

Method Path : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\
 Method File : 8270-BF102521.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Mon Oct 25 18:49:16 2021
 Response Via : Initial Calibration

Calibration Files

5 =BF125914.D 10 =BF125915.D 20 =BF125916.D 40 =BF125917.D 50 =BF125918.D 60 =BF125919.D 80 =BF125920.D

	Compound	5	10	20	40	50	60	80	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----								
2)	1,4-Dioxane	0.819	0.736	0.664	0.626	0.597	0.598	0.553	0.656	14.09
3)	Pyridine	2.004	1.843	1.757	1.755	1.633	1.632	1.537	1.737	8.94
4)	n-Nitrosodimet...	1.307	1.186	1.106	1.109	1.044	1.056	0.991	1.114	9.40
5) S	2-Fluorophenol	1.735	1.573	1.404	1.286	1.186	1.169	1.047	1.343	18.14
6)	Aniline	2.616	2.394	2.216	2.165	1.995	1.989	1.810	2.169	12.54
7) S	Phenol-d6	2.381	2.071	1.846	1.692	1.558	1.501		1.842	18.21
8)	2-Chlorophenol	1.749	1.596	1.430	1.321	1.195	1.163	1.034	1.355	18.70
9)	Benzaldehyde		1.385	1.203	1.040	0.961	0.921		1.102	17.39
10) C	Phenol	2.296	2.111	1.871	1.733	1.562	1.507	1.350	1.776	19.15
11)	bis(2-Chloroet...	1.827	1.652	1.507	1.396	1.260	1.249	1.119	1.430	17.43
12)	1,3-Dichlorobe...	1.931	1.754	1.581	1.462	1.312	1.285	1.155	1.497	18.46
13) C	1,4-Dichlorobe...	1.932	1.746	1.565	1.447	1.328	1.305	1.161	1.498	18.00
14)	1,2-Dichlorobe...	1.834	1.679	1.473	1.343	1.213	1.168		1.452	18.15
15)	Benzyl Alcohol	1.670	1.555	1.439	1.396	1.289	1.262	1.149	1.394	12.86
16)	2,2'-oxybis(1-...	4.372	3.893	3.606	3.431	3.190	3.146	2.876	3.502	14.48
17)	2-Methylphenol	1.443	1.293	1.218	1.149	1.056	1.064	0.972	1.171	13.77
18)	Hexachloroethane	0.697	0.650	0.580	0.551	0.517	0.507	0.473	0.568	14.23
19) P	n-Nitroso-di-n...	1.369	1.165	1.101	1.012	0.923	0.929	0.867	1.052	16.61
20)	3+4-Methylphenols	1.874	1.740	1.528	1.405	1.250	1.182		1.496	18.20
21) I	Naphthalene-d8	-----ISTD-----								
22)	Acetophenone	0.673	0.593	0.543	0.494	0.457	0.449	0.406	0.516	17.99
23) S	Nitrobenzene-d5	0.404	0.396	0.398	0.393	0.378	0.384	0.357	0.387	4.07
24)	Nitrobenzene	0.426	0.429	0.412	0.407	0.386	0.383	0.355	0.400	6.60
25)	Isophorone	0.865	0.788	0.752	0.720	0.681	0.697	0.658	0.737	9.66
26) C	2-Nitrophenol	0.102	0.107	0.127	0.143	0.142	0.147	0.139	0.130	14.10
27)	2,4-Dimethylph...	0.346	0.326	0.289	0.281	0.261	0.263	0.249	0.288	12.49
28)	bis(2-Chloroet...	0.584	0.524	0.477	0.439	0.416	0.416	0.382	0.463	15.35
29) C	2,4-Dichloroph...	0.332	0.306	0.288	0.278	0.261	0.264	0.245	0.282	10.51
30)	1,2,4-Trichlor...	0.409	0.372	0.345	0.322	0.300	0.297	0.271	0.331	14.52
31)	Naphthalene	1.323	1.170	1.058	0.976	0.901	0.890	0.800	1.017	17.82
32)	Benzoic acid	0.120	0.138	0.158	0.201	0.208	0.220		0.174	23.61
33)	4-Chloroaniline	0.513	0.481	0.439	0.404	0.384	0.379	0.334	0.419	14.90
34) C	Hexachlorobuta...	0.256	0.231	0.213	0.201	0.189	0.190	0.176	0.208	13.33
35)	Caprolactam	0.101	0.097	0.095	0.094	0.089	0.088	0.083	0.092	6.49
36) C	4-Chloro-3-met...	0.391	0.351	0.338	0.322	0.314	0.308	0.288	0.330	10.21
37)	2-Methylnaphth...	0.855	0.753	0.684	0.621	0.579	0.568	0.521	0.655	17.96
38)	1-Methylnaphth...	0.808	0.732	0.659	0.607	0.569	0.551	0.498	0.632	17.21

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39) I	Acenaphthene-d10	-----ISTD-----								
40)	1,2,4,5-Tetrac...	0.701	0.627	0.561	0.533	0.496	0.493	0.446	0.551	15.91
41) P	Hexachlorocycl...	0.309	0.305	0.302	0.305	0.290	0.294	0.277	0.298	3.79
42) S	2,4,6-Tribromo...	0.190	0.180	0.178	0.176	0.167	0.169	0.160	0.174	5.74
43) C	2,4,6-Trichlor...	0.432	0.401	0.386	0.374	0.352	0.357	0.330	0.376	9.05
44)	2,4,5-Trichlor...	0.457	0.423	0.396	0.396	0.379	0.383	0.343	0.397	9.03
45) S	2-Fluorobiphenyl	1.434	1.247	1.118	1.038	1.026	0.923	1.131		16.23
46)	1,1'-Biphenyl	1.897	1.683	1.523	1.410	1.301	1.289	1.152	1.465	17.53
47)	2-Chloronaphth...	1.402	1.269	1.143	1.072	0.993	0.980	0.872	1.104	16.55
48)	2-Nitroaniline	0.310	0.358	0.401	0.426	0.423	0.435	0.409	0.394	11.48
49)	Acenaphthylene	2.097	1.934	1.733	1.616	1.502	1.476	1.320	1.668	16.36
50)	Dimethylphthalate	1.523	1.388	1.288	1.214	1.137	1.110	1.014	1.239	14.11
51)	2,6-Dinitrotol...	0.230	0.234	0.251	0.258	0.252	0.252	0.233	0.244	4.64
52) C	Acenaphthene	1.373	1.221	1.108	1.037	0.976	0.977	0.896	1.084	15.23
53)	3-Nitroaniline	0.279	0.281	0.282	0.291	0.282	0.281	0.265	0.280	2.82
54) P	2,4-Dinitrophenol	0.053	0.068	0.089	0.094	0.099	0.104	0.085		23.44
55)	Dibenzofuran	2.090	1.880	1.693	1.547	1.427	1.417	1.282	1.619	17.69
56) P	4-Nitrophenol	0.197	0.218	0.222	0.234	0.222	0.224	0.208	0.218	5.50
57)	2,4-Dinitrotol...	0.243	0.272	0.309	0.331	0.319	0.324	0.303	0.300	10.50
58)	Fluorene	1.620	1.389	1.180	1.072	1.004	0.979	1.207		20.82
59)	2,3,4,6-Tetrac...	0.379	0.340	0.337	0.320	0.306	0.308	0.278	0.324	9.88
60)	Diethylphthalate	1.538	1.412	1.302	1.245	1.163	1.138	1.047	1.264	13.40
61)	4-Chlorophenyl...	0.787	0.675	0.597	0.531	0.493	0.492	0.596		19.62
62)	4-Nitroaniline	0.267	0.252	0.249	0.266	0.258	0.262	0.244	0.257	3.34
63)	Azobenzene	1.780	1.625	1.517	1.423	1.345	1.322	1.189	1.458	13.71
64) I	Phenanthrene-d10	-----ISTD-----								
65)	4,6-Dinitro-2-...	0.050	0.066	0.085	0.085	0.093	0.093	0.079		21.86
66) c	n-Nitrosodiphe...	0.761	0.680	0.613	0.579	0.531	0.531	0.499	0.599	15.64
67)	4-Bromophenyl-...	0.264	0.232	0.221	0.207	0.191	0.197	0.184	0.214	12.99
68)	Hexachlorobenzene	0.283	0.249	0.230	0.216	0.200	0.203	0.196	0.225	14.03
69)	Atrazine	0.226	0.206	0.195	0.192	0.173	0.174	0.162	0.190	11.52
70) C	Pentachlorophenol	0.123	0.126	0.133	0.133	0.127	0.128	0.120	0.127	3.63
71)	Phenanthrene	1.350	1.193	1.089	1.004	0.905	0.903	0.820	1.038	17.95
72)	Anthracene	1.333	1.187	1.083	0.999	0.914	0.915	0.823	1.036	17.15
73)	Carbazole	1.280	1.142	1.031	0.958	0.861	0.850	0.772	0.985	18.25
74)	Di-n-butylphth...	1.274	1.193	1.118	1.057	0.944	0.925	0.833	1.049	15.04
75) C	Fluoranthene	1.385	1.225	1.105	1.016	0.923	0.881	0.788	1.046	19.93
76) I	Chrysene-d12	-----ISTD-----								
77)	Benzidine	0.826	0.673	0.634	0.590	0.555	0.518	0.570	0.624	16.48
78)	Pyrene	1.906	1.891	1.900	1.836	1.817	1.869	1.810	1.861	2.17
79) S	Terphenyl-d14	1.346	1.285	1.245	1.174	1.171	1.194	1.144	1.223	5.92
80)	Butylbenzylpht...	0.544	0.563	0.614	0.631	0.636	0.637	0.612	0.605	6.15
81)	Benzo(a)anthra...	1.580	1.471	1.391	1.303	1.263	1.241	1.173	1.346	10.60
82)	3,3'-Dichlorob...	0.474	0.443	0.430	0.411	0.410	0.409	0.412	0.427	5.70
83)	Chrysene	1.598	1.463	1.392	1.288	1.285	1.270	1.237	1.362	9.59
84)	Bis(2-ethylhex...	0.709	0.657	0.667	0.651	0.636	0.644	0.627	0.656	4.12
85) c	Di-n-octyl pht...	0.996	0.900	0.949	1.009	1.039	1.069	1.151	1.016	8.04

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(#) = Out of Range