

Method Path : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\
 Method File : 8270-BG091219.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Thu Sep 12 14:06:09 2019
 Response Via : Initial Calibration

Calibration Files

10 =BG042774.D 20 =BG042775.D 40 =BG042776.D 50 =BG042777.D 60 =BG042778.D 80 =BG042779.D 100 =BG042780.D

	Compound	10	20	40	50	60	80	100	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----								
2)	1,4-Dioxane	0.538	0.550	0.533	0.513	0.525	0.517	0.499	0.525	3.21
3)	Pyridine	1.622	1.643	1.622	1.566	1.637	1.518	1.457	1.581	4.47
4)	n-Nitrosodimet...	0.708	0.757	0.778	0.771	0.804	0.786	0.780	0.769	3.99
5) S	2-Fluorophenol	1.166	1.188	1.155	1.129	1.158	1.148	1.108	1.150	2.26
6)	Aniline	2.318	2.333	2.252	2.168	2.245	2.175	2.104	2.228	3.75
7) S	Phenol-d6	1.702	1.718	1.657	1.625	1.677	1.605	1.574	1.651	3.19
8)	2-Chlorophenol	1.275	1.312	1.231	1.203	1.252	1.222	1.209	1.244	3.15
9)	Benzaldehyde	1.271	1.194	1.012	0.962	0.934			1.075	13.89
10) C	Phenol	1.774	1.763	1.694	1.637	1.715	1.651	1.620	1.693	3.61
11)	bis(2-Chloroet...	1.364	1.347	1.304	1.249	1.293	1.264	1.276	1.300	3.28
12)	1,3-Dichlorobe...	1.573	1.554	1.535	1.472	1.511	1.502	1.469	1.517	2.63
13) C	1,4-Dichlorobe...	1.579	1.553	1.532	1.482	1.527	1.484	1.473	1.518	2.66
14)	1,2-Dichlorobe...	1.542	1.504	1.429	1.377	1.451	1.412	1.402	1.445	4.07
15)	Benzyl Alcohol	1.405	1.479	1.424	1.370	1.449	1.396	1.397	1.417	2.60
16)	2,2'-oxybis(1-...	3.015	3.030	2.871	2.767	2.844	2.735	2.715	2.854	4.49
17)	2-Methylphenol	1.157	1.173	1.120	1.092	1.154	1.107	1.128	1.133	2.58
18)	Hexachloroethane	0.553	0.580	0.562	0.543	0.561	0.572	0.553	0.561	2.18
19) P	n-Nitroso-di-n...	1.255	1.270	1.216	1.160	1.230	1.196	1.190	1.217	3.16
20)	3+4-Methylphenols	1.602	1.586	1.536	1.525	1.595	1.543	1.544	1.562	2.02
21) I	Naphthalene-d8	-----ISTD-----								
22)	Acetophenone	0.541	0.526	0.503	0.484	0.501	0.484	0.496	0.505	4.18
23) S	Nitrobenzene-d5	0.359	0.385	0.383	0.381	0.401	0.387	0.392	0.384	3.40
24)	Nitrobenzene	0.381	0.394	0.401	0.403	0.418	0.409	0.417	0.403	3.26
25)	Isophorone	0.839	0.823	0.807	0.781	0.800	0.775	0.781	0.801	2.99
26) C	2-Nitrophenol	0.133	0.145	0.156	0.159	0.170	0.168	0.178	0.159	9.82
27)	2,4-Dimethylph...	0.277	0.289	0.284	0.282	0.284	0.271	0.276	0.280	2.17
28)	bis(2-Chloroet...	0.464	0.469	0.447	0.430	0.450	0.434	0.432	0.447	3.49
29) C	2,4-Dichloroph...	0.327	0.332	0.327	0.320	0.335	0.319	0.322	0.326	1.84
30)	1,2,4-Trichlor...	0.400	0.408	0.399	0.389	0.401	0.396	0.393	0.398	1.60
31)	Naphthalene	1.057	1.026	0.997	0.965	0.987	0.947	0.934	0.987	4.41
32)	Benzoic acid	0.140	0.171	0.224	0.222	0.234	0.234	0.248	0.210	18.88
33)	4-Chloroaniline	0.471	0.477	0.466	0.449	0.465	0.448	0.454	0.462	2.41
34) C	Hexachlorobuta...	0.289	0.280	0.276	0.269	0.279	0.278	0.281	0.279	2.19
35)	Caprolactam	0.118	0.123	0.124	0.120	0.127	0.117	0.119	0.121	3.08
36) C	4-Chloro-3-met...	0.363	0.361	0.361	0.345	0.355	0.342	0.350	0.354	2.40
37)	2-Methylnaphth...	0.760	0.773	0.752	0.725	0.741	0.715	0.713	0.740	3.12
38)	1-Methylnaphth...	0.732	0.706	0.706	0.680	0.697	0.665	0.671	0.694	3.37

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39) I	Acenaphthene-d10	-----ISTD-----									
40)	1,2,4,5-Tetrac...	0.688	0.680	0.648	0.647	0.660	0.665	0.638	0.661	2.76	
41) P	Hexachlorocycl...	0.321	0.352	0.368	0.380	0.410	0.418	0.401	0.379	9.18	
42) S	2,4,6-Tribromo...	0.261	0.267	0.267	0.264	0.272	0.267	0.265	0.266	1.27	
43) C	2,4,6-Trichlor...	0.461	0.441	0.440	0.436	0.445	0.437	0.419	0.440	2.78	
44)	2,4,5-Trichlor...	0.458	0.464	0.452	0.441	0.460	0.443	0.436	0.451	2.40	
45) S	2-Fluorobiphenyl	1.418	1.365	1.284	1.244	1.238	1.203	1.093	1.263	8.45	
46)	1,1'-Biphenyl	1.496	1.444	1.387	1.387	1.400	1.384	1.304	1.400	4.22	
47)	2-Chloronaphth...	1.238	1.202	1.142	1.142	1.146	1.148	1.089	1.158	4.15	
48)	2-Nitroaniline	0.343	0.377	0.395	0.412	0.430	0.429	0.426	0.402	8.12	
49)	Acenaphthylene	1.920	1.868	1.772	1.742	1.765	1.718	1.605	1.770	5.78	
50)	Dimethylphthalate	1.611	1.592	1.501	1.483	1.477	1.452	1.371	1.498	5.48	
51)	2,6-Dinitrotol...	0.271	0.298	0.305	0.313	0.321	0.323	0.321	0.307	6.02	
52) C	Acenaphthene	1.196	1.185	1.141	1.143	1.158	1.158	1.113	1.156	2.43	
53)	3-Nitroaniline	0.329	0.345	0.346	0.347	0.353	0.351	0.345	0.345	2.19	
54) P	2,4-Dinitrophenol	0.117	0.137	0.147	0.153	0.164	0.169	0.173	0.151	13.14	
55)	Dibenzofuran	1.886	1.809	1.742	1.699	1.695	1.659	1.541	1.719	6.42	
56) P	4-Nitrophenol	0.243	0.263	0.271	0.273	0.273	0.272	0.271	0.267	4.11	
57)	2,4-Dinitrotol...	0.346	0.387	0.410	0.423	0.434	0.437	0.432	0.410	8.11	
58)	Fluorene	1.559	1.483	1.420	1.405	1.424	1.378	1.302	1.424	5.67	
59)	2,3,4,6-Tetrac...	0.441	0.448	0.440	0.443	0.445	0.426	0.416	0.437	2.66	
60)	Diethylphthalate	1.651	1.607	1.529	1.494	1.502	1.470	1.394	1.521	5.65	
61)	4-Chlorophenyl...	0.894	0.869	0.841	0.830	0.838	0.820	0.804	0.842	3.58	
62)	4-Nitroaniline	0.361	0.376	0.377	0.372	0.374	0.375	0.367	0.372	1.51	
63)	Azobenzene	1.622	1.541	1.471	1.440	1.439	1.409	1.331	1.465	6.41	
64) I	Phenanthrene-d10	-----ISTD-----									
65)	4,6-Dinitro-2-...	0.067	0.077	0.083	0.086	0.095	0.094	0.098	0.086	13.07	
66) c	n-Nitrosodiphe...	0.574	0.563	0.531	0.531	0.551	0.515	0.503	0.538	4.79	
67)	4-Bromophenyl-...	0.246	0.247	0.239	0.238	0.247	0.240	0.238	0.242	1.78	
68)	Hexachlorobenzene	0.268	0.265	0.254	0.254	0.264	0.255	0.251	0.259	2.58	
69)	Atrazine	0.232	0.223	0.169	0.162	0.150			0.187	19.97	
70) C	Pentachlorophenol	0.146	0.161	0.152	0.157	0.162	0.151	0.146	0.153	4.29	
71)	Phenanthrene	1.058	1.011	0.963	0.948	0.965	0.904	0.846	0.956	7.22	
72)	Anthracene	1.054	1.025	0.963	0.948	0.958	0.898	0.844	0.956	7.44	
73)	Carbazole	0.998	0.982	0.925	0.905	0.903	0.846	0.799	0.908	7.73	
74)	Di-n-butylphth...	1.233	1.199	1.118	1.090	1.074	0.994	0.907	1.088	10.34	
75) C	Fluoranthene	1.423	1.386	1.274	1.230	1.217	1.121	1.026	1.240	11.24	
76) I	Chrysene-d12	-----ISTD-----									
77)	Benzidine	0.679	0.621	0.551	0.535	0.515	0.451		0.559	14.40	
78)	Pyrene	1.384	1.351	1.292	1.227	1.253	1.170	1.087	1.252	8.22	
79) S	Terphenyl-d14	1.090	1.029	0.952	0.879	0.873	0.795	0.699	0.902	14.87	
80)	Butylbenzylphth...	0.510	0.527	0.518	0.496	0.513	0.494	0.489	0.507	2.75	
81)	Benzo(a)anthra...	1.416	1.358	1.294	1.235	1.269	1.202	1.128	1.272	7.58	
82)	3,3'-Dichlorob...	0.513	0.515	0.489	0.488	0.502	0.482	0.470	0.494	3.32	
83)	Chrysene	1.341	1.303	1.216	1.170	1.203	1.131	1.068	1.205	7.84	
84)	Bis(2-ethylhex...	0.724	0.722	0.694	0.679	0.707	0.672	0.648	0.692	4.03	
85) c	Di-n-octyl pht...	1.236	1.234	1.187	1.167	1.201	1.143	1.095	1.180	4.26	
86)	Indeno(1,2,3-c...	1.493	1.490	1.468	1.453	1.534	1.496	1.507	1.492	1.75	

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[illegible]

(#) = Out of Range