

Method Path : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\
 Method File : 8270-BF073019.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Mon Dec 03 04:47:00 2018
 Response Via : Initial Calibration

Calibration Files

10 =BF115838.D 20 =BF115839.D 40 =BF115840.D 50 =BF115841.D 60 =BF115842.D 80 =BF115843.D 100 =BF115844.D

	Compound	10	20	40	50	60	80	100	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----								
2)	1,4-Dioxane	0.619	0.618	0.591	0.593	0.609	0.592	0.603	0.604	2.01
3)	Pyridine	1.627	1.696	1.666	1.672	1.729	1.681	1.732	1.686	2.18
4)	n-Nitrosodimet...	0.657	0.660	0.658	0.660	0.679	0.667	0.676	0.665	1.38
5) S	2-Fluorophenol	1.343	1.300	1.211	1.162	1.175	1.097	1.075	1.195	8.29
6)	Aniline	2.329	2.291	2.193	2.124	2.171	2.025	1.978	2.159	5.96
7) S	Phenol-d6	1.700	1.626	1.511	1.469	1.491	1.392	1.362	1.507	8.02
8)	2-Chlorophenol	1.449	1.407	1.336	1.295	1.317	1.243	1.199	1.321	6.61
9)	Benzaldehyde	1.210	1.151	1.053	0.996	0.983	0.848		1.040	12.45
10) C	Phenol	1.980	1.906	1.788	1.754	1.760	1.636	1.599	1.775	7.64
11)	bis(2-Chloroet...	1.388	1.362	1.309	1.274	1.302	1.261	1.238	1.305	4.13
12)	1,3-Dichlorobe...	1.716	1.654	1.539	1.490	1.501	1.412	1.376	1.527	8.03
13) C	1,4-Dichlorobe...	1.724	1.642	1.546	1.490	1.516	1.410	1.372	1.529	8.09
14)	1,2-Dichlorobe...	1.610	1.574	1.452	1.384	1.379	1.262	1.191	1.408	10.85
15)	Benzyl Alcohol	1.229	1.248	1.180	1.137	1.149	1.057	1.008	1.144	7.61
16)	2,2'-oxybis(1-...	1.933	1.917	1.814	1.750	1.764	1.668	1.614	1.780	6.68
17)	2-Methylphenol	1.183	1.179	1.108	1.096	1.118	1.069	1.078	1.119	4.08
18)	Hexachloroethane	0.598	0.595	0.572	0.556	0.564	0.532	0.524	0.563	5.09
19) P	n-Nitroso-di-n...	1.046	1.003	0.928	0.900	0.913	0.876	0.872	0.934	7.08
20)	3+4-Methylphenols	1.589	1.490	1.362	1.285	1.291	1.151	1.099	1.324	13.17
21) I	Naphthalene-d8	-----ISTD-----								
22)	Acetophenone	0.518	0.488	0.443	0.419	0.424	0.394	0.384	0.439	11.11
23) S	Nitrobenzene-d5	0.380	0.370	0.349	0.334	0.343	0.329	0.320	0.346	6.27
24)	Nitrobenzene	0.411	0.395	0.377	0.365	0.371	0.351	0.349	0.374	6.01
25)	Isophorone	0.694	0.682	0.664	0.640	0.666	0.653	0.639	0.663	3.12
26) C	2-Nitrophenol	0.173	0.179	0.179	0.174	0.179	0.176	0.174	0.176	1.55
27)	2,4-Dimethylph...	0.282	0.276	0.268	0.260	0.268	0.255	0.249	0.265	4.34
28)	bis(2-Chloroet...	0.450	0.434	0.412	0.398	0.408	0.394	0.378	0.411	5.94
29) C	2,4-Dichloroph...	0.298	0.300	0.288	0.275	0.278	0.268	0.254	0.280	5.90
30)	1,2,4-Trichlor...	0.347	0.340	0.325	0.310	0.318	0.304	0.292	0.319	6.19
31)	Naphthalene	1.079	1.048	0.966	0.912	0.919	0.851	0.813	0.941	10.34
32)	Benzoic acid	0.142	0.185	0.171	0.181	0.201	0.210	0.219	0.187	13.86
33)	4-Chloroaniline	0.464	0.454	0.428	0.411	0.419	0.395	0.372	0.421	7.60
34) C	Hexachlorobuta...	0.205	0.200	0.187	0.179	0.182	0.173	0.163	0.184	8.04
35)	Caprolactam	0.092	0.092	0.092	0.089	0.093	0.089	0.087	0.091	2.35
36) C	4-Chloro-3-met...	0.316	0.306	0.293	0.283	0.292	0.280	0.270	0.291	5.41
37)	2-Methylnaphth...	0.721	0.688	0.634	0.597	0.604	0.562	0.533	0.620	10.76
38)	1-Methylnaphth...	0.682	0.651	0.597	0.565	0.576	0.529	0.504	0.586	10.84

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39) I	Acenaphthene-d10	-----ISTD-----									
40)	1,2,4,5-Tetrac...	0.597	0.589	0.543	0.517	0.529	0.498	0.468	0.535	8.69	
41) P	Hexachlorocycl...	0.123	0.176	0.216	0.223	0.239	0.244	0.242	0.209	21.34	
42) S	2,4,6-Tribromo...	0.209	0.211	0.196	0.190	0.194	0.183	0.173	0.194	7.06	
43) C	2,4,6-Trichlor...	0.376	0.388	0.373	0.364	0.377	0.354	0.345	0.368	3.98	
44)	2,4,5-Trichlor...	0.395	0.395	0.385	0.372	0.385	0.367	0.365	0.380	3.31	
45) S	2-Fluorobiphenyl	1.304	1.093	1.020	1.014	0.908		1.068		13.82	
46)	1,1'-Biphenyl	1.639	1.597	1.435	1.372	1.375	1.274	1.193	1.412	11.42	
47)	2-Chloronaphth...	1.313	1.282	1.188	1.145	1.170	1.091	1.037	1.175	8.35	
48)	2-Nitroaniline	0.411	0.410	0.390	0.376	0.393	0.373	0.365	0.388	4.64	
49)	Acenaphthylene	1.998	1.928	1.750	1.654	1.684	1.533	1.455	1.715	11.48	
50)	Dimethylphthalate	1.484	1.465	1.372	1.306	1.356	1.303	1.248	1.362	6.37	
51)	2,6-Dinitrotol...	0.304	0.309	0.299	0.290	0.301	0.289	0.278	0.296	3.57	
52) C	Acenaphthene	1.225	1.181	1.075	1.012	1.024	0.943	0.903	1.052	11.22	
53)	3-Nitroaniline	0.388	0.381	0.367	0.353	0.374	0.354	0.342	0.366	4.50	
54) P	2,4-Dinitrophenol	0.062	0.101	0.129	0.134	0.146	0.154	0.154	0.126	26.57	
55)	Dibenzofuran	1.799	1.734	1.575	1.478	1.499	1.372	1.251	1.530	12.59	
56) P	4-Nitrophenol	0.203	0.226	0.238	0.236	0.248	0.244	0.244	0.234	6.64	
57)	2,4-Dinitrotol...	0.413	0.417	0.404	0.385	0.407	0.381	0.350	0.394	5.98	
58)	Fluorene	1.409	1.350	1.202	1.130	1.138	1.038	0.971	1.177	13.43	
59)	2,3,4,6-Tetrac...	0.335	0.334	0.322	0.317	0.321	0.314	0.298	0.320	3.92	
60)	Diethylphthalate	1.432	1.423	1.298	1.222	1.262	1.171	1.092	1.271	9.86	
61)	4-Chlorophenyl...	0.699	0.679	0.615	0.578	0.583	0.527	0.491	0.596	12.65	
62)	4-Nitroaniline	0.397	0.393	0.383	0.366	0.380	0.366	0.360	0.378	3.80	
63)	Azobenzene	1.489	1.456	1.330	1.255	1.299	1.203	1.121	1.308	10.08	
64) I	Phenanthrene-d10	-----ISTD-----									
65)	4,6-Dinitro-2-...	0.078	0.098	0.109	0.111	0.115	0.114	0.116	0.106	13.14	
66) c	n-Nitrosodiphe...	0.683	0.657	0.607	0.584	0.588	0.548	0.546	0.602	8.64	
67)	4-Bromophenyl-...	0.236	0.230	0.218	0.208	0.213	0.200	0.194	0.214	7.10	
68)	Hexachlorobenzene	0.273	0.269	0.252	0.240	0.247	0.227	0.225	0.248	7.59	
69)	Atrazine	0.218	0.216	0.200	0.194	0.200	0.184	0.175	0.198	7.81	
70) C	Pentachlorophenol	0.096	0.111	0.125	0.123	0.131	0.126	0.129	0.120	10.36	
71)	Phenanthrene	1.203	1.158	1.042	0.982	0.985	0.905	0.881	1.022	11.86	
72)	Anthracene	1.224	1.172	1.046	0.998	1.008	0.912	0.883	1.035	12.16	
73)	Carbazole	1.088	1.041	0.958	0.910	0.915	0.844	0.816	0.939	10.50	
74)	Di-n-butylphth...	1.234	1.246	1.143	1.063	1.080	0.973	0.927	1.095	11.11	
75) C	Fluoranthene	1.260	1.209	1.083	1.032	1.046	0.945	0.918	1.070	11.82	
76) I	Chrysene-d12	-----ISTD-----									
77)	Benzidine	0.703	0.754	0.725	0.671	0.691	0.621	0.564	0.676	9.58	
78)	Pyrene	1.613	1.603	1.479	1.440	1.471	1.456	1.492	1.508	4.68	
79) S	Terphenyl-d14	1.088	1.073	0.932	0.895	0.900	0.872	0.884	0.949	9.68	
80)	Butylbenzylphth...	0.613	0.659	0.646	0.625	0.638	0.649	0.634	0.638	2.43	
81)	Benzo(a)anthra...	1.398	1.359	1.284	1.248	1.272	1.203	1.184	1.278	6.10	
82)	3,3'-Dichlorob...	0.480	0.481	0.456	0.439	0.449	0.416	0.387	0.444	7.63	
83)	Chrysene	1.355	1.351	1.249	1.206	1.223	1.173	1.129	1.241	6.89	
84)	Bis(2-ethylhex...	0.837	0.891	0.846	0.812	0.826	0.811	0.778	0.829	4.26	
85) c	Di-n-octyl pht...	1.333	1.414	1.365	1.327	1.349	1.257	1.169	1.316	6.08	
86)	Indeno(1,2,3-c...	1.097	1.031	1.000	0.971	1.006	1.024	1.166	1.042	6.43	

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[illegible]

(#) = Out of Range