

Method Path : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\
 Method File : 8270-BF092121.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Tue Sep 21 19:21:36 2021
 Response Via : Initial Calibration

Calibration Files

5 =BF125528.D 10 =BF125529.D 20 =BF125530.D 40 =BF125531.D 50 =BF125532.D 60 =BF125533.D 80 =BF125534.D

	Compound	5	10	20	40	50	60	80	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----								
2)	1,4-Dioxane	0.560	0.596	0.535	0.478	0.482	0.476	0.442	0.510	10.83
3)	Pyridine	1.498	1.607	1.423	1.291	1.288	1.276	1.182	1.366	10.87
4)	n-Nitrosodimet...	0.587	0.629	0.558	0.505	0.509	0.509	0.476	0.539	10.07
5) S	2-Fluorophenol	1.485	1.579	1.366	1.166	1.143	1.119	0.994	1.265	16.99
6)	Aniline	2.076	2.196	1.976	1.763	1.770	1.750	1.610	1.877	11.15
7) S	Phenol-d6	1.901	2.029	1.762	1.500	1.481	1.446	1.296	1.631	16.51
8)	2-Chlorophenol	1.641	1.761	1.538	1.356	1.342	1.311	1.162	1.444	14.52
9)	Benzaldehyde		1.249	1.025	0.803	0.760	0.722		0.912	24.36
10) C	Phenol	1.906	2.043	1.781	1.532	1.542	1.488	1.326	1.660	15.42
11)	bis(2-Chloroet...	1.511	1.598	1.434	1.226	1.236	1.207	1.076	1.327	14.27
12)	1,3-Dichlorobe...	1.758	1.907	1.647	1.456	1.426	1.406	1.266	1.552	14.54
13) C	1,4-Dichlorobe...	1.795	1.912	1.683	1.463	1.450	1.407	1.272	1.569	14.74
14)	1,2-Dichlorobe...	1.728	1.816	1.605	1.361	1.331	1.292	1.125	1.465	17.31
15)	Benzyl Alcohol	1.308	1.407	1.253	1.091	1.083	1.072	0.955	1.167	13.64
16)	2,2'-oxybis(1-...	2.075	2.187	1.944	1.699	1.693	1.676	1.507	1.826	13.50
17)	2-Methylphenol	1.278	1.383	1.218	1.075	1.076	1.067	0.973	1.153	12.49
18)	Hexachloroethane	0.625	0.659	0.590	0.524	0.526	0.516	0.471	0.559	12.03
19) P	n-Nitroso-di-n...	1.138	1.219	1.037	0.884	0.884	0.884	0.787	0.976	16.21
20)	3+4-Methylphenols	1.686	1.830	1.587	1.327	1.286	1.238	1.079	1.433	18.94
21) I	Naphthalene-d8	-----ISTD-----								
22)	Acetophenone	0.526	0.573	0.485	0.427	0.423	0.417	0.388	0.463	14.57
23) S	Nitrobenzene-d5	0.288	0.352	0.324	0.304	0.309	0.317	0.301	0.314	6.61
24)	Nitrobenzene	0.320	0.374	0.348	0.321	0.327	0.327	0.309	0.332	6.53
25)	Isophorone	0.741	0.795	0.687	0.623	0.623	0.642	0.613	0.675	10.35
26) C	2-Nitrophenol	0.107	0.148	0.150	0.152	0.160	0.167	0.164	0.150	13.46
27)	2,4-Dimethylph...	0.336	0.352	0.309	0.277	0.278	0.280	0.267	0.300	11.01
28)	bis(2-Chloroet...	0.425	0.458	0.402	0.361	0.359	0.366	0.343	0.388	10.85
29) C	2,4-Dichloroph...	0.316	0.355	0.312	0.286	0.286	0.292	0.276	0.303	8.93
30)	1,2,4-Trichlor...	0.354	0.377	0.332	0.299	0.296	0.301	0.278	0.319	11.16
31)	Naphthalene	1.197	1.310	1.096	0.949	0.922	0.901	0.815	1.027	17.39
32)	Benzoic acid		0.152	0.160	0.175	0.193	0.207	0.204	0.182	12.76
33)	4-Chloroaniline	0.469	0.509	0.437	0.393	0.388	0.382	0.370	0.421	12.40
34) C	Hexachlorobuta...	0.197	0.216	0.186	0.168	0.166	0.170	0.157	0.180	11.47
35)	Caprolactam	0.087	0.100	0.084	0.078	0.079	0.080	0.076	0.083	9.73
36) C	4-Chloro-3-met...	0.325	0.355	0.305	0.278	0.276	0.281	0.264	0.298	10.91
37)	2-Methylnaphth...	0.815	0.870	0.742	0.638	0.623	0.618	0.565	0.696	16.47
38)	1-Methylnaphth...	0.761	0.816	0.690	0.601	0.584	0.583	0.533	0.653	16.10

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39) I	Acenaphthene-d10	-----ISTD-----								
40)	1,2,4,5-Tetrac...	0.590	0.658	0.570	0.506	0.499	0.490	0.457	0.539	13.04
41) P	Hexachlorocycl...	0.297	0.350	0.311	0.292	0.288	0.291	0.277	0.301	7.93
42) S	2,4,6-Tribromo...	0.202	0.236	0.205	0.186	0.184	0.186	0.172	0.196	10.71
43) C	2,4,6-Trichlor...	0.416	0.471	0.421	0.385	0.391	0.392	0.363	0.406	8.53
44)	2,4,5-Trichlor...	0.446	0.486	0.439	0.418	0.403	0.402	0.387	0.426	7.95
45) S	2-Fluorobiphenyl	1.583	1.713	1.384	1.139	1.073	1.046		1.323	21.30
46)	1,1'-Biphenyl	1.731	1.916	1.609	1.414	1.363	1.325	1.191	1.507	16.93
47)	2-Chloronaphth...	1.411	1.534	1.306	1.182	1.157	1.132	1.040	1.252	13.87
48)	2-Nitroaniline	0.196	0.274	0.270	0.273	0.284	0.294	0.279	0.267	12.17
49)	Acenaphthylene	2.102	2.320	1.969	1.734	1.659	1.639	1.453	1.839	16.46
50)	Dimethylphthalate	1.558	1.695	1.441	1.276	1.255	1.255	1.155	1.376	14.15
51)	2,6-Dinitrotol...	0.221	0.290	0.285	0.279	0.282	0.288	0.272	0.274	8.82
52) C	Acenaphthene	1.319	1.424	1.217	1.089	1.066	1.047	0.967	1.161	14.17
53)	3-Nitroaniline	0.243	0.310	0.303	0.292	0.301	0.301	0.286	0.291	7.71
54) P	2,4-Dinitrophenol		0.073	0.081	0.096	0.107	0.116	0.119	0.099	19.13
55)	Dibenzofuran	2.027	2.176	1.847	1.596	1.553	1.505	1.358	1.723	17.38
56) P	4-Nitrophenol	0.194	0.255	0.242	0.239	0.243	0.247	0.232	0.236	8.44
57)	2,4-Dinitrotol...	0.224	0.333	0.340	0.344	0.350	0.364	0.343	0.328	14.31
58)	Fluorene	1.560	1.673	1.355	1.161	1.120	1.082		1.325	18.66
59)	2,3,4,6-Tetrac...	0.339	0.371	0.332	0.307	0.302	0.306	0.281	0.320	9.34
60)	Diethylphthalate	1.535	1.672	1.421	1.279	1.247	1.237	1.105	1.357	14.45
61)	4-Chlorophenyl...	0.721	0.748	0.626	0.533	0.520	0.513	0.464	0.589	18.77
62)	4-Nitroaniline	0.222	0.295	0.265	0.261	0.267	0.274	0.258	0.263	8.28
63)	Azobenzene	1.517	1.627	1.386	1.242	1.206	1.177	1.071	1.318	15.15
64) I	Phenanthrene-d10	-----ISTD-----								
65)	4,6-Dinitro-2-...		0.071	0.085	0.098	0.106	0.111	0.112	0.097	16.85
66) c	n-Nitrosodiphe...	0.813	0.857	0.765	0.683	0.670	0.660	0.634	0.726	11.80
67)	4-Bromophenyl-...	0.254	0.268	0.239	0.212	0.211	0.213	0.203	0.229	11.01
68)	Hexachlorobenzene	0.281	0.304	0.269	0.243	0.240	0.237	0.228	0.258	10.77
69)	Atrazine	0.232	0.236	0.206	0.190	0.176	0.173	0.154	0.195	15.84
70) C	Pentachlorophenol	0.139	0.164	0.152	0.146	0.143	0.146	0.138	0.147	6.20
71)	Phenanthrene	1.342	1.411	1.206	1.035	1.005	0.976	0.890	1.123	17.64
72)	Anthracene	1.326	1.395	1.209	1.042	1.000	0.979	0.888	1.120	17.09
73)	Carbazole	1.237	1.314	1.134	0.984	0.970	0.931	0.843	1.059	16.31
74)	Di-n-butylphth...	1.522	1.594	1.383	1.171	1.108	1.070	0.952	1.257	19.41
75) C	Fluoranthene	1.338	1.404	1.192	1.023	0.976	0.935	0.848	1.102	19.23
76) I	Chrysene-d12	-----ISTD-----								
77)	Benzidine		0.750	0.552	0.584	0.508	0.421	0.588	0.567	19.19
78)	Pyrene	1.931	2.190	1.978	1.826	1.786	1.791	1.618	1.874	9.66
79) S	Terphenyl-d14	1.421	1.540	1.341	1.164	1.123	1.104	0.976	1.239	16.15
80)	Butylbenzylpht...	0.732	0.822	0.782	0.741	0.752	0.766	0.707	0.757	4.92
81)	Benzo(a)anthra...	1.539	1.631	1.420	1.271	1.251	1.255	1.165	1.361	12.65
82)	3,3'-Dichlorob...	0.431	0.474	0.436	0.398	0.398	0.396	0.385	0.417	7.59
83)	Chrysene	1.490	1.627	1.424	1.298	1.278	1.295	1.215	1.375	10.55
84)	Bis(2-ethylhex...	0.946	1.014	0.956	0.899	0.890	0.917	0.860	0.926	5.49
85) c	Di-n-octyl pht...	1.420	1.586	1.564	1.517	1.540	1.600	1.549	1.539	3.87

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(#) = Out of Range