

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
 Method File : 8270-BP110320.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Wed Dec 23 09:40:21 2020
 Response Via : Initial Calibration

Calibration Files

5 =BP003789.D 10 =BP003790.D 20 =BP003791.D 40 =BP003792.D 50 =BP003793.D 60 =BP003794.D 80 =BP003795.D

Compound	5	10	20	40	50	60	80	Avg	%RSD

1) I 1,4-Dichlorobenzen...	-----ISTD-----								
2) 1,4-Dioxane	0.572	0.586	0.518	0.484	0.491	0.482	0.485	0.517	8.60
3) Pyridine	1.575	1.680	1.523	1.451	1.488	1.448	1.449	1.516	5.69
4) n-Nitrosodimet...	0.731	0.784	0.705	0.664	0.681	0.662	0.659	0.698	6.60
5) S 2-Fluorophenol	1.214	1.328	1.212	1.144	1.173	1.159	1.158	1.198	5.28
6) Aniline	2.007	2.130	1.967	1.891	1.928	1.882	1.869	1.953	4.73
7) S Phenol-d6	1.750	1.900	1.745	1.656	1.697	1.651	1.642	1.720	5.27
8) 2-Chlorophenol	1.307	1.409	1.288	1.229	1.244	1.216	1.213	1.272	5.51
9) Benzaldehyde	1.062	1.084	0.940	0.728	0.748	0.675		0.873	20.53
10) C Phenol	1.718	1.835	1.667	1.584	1.641	1.594	1.581	1.660	5.54
11) bis(2-Chloroet...	1.415	1.492	1.355	1.273	1.303	1.253	1.249	1.334	6.87
12) 1,3-Dichlorobe...	1.658	1.772	1.586	1.468	1.509	1.464	1.458	1.559	7.67
13) C 1,4-Dichlorobe...	1.689	1.777	1.610	1.484	1.512	1.471	1.460	1.572	7.84
14) 1,2-Dichlorobe...	1.620	1.702	1.522	1.425	1.444	1.412	1.385	1.501	7.94
15) Benzyl Alcohol	1.107	1.268	1.218	1.179	1.209	1.183	1.175	1.191	4.13
16) 2,2'-oxybis(1-...	2.488	2.554	2.292	2.128	2.145	2.079	2.044	2.247	9.06
17) 2-Methylphenol	1.103	1.195	1.102	1.052	1.078	1.050	1.049	1.090	4.78
18) Hexachloroethane	0.561	0.616	0.557	0.544	0.551	0.541	0.541	0.559	4.73
19) P n-Nitroso-di-n...	0.992	1.106	1.056	1.013	1.035	1.009	0.986	1.028	4.09
20) 3+4-Methylphenols	1.408	1.575	1.496	1.420	1.450	1.422	1.412	1.455	4.22
21) I Naphthalene-d8	-----ISTD-----								
22) Acetophenone	0.540	0.583	0.537	0.501	0.533	0.524	0.541	0.537	4.58
23) S Nitrobenzene-d5	0.380	0.433	0.407	0.386	0.414	0.412	0.427	0.408	4.80
24) Nitrobenzene	0.392	0.437	0.404	0.381	0.408	0.404	0.415	0.406	4.34
25) Isophorone	0.630	0.716	0.700	0.665	0.711	0.705	0.728	0.694	4.93
26) C 2-Nitrophenol	0.121	0.147	0.152	0.157	0.172	0.175	0.185	0.158	13.57
27) 2,4-Dimethylph...	0.258	0.278	0.263	0.247	0.264	0.265	0.275	0.264	3.86
28) bis(2-Chloroet...	0.481	0.514	0.478	0.445	0.471	0.465	0.478	0.476	4.39
29) C 2,4-Dichloroph...	0.289	0.332	0.318	0.304	0.324	0.324	0.338	0.319	5.24
30) 1,2,4-Trichlor...	0.396	0.426	0.385	0.359	0.381	0.379	0.391	0.388	5.27
31) Naphthalene	1.119	1.177	1.063	0.988	1.057	1.037	1.071	1.073	5.61
32) Benzoic acid		0.092	0.133	0.160	0.182	0.190	0.208	0.161	26.41
33) 4-Chloroaniline	0.443	0.487	0.458	0.430	0.456	0.452	0.467	0.456	3.91
34) C Hexachlorobuta...	0.263	0.276	0.249	0.233	0.249	0.247	0.255	0.253	5.37
35) Caprolactam	0.075	0.094	0.098	0.097	0.106	0.106	0.113	0.098	12.22
36) C 4-Chloro-3-met...	0.315	0.355	0.344	0.326	0.355	0.349	0.363	0.344	4.98
37) 2-Methylnaphth...	0.797	0.834	0.765	0.710	0.757	0.745	0.769	0.768	5.07
38) 1-Methylnaphth...	0.769	0.809	0.731	0.672	0.716	0.708	0.724	0.733	6.04

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\										
Method File : 8270-BP110320.M										
39) I	Acenaphthene-d10	-----ISTD-----								
40)	1,2,4,5-Tetrac...	0.663	0.721	0.662	0.611	0.649	0.652	0.676	0.662	4.97
41) P	Hexachlorocycl...	0.282	0.330	0.327	0.322	0.353	0.354	0.370	0.334	8.60
42) S	2,4,6-Tribromo...	0.213	0.256	0.246	0.239	0.259	0.262	0.275	0.250	8.01
43) C	2,4,6-Trichlor...	0.348	0.414	0.404	0.391	0.427	0.431	0.449	0.409	8.04
44)	2,4,5-Trichlor...	0.377	0.447	0.433	0.409	0.445	0.444	0.463	0.431	6.71
45) S	2-Fluorobiphenyl	1.505	1.600	1.435	1.311	1.393	1.368	1.403	1.431	6.66
46)	1,1'-Biphenyl	1.624	1.711	1.548	1.419	1.516	1.509	1.541	1.553	5.95
47)	2-Chloronaphth...	1.314	1.406	1.277	1.172	1.245	1.235	1.267	1.274	5.70
48)	2-Nitroaniline	0.293	0.366	0.378	0.373	0.408	0.412	0.431	0.380	11.89
49)	Acenaphthylene	1.849	2.034	1.865	1.733	1.855	1.849	1.908	1.871	4.80
50)	Dimethylphthalate	1.575	1.694	1.573	1.440	1.541	1.539	1.581	1.563	4.82
51)	2,6-Dinitrotol...	0.278	0.332	0.323	0.304	0.332	0.332	0.345	0.321	7.03
52) C	Acenaphthene	1.244	1.363	1.225	1.147	1.235	1.229	1.278	1.246	5.22
53)	3-Nitroaniline	0.309	0.362	0.357	0.337	0.367	0.369	0.384	0.355	6.97
54) P	2,4-Dinitrophenol	0.092	0.111	0.131	0.153	0.161	0.179	0.138		23.66
55)	Dibenzofuran	1.950	2.049	1.854	1.690	1.801	1.782	1.832	1.851	6.34
56) P	4-Nitrophenol	0.187	0.246	0.258	0.251	0.277	0.279	0.294	0.256	13.67
57)	2,4-Dinitrotol...	0.345	0.435	0.433	0.416	0.457	0.454	0.475	0.431	9.88
58)	Fluorene	1.552	1.656	1.491	1.350	1.444	1.425	1.460	1.482	6.62
59)	2,3,4,6-Tetrac...	0.328	0.404	0.389	0.370	0.398	0.407	0.422	0.388	7.94
60)	Diethylphthalate	1.510	1.650	1.534	1.413	1.522	1.523	1.564	1.531	4.60
61)	4-Chlorophenyl...	0.856	0.898	0.811	0.733	0.784	0.782	0.806	0.810	6.61
62)	4-Nitroaniline	0.306	0.382	0.373	0.352	0.387	0.388	0.403	0.370	8.72
63)	Azobenzene	1.445	1.569	1.450	1.344	1.422	1.422	1.463	1.445	4.64
64) I	Phenanthrene-d10	-----ISTD-----								
65)	4,6-Dinitro-2-...	0.073	0.086	0.095	0.105	0.110	0.118	0.098		16.77
66) c	n-Nitrosodiphe...	0.616	0.666	0.612	0.570	0.607	0.598	0.617	0.612	4.67
67)	4-Bromophenyl-...	0.230	0.252	0.233	0.218	0.234	0.231	0.240	0.234	4.42
68)	Hexachlorobenzene	0.274	0.292	0.263	0.245	0.262	0.262	0.272	0.267	5.43
69)	Atrazine	0.188	0.221	0.208	0.193	0.199	0.198	0.199	0.201	5.33
70) C	Pentachlorophenol	0.103	0.114	0.124	0.137	0.141	0.148	0.128		13.50
71)	Phenanthrene	1.186	1.235	1.127	1.027	1.092	1.080	1.110	1.122	6.15
72)	Anthracene	1.089	1.192	1.092	0.999	1.070	1.060	1.087	1.084	5.30
73)	Carbazole	1.004	1.100	1.013	0.929	0.993	0.991	1.010	1.006	5.02
74)	Di-n-butylphth...	0.988	1.187	1.176	1.129	1.211	1.210	1.250	1.164	7.40
75) C	Fluoranthene	1.290	1.411	1.304	1.208	1.284	1.271	1.299	1.295	4.66
76) I	Chrysene-d12	-----ISTD-----								
77)	Benzidine	0.510	0.520	0.467	0.478	0.479	0.435	0.413	0.472	8.09
78)	Pyrene	1.355	1.456	1.362	1.279	1.340	1.340	1.368	1.357	3.88
79) S	Terphenyl-d14	1.079	1.129	1.052	0.955	1.014	1.002	1.015	1.035	5.50
80)	Butylbenzylpht...	0.370	0.481	0.502	0.505	0.546	0.554	0.581	0.506	13.66
81)	Benzo(a)anthra...	1.332	1.415	1.324	1.227	1.311	1.300	1.325	1.319	4.20
82)	3,3'-Dichlorob...	0.423	0.485	0.461	0.432	0.463	0.459	0.461	0.455	4.57
83)	Chrysene	1.308	1.393	1.266	1.171	1.245	1.234	1.255	1.267	5.45
84)	Bis(2-ethylhex...	0.594	0.733	0.741	0.729	0.789	0.801	0.832	0.745	10.35
85) c	Di-n-octyl pht...	0.965	1.206	1.218	1.224	1.334	1.346	1.401	1.242	11.54

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

Method File : 8270-BP110320.M

86) I	Perylene-d12													
87)	Indeno(1,2,3-c...	1.437	1.556	1.446	1.298	1.439	1.437	1.487	1.443		5.37			
88)	Benzo(b)fluora...	1.317	1.428	1.289	1.153	1.309	1.323	1.342	1.309		6.26			
89)	Benzo(k)fluora...	1.326	1.396	1.332	1.177	1.251	1.251	1.313	1.292		5.51			
90) C	Benzo(a)pyrene	1.205	1.297	1.218	1.089	1.202	1.216	1.255	1.212		5.27			
91)	Dibenzo(a,h)an...	1.186	1.290	1.216	1.089	1.197	1.200	1.241	1.203		5.09			
92)	Benzo(g,h,i)pe...	1.147	1.249	1.161	1.045	1.165	1.169	1.213	1.164		5.43			

(#) = Out of Range