

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
 Method File : 8270E-BP042021.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Tue Apr 20 13:58:01 2021
 Response Via : Initial Calibration

Calibration Files

5 =BP005346.D 10 =BP005347.D 20 =BP005348.D 40 =BP005349.D 50 =BP005350.D 60 =BP005351.D 80 =BP005352.D

Compound		5	10	20	40	50	60	80	Avg	%RSD

1) I	1,4-Dichlorobenzen...	-----ISTD-----								
2)	1,4-Dioxane	0.790	1.007	0.921	0.763	0.673	0.651	0.652	0.780	17.88
3)	Pyridine	1.541	1.965	2.014	1.725	1.463	1.409	1.393	1.644	15.87
4)	n-Nitrosodimet...	0.464	0.748	0.608	0.583	0.505	0.483	0.496	0.555	18.02
5) S	2-Fluorophenol	1.029	1.209	1.339	1.299	1.281	1.281	1.361	1.257	8.87
6)	Aniline	0.931	0.994	1.264	1.326	1.364	1.369	1.467	1.245	16.31
7) S	Phenol-d6	0.983	1.267	1.563	1.572	1.545	1.571	1.659	1.451	16.55
8)	2-Chlorophenol	0.883	1.078	1.263	1.299	1.274	1.302	1.377	1.211	14.13
9)	Benzaldehyde	0.588	0.790	0.829	0.691	0.577	0.534		0.668	18.21
10) C	Phenol	1.022	1.314	1.540	1.562	1.512	1.525	1.600	1.439	14.27
11)	bis(2-Chloroet...	0.761	0.957	1.137	1.092	1.075	1.076	1.140	1.034	13.02
12)	1,3-Dichlorobe...	1.489	1.597	1.667	1.618	1.603	1.581	1.661	1.602	3.71
13) C	1,4-Dichlorobe...	1.422	1.519	1.625	1.573	1.528	1.533	1.615	1.545	4.44
14)	1,2-Dichlorobe...	1.365	1.359	1.518	1.487	1.444	1.461	1.510	1.449	4.48
15)	Benzyl Alcohol	0.448	0.540	0.609	0.645	0.653	0.678	0.743	0.617	15.70
16)	2,2'-oxybis(1-...	0.455	0.538	0.594	0.636	0.667	0.672	0.722	0.612	14.89
17)	2-Methylphenol	0.545	0.610	0.707	0.714	0.753	0.774	0.835	0.705	14.03
18)	Hexachloroethane	0.635	0.548	0.592	0.528	0.503	0.503	0.505	0.545	9.41
19) P	n-Nitroso-di-n...	0.398	0.476	0.602	0.630	0.655	0.655	0.698	0.588	18.63
20)	3+4-Methylphenols	0.588	0.681	0.805	0.869	0.884	0.917	1.008	0.822	17.54
21) I	Naphthalene-d8	-----ISTD-----								
22)	Acetophenone	0.705	0.991	1.104	1.098	1.009	0.996	1.036	0.991	13.55
23) S	Nitrobenzene-d5	0.635	0.815	0.830	0.789	0.728	0.710	0.734	0.749	9.07
24)	Nitrobenzene	0.620	0.774	0.790	0.755	0.712	0.685	0.703	0.720	8.14
25)	Isophorone	0.486	0.601	0.715	0.774	0.766	0.796	0.865	0.715	18.13
26) C	2-Nitrophenol	0.188	0.196	0.218	0.209	0.204	0.209	0.222	0.207	5.72
27)	2,4-Dimethylph...	0.214	0.271	0.303	0.313	0.300	0.301	0.328	0.290	12.93
28)	bis(2-Chloroet...	0.264	0.305	0.361	0.405	0.393	0.409	0.451	0.370	17.58
29) C	2,4-Dichloroph...	0.303	0.314	0.361	0.369	0.368	0.382	0.426	0.360	11.50
30)	1,2,4-Trichlor...	0.427	0.488	0.527	0.523	0.501	0.502	0.552	0.503	7.88
31)	Naphthalene	0.936	1.120	1.182	1.245	1.208	1.232	1.308	1.176	10.24
32)	Benzoic acid	0.131	0.171	0.207	0.219	0.195	0.211	0.222	0.194	16.76
33)	4-Chloroaniline	0.264	0.306	0.363	0.409	0.404	0.406	0.451	0.372	17.67
34) C	Hexachlorobuta...	0.455	0.498	0.503	0.482	0.446	0.434	0.446	0.466	5.89
35)	Caprolactam	0.063	0.062	0.079	0.083	0.081	0.085	0.094	0.078	14.88
36) C	4-Chloro-3-met...	0.205	0.255	0.297	0.328	0.334	0.362		0.297	19.54
37)	2-Methylnaphth...	0.545	0.603	0.686	0.768	0.773	0.790	0.865	0.719	15.72
38)	1-Methylnaphth...	0.515	0.594	0.675	0.746	0.738	0.760	0.818	0.692	15.25

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39) I	Acenaphthene-d10	-----ISTD-----								
40)	1,2,4,5-Tetrac...	0.739	0.773	0.749	0.804	0.765	0.775	0.897	0.786	6.77
41) P	Hexachlorocycl...	0.099	0.169	0.236	0.292	0.293	0.314		0.234	36.21
42) S	2,4,6-Tribromo...	0.354	0.434	0.493	0.503	0.470	0.469	0.537	0.466	12.63
43) C	2,4,6-Trichlor...	0.417	0.373	0.377	0.407	0.397	0.416	0.491	0.411	9.62
44)	2,4,5-Trichlor...	0.436	0.407	0.437	0.465	0.441	0.463	0.538	0.455	9.11
45) S	2-Fluorobiphenyl	1.325	1.318	1.480	1.590	1.508	1.550	1.813	1.512	11.20
46)	1,1'-Biphenyl	1.292	1.202	1.312	1.439	1.372	1.393	1.613	1.375	9.49
47)	2-Chloronaphth...	1.089	1.060	1.124	1.180	1.146	1.171	1.337	1.158	7.76
48)	2-Nitroaniline	0.194	0.202	0.236	0.293	0.298	0.321		0.257	20.97
49)	Acenaphthylene	1.541	1.420	1.715	1.842	1.743	1.773	2.053	1.727	11.84
50)	Dimethylphthalate	1.126	1.160	1.214	1.354	1.320	1.367	1.600	1.306	12.30
51)	2,6-Dinitrotol...	0.301	0.305	0.328	0.348	0.331	0.343	0.391	0.335	9.04
52) C	Acenaphthene	0.985	0.996	1.131	1.188	1.166	1.139	1.307	1.130	9.90
53)	3-Nitroaniline	0.220	0.202	0.232	0.278	0.269	0.280	0.328	0.259	16.65
54) P	2,4-Dinitrophenol	0.124	0.133	0.198	0.211	0.206	0.214	0.239	0.189	23.07
55)	Dibenzofuran	1.725	1.947	2.299	2.340	2.155	2.144	2.442	2.150	11.47
56) P	4-Nitrophenol	0.123	0.158	0.192	0.221	0.216	0.225		0.189	21.70
57)	2,4-Dinitrotol...	0.384	0.434	0.507	0.538	0.527	0.542	0.615	0.507	14.96
58)	Fluorene	1.305	1.522	1.814	1.965	1.846	1.842	2.109	1.772	15.34
59)	2,3,4,6-Tetrac...	0.467	0.486	0.566	0.582	0.539	0.538	0.618	0.542	9.76
60)	Diethylphthalate	1.036	1.054	1.289	1.480	1.407	1.444	1.684	1.342	17.47
61)	4-Chlorophenyl...	0.788	0.891	1.140	1.175	1.093	1.089	1.252	1.061	15.44
62)	4-Nitroaniline	0.219	0.197	0.253	0.293	0.297	0.300	0.353	0.273	19.58
63)	Azobenzene	1.094	1.339	1.998	2.148	1.968	1.949	2.177	1.810	23.26
64) I	Phenanthrene-d10	-----ISTD-----								
65)	4,6-Dinitro-2-...	0.121	0.128	0.138	0.142	0.131	0.139	0.151	0.136	7.47
66) c	n-Nitrosodiphe...	0.472	0.524	0.527	0.548	0.526	0.550	0.604	0.536	7.37
67)	4-Bromophenyl-...	0.213	0.269	0.273	0.286	0.276	0.284	0.311	0.273	10.97
68)	Hexachlorobenzene	0.340	0.379	0.367	0.365	0.341	0.351	0.375	0.360	4.43
69)	Atrazine	0.189	0.208	0.210	0.220	0.205	0.211	0.234	0.211	6.56
70) C	Pentachlorophenol	0.140	0.175	0.173	0.182	0.174	0.188	0.206	0.177	11.34
71)	Phenanthrene	1.052	1.161	1.268	1.223	1.168	1.189	1.272	1.190	6.36
72)	Anthracene	0.875	1.048	1.195	1.188	1.128	1.172	1.261	1.124	11.37
73)	Carbazole	0.810	0.945	1.044	1.070	1.014	1.060	1.140	1.012	10.52
74)	Di-n-butylphth...	0.721	0.745	0.812	0.904	0.881	0.939	1.051	0.865	13.33
75) C	Fluoranthene	1.201	1.410	1.561	1.614	1.545	1.626	1.757	1.530	11.68
76) I	Chrysene-d12	-----ISTD-----								
77)	Benzidine	0.319	0.268	0.233	0.265	0.211	0.234	0.240	0.253	13.96
78)	Pyrene	0.767	0.830	1.034	1.081	1.080	1.098	1.200	1.013	15.36
79) S	Terphenyl-d14	0.779	0.917	1.062	1.074	1.078	1.123	1.201	1.033	13.61
80)	Butylbenzylpht...	0.220	0.195	0.219	0.221	0.223	0.231	0.259	0.224	8.50
81)	Benzo(a)anthra...	1.029	1.122	1.272	1.256	1.236	1.259	1.343	1.217	8.68
82)	3,3'-Dichlorob...	0.338	0.317	0.305	0.313	0.305	0.319	0.354	0.321	5.60
83)	Chrysene	1.080	1.169	1.280	1.248	1.196	1.237	1.327	1.220	6.59
84)	Bis(2-ethylhex...	0.331	0.292	0.313	0.338	0.351	0.372	0.418	0.345	11.93
85) c	Di-n-octyl pht...	0.613	0.588	0.613	0.634	0.633	0.674	0.741	0.642	7.94

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86) I	Perylene-d12										
87)	Indeno(1,2,3-c...	1.522	1.632	1.687	1.645	1.565	1.602	1.750	1.629		4.65
88)	Benzo(b)fluora...	1.175	1.199	1.420	1.418	1.349	1.431	1.553	1.364		9.91
89)	Benzo(k)fluora...	1.054	1.132	1.342	1.399	1.334	1.341	1.480	1.297		11.58
90) C	Benzo(a)pyrene	1.005	1.136	1.274	1.281	1.222	1.263	1.368	1.221		9.67
91)	Dibenzo(a,h)an...	1.282	1.420	1.480	1.440	1.372	1.408	1.546	1.421		5.84
92)	Benzo(g,h,i)pe...	1.298	1.371	1.376	1.330	1.257	1.287	1.386	1.329		3.78

(#) = Out of Range