bis(2-Chloroet...	1.416	1.564	1.324	1.392	1.267	1.266	1.203	1.347	8.99
12)	1,3-Dichlorobe...	1.635	1.762	1.594	1.624	1.444	1.462	1.404	1.561	8.24
13) C	1,4-Dichlorobe...	1.716	1.859	1.612	1.639	1.480	1.501	1.449	1.608	9.11
14)	1,2-Dichlorobe...	1.699	1.791	1.584	1.589	1.472	1.488	1.434	1.580	8.17
15)	Benzyl Alcohol	1.473	1.679	1.572	1.641	1.516	1.529	1.474	1.555	5.16
16)	2,2'-oxybis(1-...	2.075	2.239	1.945	1.991	1.777	1.760	1.691	1.925	10.17
17)	2-Methylphenol	1.208	1.405	1.270	1.352	1.218	1.228	1.198	1.268	6.30
18)	Hexachloroethane	0.697	0.751	0.663	0.699	0.627	0.628	0.601	0.667	7.89
19) P	n-Nitroso-di-n...	1.416	1.581	1.427	1.493	1.358	1.378	1.328	1.426	6.09
20)	3+4-Methylphenols	1.747	1.965	1.788	1.850	1.691	1.762	1.679	1.783	5.54
21) I	Naphthalene-d8	-----ISTD-----								
22)	Acetophenone	0.561	0.632	0.570	0.590	0.531	0.551	0.541	0.568	6.02
23) S	Nitrobenzene-d5	0.471	0.528	0.475	0.500	0.449	0.468	0.451	0.478	5.83
24)	Nitrobenzene	0.496	0.553	0.499	0.506	0.452	0.466	0.450	0.489	7.40
25)	Isophorone	0.854	0.933	0.865	0.898	0.808	0.834	0.806	0.857	5.47
26) C	2-Nitrophenol	0.178	0.198	0.192	0.205	0.188	0.194	0.193	0.192	4.42
27)	2,4-Dimethylph...	0.286	0.321	0.297	0.308	0.277	0.288	0.283	0.294	5.26
28)	bis(2-Chloroet...	0.398	0.454	0.425	0.432	0.389	0.400	0.388	0.412	6.09
29) C	2,4-Dichloroph...	0.306	0.351	0.332	0.358	0.326	0.339	0.328	0.334	5.21
30)	1,2,4-Trichlor...	0.357	0.388	0.355	0.369	0.338	0.350	0.342	0.357	4.79
31)	Naphthalene	1.125	1.265	1.147	1.193	1.081	1.115	1.090	1.145	5.66
32)	Benzoic acid	0.224	0.275	0.271	0.282	0.251	0.277	0.266	0.263	7.67
33)	4-Chloroaniline	0.446	0.515	0.476	0.504	0.459	0.472	0.459	0.476	5.29
34) C	Hexachlorobuta...	0.236	0.247	0.225	0.239	0.213	0.221	0.214	0.228	5.76
35)	Caprolactam	0.092	0.122	0.121	0.127	0.115	0.119	0.117	0.116	9.87
36) C	4-Chloro-3-met...	0.372	0.438	0.418	0.445	0.405	0.418	0.405	0.415	5.84
37)	2-Methylnaphth...	0.836	0.936	0.849	0.905	0.809	0.842	0.821	0.857	5.41
38)	1-Methylnaphth...	0.795	0.901	0.807	0.861	0.771	0.805	0.790	0.818	5.57

Method Path : Z:\svoasrv\HPCHEM1\BNA_M\Methods\										
Method File : 8270-BM081621.M										
39) I	Acenaphthene-d10	-----ISTD-----								
40)	1,2,4,5-Tetrac...	0.568	0.621	0.546	0.597	0.540	0.556	0.549	0.568	5.31
41) P	Hexachlorocycl...	0.235	0.283	0.278	0.315	0.284	0.296	0.298	0.284	8.82
42) S	2,4,6-Tribromo...	0.219	0.262	0.235	0.264	0.238	0.253	0.252	0.246	6.56
43) C	2,4,6-Trichlor...	0.376	0.459	0.402	0.446	0.403	0.425	0.420	0.419	6.70
44)	2,4,5-Trichlor...	0.421	0.489	0.455	0.490	0.443	0.459	0.446	0.458	5.43
45) S	2-Fluorobiphenyl	1.488	1.653	1.447	1.570	1.419	1.479	1.462	1.503	5.40
46)	1,1'-Biphenyl	1.589	1.732	1.535	1.638	1.484	1.532	1.507	1.574	5.50
47)	2-Chloronaphth...	1.237	1.363	1.196	1.296	1.158	1.208	1.190	1.236	5.76
48)	2-Nitroaniline	0.424	0.479	0.449	0.496	0.445	0.465	0.452	0.459	5.16
49)	Acenaphthylene	1.931	2.236	1.968	2.126	1.916	2.006	1.976	2.023	5.77
50)	Dimethylphthalate	1.702	1.865	1.620	1.736	1.557	1.618	1.569	1.667	6.55
51)	2,6-Dinitrotol...	0.342	0.412	0.361	0.390	0.356	0.370	0.361	0.370	6.36
52) C	Acenaphthene	1.202	1.359	1.191	1.294	1.164	1.216	1.199	1.232	5.58
53)	3-Nitroaniline	0.336	0.397	0.382	0.408	0.371	0.387	0.378	0.380	6.03
54) P	2,4-Dinitrophenol	0.204	0.191	0.237	0.215	0.229	0.233	0.218		8.36
55)	Dibenzofuran	2.007	2.280	2.011	2.142	1.936	2.040	1.998	2.059	5.60
56) P	4-Nitrophenol	0.267	0.336	0.321	0.356	0.325	0.335	0.329	0.324	8.53
57)	2,4-Dinitrotol...	0.463	0.566	0.515	0.575	0.516	0.549	0.548	0.533	7.21
58)	Fluorene	1.610	1.860	1.630	1.805	1.629	1.722	1.710	1.710	5.58
59)	2,3,4,6-Tetrac...	0.397	0.453	0.404	0.435	0.397	0.413	0.405	0.415	5.14
60)	Diethylphthalate	1.787	2.029	1.791	1.929	1.731	1.804	1.752	1.832	5.87
61)	4-Chlorophenyl...	0.798	0.900	0.799	0.861	0.785	0.814	0.819	0.825	4.97
62)	4-Nitroaniline	0.321	0.390	0.416	0.424	0.384	0.408	0.391	0.390	8.71
63)	Azobenzene	1.930	2.247	2.011	2.160	1.923	1.994	1.930	2.028	6.27
64) I	Phenanthrene-d10	-----ISTD-----								
65)	4,6-Dinitro-2-...	0.107	0.139	0.130	0.150	0.140	0.144	0.147	0.137	10.57
66) c	n-Nitrosodiphe...	0.632	0.709	0.633	0.694	0.632	0.655	0.648	0.658	4.79
67)	4-Bromophenyl-...	0.201	0.231	0.209	0.225	0.203	0.212	0.209	0.213	5.26
68)	Hexachlorobenzene	0.236	0.248	0.229	0.245	0.221	0.227	0.224	0.233	4.50
69)	Atrazine	0.227	0.256	0.230	0.248	0.225	0.231	0.221	0.234	5.56
70) C	Pentachlorophenol	0.132	0.163	0.154	0.170	0.155	0.161	0.160	0.156	7.70
71)	Phenanthrene	1.187	1.329	1.173	1.283	1.175	1.207	1.185	1.220	5.02
72)	Anthracene	1.135	1.293	1.172	1.257	1.152	1.186	1.175	1.196	4.82
73)	Carbazole	1.125	1.295	1.171	1.277	1.156	1.191	1.171	1.198	5.32
74)	Di-n-butylphth...	1.366	1.573	1.460	1.591	1.461	1.513	1.481	1.492	5.10
75) C	Fluoranthene	1.379	1.581	1.428	1.535	1.411	1.456	1.437	1.461	4.90
76) I	Chrysene-d12	-----ISTD-----								
77)	Benzidine	0.584	0.591	0.593	0.596	0.595	0.556	0.646	0.594	4.47
78)	Pyrene	1.405	1.533	1.375	1.537	1.396	1.464	1.433	1.449	4.48
79) S	Terphenyl-d14	1.114	1.228	1.105	1.271	1.157	1.227	1.207	1.187	5.30
80)	Butylbenzylpht...	0.620	0.725	0.660	0.749	0.690	0.715	0.700	0.694	6.20
81)	Benzo(a)anthra...	1.439	1.584	1.421	1.550	1.398	1.451	1.411	1.465	4.95
82)	3,3'-Dichlorob...	0.418	0.480	0.432	0.491	0.440	0.462	0.447	0.453	5.77
83)	Chrysene	1.407	1.565	1.380	1.503	1.355	1.406	1.380	1.428	5.36
84)	Bis(2-ethylhex...	0.928	1.095	1.018	1.163	1.069	1.127	1.113	1.073	7.34
85) c	Di-n-octyl pht...	1.637	1.914	1.732	1.882	1.713	1.794	1.740	1.773	5.50

Method Path : Z:\svoasrv\HPCHEM1\BNA_M\Methods\
Method File : 8270-BM081621.M

86) I	Perylene-d12										
87)	Indeno(1,2,3-c...	1.414	1.616	1.421	1.469	1.308	1.332	1.306	1.409	7.83	
88)	Benzo(b)fluora...	1.408	1.564	1.406	1.602	1.465	1.535	1.532	1.502	5.11	
89)	Benzo(k)fluora...	1.375	1.509	1.382	1.509	1.436	1.461	1.473	1.449	3.78	
90) C	Benzo(a)pyrene	1.240	1.418	1.284	1.408	1.298	1.327	1.332	1.330	4.87	
91)	Dibenzo(a,h)an...	1.239	1.403	1.248	1.288	1.154	1.182	1.164	1.240	7.02	
92)	Benzo(g,h,i)pe...	1.168	1.323	1.170	1.158	1.033	1.038	1.011	1.129	9.79	

(#) = Out of Range