

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
 Method File : 8270E-BP042921.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Fri Apr 30 11:27:53 2021
 Response Via : Initial Calibration

Calibration Files

5 =BP005405.D 10 =BP005406.D 20 =BP005407.D 40 =BP005408.D 50 =BP005409.D 60 =BP005410.D 80 =BP005411.D

	Compound	5	10	20	40	50	60	80	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----								
2)	1,4-Dioxane	0.796	0.619	0.647	0.639	0.612	0.571	0.559	0.635	12.32
3)	Pyridine	1.168	1.374	1.639	1.507	1.556	1.339	1.398	1.426	10.96
4)	n-Nitrosodimet...	0.602	0.541	0.680	0.628	0.603	0.595	0.577	0.604	7.13
5) S	2-Fluorophenol	1.120	1.082	1.243	1.193	1.153	1.111	1.100	1.143	5.03
6)	Aniline	1.826	1.725	1.941	1.786	1.786	1.706	1.666	1.777	5.10
7) S	Phenol-d6	1.517	1.608	1.710	1.626	1.619	1.563	1.556	1.600	3.90
8)	2-Chlorophenol	1.108	1.181	1.297	1.202	1.229	1.159	1.131	1.187	5.36
9)	Benzaldehyde	0.880	0.930	0.951	0.823	0.828	0.721	0.693	0.832	11.81
10) C	Phenol	1.535	1.594	1.723	1.614	1.609	1.542	1.550	1.595	4.07
11)	bis(2-Chloroet...	1.034	1.074	1.202	1.145	1.123	1.069	1.043	1.099	5.54
12)	1,3-Dichlorobe...	1.441	1.436	1.566	1.446	1.432	1.361	1.328	1.430	5.27
13) C	1,4-Dichlorobe...	1.443	1.506	1.587	1.453	1.423	1.398	1.358	1.453	5.15
14)	1,2-Dichlorobe...	1.386	1.367	1.526	1.416	1.419	1.373	1.328	1.402	4.48
15)	Benzyl Alcohol	1.260	1.467	1.612	1.514	1.496	1.460	1.461	1.467	7.22
16)	2,2'-oxybis(1-...	0.443	0.501	0.513	0.475	0.485	0.472	0.458	0.478	5.02
17)	2-Methylphenol	0.925	1.066	1.133	1.021	1.047	0.989	0.966	1.021	6.74
18)	Hexachloroethane	0.548	0.592	0.631	0.630	0.619	0.591	0.573	0.598	5.21
19) P	n-Nitroso-di-n...	1.186	1.222	1.433	1.268	1.268	1.216	1.244	1.263	6.41
20)	3+4-Methylphenols	1.278	1.424	1.513	1.418	1.441	1.343	1.360	1.397	5.45
21) I	Naphthalene-d8	-----ISTD-----								
22)	Acetophenone	0.557	0.564	0.636	0.608	0.615	0.604	0.629	0.602	5.03
23) S	Nitrobenzene-d5	0.534	0.536	0.593	0.574	0.574	0.561	0.578	0.564	3.94
24)	Nitrobenzene	0.549	0.565	0.610	0.588	0.583	0.567	0.575	0.577	3.40
25)	Isophorone	0.853	0.876	0.985	0.930	0.936	0.912	0.928	0.917	4.69
26) C	2-Nitrophenol	0.158	0.178	0.211	0.202	0.193	0.194	0.201	0.191	9.32
27)	2,4-Dimethylph...	0.263	0.279	0.306	0.294	0.291	0.285	0.289	0.287	4.69
28)	bis(2-Chloroet...	0.374	0.395	0.418	0.404	0.398	0.390	0.397	0.397	3.35
29) C	2,4-Dichloroph...	0.349	0.369	0.415	0.399	0.400	0.395	0.403	0.390	5.87
30)	1,2,4-Trichlor...	0.499	0.488	0.518	0.497	0.489	0.481	0.491	0.495	2.38
31)	Naphthalene	1.005	1.065	1.131	1.073	1.068	1.054	1.077	1.068	3.49
32)	Benzoic acid	0.179	0.172	0.215	0.229	0.221	0.224	0.232	0.210	11.56
33)	4-Chloroaniline	0.406	0.404	0.460	0.439	0.436	0.422	0.431	0.428	4.57
34) C	Hexachlorobuta...	0.435	0.417	0.456	0.436	0.425	0.417	0.425	0.430	3.18
35)	Caprolactam	0.102	0.111	0.120	0.110	0.109	0.107	0.106	0.109	5.13
36) C	4-Chloro-3-met...	0.388	0.396	0.447	0.425	0.435	0.411	0.427	0.418	5.10
37)	2-Methylnaphth...	0.795	0.807	0.875	0.830	0.836	0.826	0.838	0.829	3.07
38)	1-Methylnaphth...	0.722	0.752	0.832	0.793	0.793	0.764	0.803	0.780	4.69

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39) I	Acenaphthene-d10	-----ISTD-----								
40)	1,2,4,5-Tetrac...	0.857	0.859	0.916	0.869	0.855	0.880	0.874	0.873	2.41
41) P	Hexachlorocycl...	0.144	0.243	0.321	0.328	0.368	0.386	0.298		30.26
42) S	2,4,6-Tribromo...	0.379	0.390	0.440	0.414	0.413	0.434	0.434	0.415	5.59
43) C	2,4,6-Trichlor...	0.487	0.509	0.559	0.533	0.531	0.556	0.558	0.533	5.11
44)	2,4,5-Trichlor...	0.481	0.561	0.625	0.569	0.579	0.589	0.586	0.570	7.78
45) S	2-Fluorobiphenyl	1.569	1.567	1.711	1.669	1.665	1.771	1.775	1.675	5.07
46)	1,1'-Biphenyl	1.454	1.419	1.562	1.509	1.494	1.541	1.524	1.501	3.32
47)	2-Chloronaphth...	1.143	1.165	1.281	1.236	1.224	1.279	1.262	1.227	4.44
48)	2-Nitroaniline	0.295	0.367	0.445	0.418	0.429	0.436	0.435	0.404	13.49
49)	Acenaphthylene	1.712	1.733	1.913	1.803	1.816	1.873	1.859	1.816	4.05
50)	Dimethylphthalate	1.585	1.569	1.749	1.591	1.618	1.635	1.606	1.622	3.72
51)	2,6-Dinitrotol...	0.344	0.340	0.391	0.355	0.357	0.366	0.363	0.359	4.67
52) C	Acenaphthene	1.088	1.083	1.206	1.116	1.132	1.159	1.134	1.131	3.75
53)	3-Nitroaniline	0.263	0.275	0.304	0.293	0.291	0.299	0.294	0.288	4.97
54) P	2,4-Dinitrophenol	0.178	0.240	0.240	0.236	0.243	0.247	0.231		11.29
55)	Dibenzofuran	1.913	1.929	2.141	2.010	2.024	2.099	2.116	2.033	4.44
56) P	4-Nitrophenol	0.182	0.237	0.221	0.224	0.230	0.228	0.220		8.92
57)	2,4-Dinitrotol...	0.451	0.489	0.564	0.521	0.528	0.547	0.534	0.519	7.28
58)	Fluorene	1.505	1.594	1.739	1.694	1.696	1.766	1.792	1.684	6.03
59)	2,3,4,6-Tetrac...	0.553	0.547	0.594	0.554	0.560	0.572	0.569	0.564	2.80
60)	Diethylphthalate	1.507	1.540	1.710	1.586	1.592	1.619	1.597	1.593	4.04
61)	4-Chlorophenyl...	0.986	1.008	1.104	1.052	1.056	1.093	1.089	1.056	4.24
62)	4-Nitroaniline	0.194	0.253	0.289	0.280	0.280	0.292	0.283	0.267	12.96
63)	Azobenzene	1.781	1.865	2.133	1.959	1.940	1.982	1.949	1.944	5.57
64) I	Phenanthrene-d10	-----ISTD-----								
65)	4,6-Dinitro-2-...	0.127	0.138	0.155	0.152	0.162	0.162	0.161	0.151	8.96
66) c	n-Nitrosodiphe...	0.540	0.549	0.599	0.574	0.594	0.597	0.597	0.579	4.28
67)	4-Bromophenyl-...	0.253	0.272	0.294	0.285	0.284	0.288	0.286	0.280	4.82
68)	Hexachlorobenzene	0.313	0.317	0.330	0.326	0.319	0.326	0.326	0.322	1.85
69)	Atrazine	0.247	0.259	0.276	0.261	0.268	0.260	0.261	0.262	3.35
70) C	Pentachlorophenol	0.141	0.157	0.179	0.180	0.184	0.188	0.189	0.174	10.37
71)	Phenanthrene	1.023	1.015	1.137	1.091	1.106	1.118	1.115	1.086	4.44
72)	Anthracene	1.018	1.027	1.143	1.095	1.102	1.134	1.119	1.091	4.55
73)	Carbazole	0.906	0.915	1.014	0.974	0.984	0.997	0.987	0.968	4.26
74)	Di-n-butylphth...	0.926	0.960	1.103	1.092	1.100	1.121	1.119	1.060	7.68
75) C	Fluoranthene	1.399	1.447	1.566	1.504	1.508	1.530	1.527	1.497	3.77
76) I	Chrysene-d12	-----ISTD-----								
77)	Benzidine	0.309	0.278	0.353	0.372	0.333	0.401	0.348	0.342	11.81
78)	Pyrene	1.070	1.113	1.212	1.131	1.161	1.155	1.155	1.142	3.88
79) S	Terphenyl-d14	0.982	1.027	1.145	1.112	1.150	1.176	1.200	1.113	7.19
80)	Butylbenzylpht...	0.316	0.340	0.375	0.384	0.385	0.379	0.386	0.366	7.48
81)	Benzo(a)anthra...	1.266	1.262	1.388	1.279	1.300	1.285	1.301	1.297	3.29
82)	3,3'-Dichlorob...	0.409	0.426	0.470	0.447	0.458	0.456	0.455	0.446	4.72
83)	Chrysene	1.200	1.257	1.332	1.262	1.281	1.251	1.267	1.264	3.10
84)	Bis(2-ethylhex...	0.489	0.522	0.570	0.608	0.594	0.596	0.606	0.569	8.15
85) c	Di-n-octyl pht...	0.868	0.910	0.989	1.025	1.003	0.984	0.989	0.967	5.83

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86) I	Perylene-d12										
87)	Indeno(1,2,3-c...	1.512	1.517	1.671	1.653	1.603	1.657	1.653	1.609	4.23	
88)	Benzo(b)fluora...	1.210	1.309	1.404	1.301	1.358	1.380	1.359	1.332	4.86	
89)	Benzo(k)fluora...	1.223	1.157	1.328	1.291	1.263	1.304	1.341	1.272	5.06	
90) C	Benzo(a)pyrene	1.157	1.157	1.281	1.208	1.213	1.248	1.235	1.214	3.78	
91)	Dibenzo(a,h)an...	1.306	1.303	1.444	1.436	1.404	1.457	1.457	1.401	4.87	
92)	Benzo(g,h,i)pe...	1.266	1.252	1.371	1.336	1.282	1.310	1.287	1.301	3.21	

(#) = Out of Range