

Method Path : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\
 Method File : 8270-BG102119.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Mon Oct 21 16:37:43 2019
 Response Via : Initial Calibration

Calibration Files

10 =BG043290.D 20 =BG043291.D 40 =BG043292.D 50 =BG043293.D 60 =BG043294.D 80 =BG043295.D 100 =BG043296.D

Compound	10	20	40	50	60	80	100	Avg	%RSD

1) I 1,4-Dichlorobenzen...	-----ISTD-----								
2) 1,4-Dioxane	0.471	0.427	0.445	0.405	0.416	0.403	0.409	0.425	5.83
3) Pyridine	0.943	1.108	1.250	1.050	1.068	1.015	1.075	1.073	8.80
4) n-Nitrosodimet...	0.466	0.536	0.561	0.559	0.559	0.553	0.555	0.541	6.32
5) S 2-Fluorophenol	1.034	1.073	1.138	1.087	1.138	1.077	1.094	1.091	3.38
6) Aniline	1.639	1.780	1.928	1.833	1.888	1.794	1.801	1.809	5.10
7) S Phenol-d6	1.448	1.557	1.641	1.573	1.628	1.549	1.596	1.570	4.08
8) 2-Chlorophenol	1.223	1.197	1.253	1.188	1.207	1.157	1.209	1.205	2.46
9) Benzaldehyde	0.892	0.831	0.779	0.697	0.661			0.772	12.28
10) C Phenol	1.335	1.404	1.520	1.423	1.495	1.423	1.444	1.435	4.25
11) bis(2-Chloroet...	1.060	1.107	1.171	1.100	1.120	1.062	1.146	1.109	3.70
12) 1,3-Dichlorobe...	1.526	1.511	1.560	1.485	1.518	1.451	1.516	1.510	2.25
13) C 1,4-Dichlorobe...	1.512	1.556	1.586	1.495	1.526	1.480	1.536	1.527	2.39
14) 1,2-Dichlorobe...	1.562	1.494	1.548	1.469	1.468	1.440	1.457	1.491	3.12
15) Benzyl Alcohol	0.899	1.004	1.186	1.125	1.178	1.130	1.198	1.103	10.08
16) 2,2'-oxybis(1-...	1.677	1.641	1.717	1.570	1.592	1.537	1.558	1.613	4.15
17) 2-Methylphenol	1.044	1.043	1.069	1.053	1.055	1.010	1.049	1.046	1.73
18) Hexachloroethane	0.562	0.554	0.572	0.534	0.556	0.536	0.544	0.551	2.51
19) P n-Nitroso-di-n...	0.998	1.030	1.053	0.994	1.038	0.980	1.010	1.015	2.60
20) 3+4-Methylphenols	1.356	1.397	1.483	1.450	1.468	1.420	1.467	1.434	3.17
21) I Naphthalene-d8	-----ISTD-----								
22) Acetophenone	0.502	0.520	0.540	0.505	0.511	0.502	0.505	0.512	2.72
23) S Nitrobenzene-d5	0.384	0.398	0.400	0.388	0.380	0.384	0.381	0.388	2.09
24) Nitrobenzene	0.376	0.376	0.385	0.361	0.361	0.360	0.369	0.370	2.64
25) Isophorone	0.714	0.722	0.741	0.708	0.699	0.687	0.694	0.709	2.58
26) C 2-Nitrophenol	0.166	0.171	0.182	0.181	0.177	0.186	0.186	0.178	4.33
27) 2,4-Dimethylph...	0.236	0.261	0.266	0.255	0.257	0.252	0.263	0.256	3.86
28) bis(2-Chloroet...	0.383	0.394	0.420	0.389	0.388	0.378	0.389	0.391	3.51
29) C 2,4-Dichloroph...	0.295	0.324	0.347	0.333	0.329	0.331	0.335	0.328	4.91
30) 1,2,4-Trichlor...	0.426	0.418	0.426	0.404	0.409	0.400	0.409	0.413	2.48
31) Naphthalene	1.039	1.051	1.048	0.997	1.001	0.982	0.988	1.015	2.95
32) Benzoic acid	0.146	0.120	0.168	0.184	0.201	0.209	0.228	0.179	21.06
33) 4-Chloroaniline	0.398	0.393	0.445	0.420	0.418	0.414	0.424	0.416	4.17
34) C Hexachlorobuta...	0.314	0.316	0.313	0.298	0.300	0.299	0.296	0.305	2.92
35) Caprolactam	0.096	0.108	0.121	0.117	0.122	0.113	0.112	0.113	7.88
36) C 4-Chloro-3-met...	0.335	0.350	0.376	0.361	0.367	0.351	0.362	0.357	3.73
37) 2-Methylnaphth...	0.793	0.801	0.813	0.763	0.765	0.757	0.761	0.779	2.92
38) 1-Methylnaphth...	0.769	0.760	0.771	0.728	0.724	0.716	0.720	0.741	3.30

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39) I	Acenaphthene-d10	-----ISTD-----									
40)	1,2,4,5-Tetrac...	0.746	0.745	0.770	0.736	0.724	0.730	0.730	0.740	2.06	
41) P	Hexachlorocycl...	0.291	0.357	0.408	0.405	0.408	0.423	0.429	0.389	12.60	
42) S	2,4,6-Tribromo...	0.374	0.390	0.401	0.381	0.382	0.368	0.369	0.381	3.11	
43) C	2,4,6-Trichlor...	0.419	0.434	0.461	0.432	0.435	0.435	0.436	0.436	2.87	
44)	2,4,5-Trichlor...	0.393	0.443	0.464	0.458	0.447	0.438	0.442	0.441	5.24	
45) S	2-Fluorobiphenyl	1.536	1.504	1.519	1.436	1.418	1.359	1.360	1.447	5.09	
46)	1,1'-Biphenyl	1.533	1.543	1.605	1.507	1.503	1.478	1.482	1.521	2.88	
47)	2-Chloronaphth...	1.163	1.190	1.197	1.159	1.142	1.127	1.126	1.158	2.44	
48)	2-Nitroaniline	0.293	0.339	0.372	0.355	0.352	0.352	0.360	0.346	7.27	
49)	Acenaphthylene	1.853	1.831	1.896	1.797	1.789	1.723	1.724	1.802	3.56	
50)	Dimethylphthalate	1.610	1.578	1.609	1.535	1.555	1.465	1.492	1.549	3.60	
51)	2,6-Dinitrotol...	0.335	0.335	0.355	0.335	0.335	0.330	0.331	0.337	2.52	
52) C	Acenaphthene	1.089	1.118	1.143	1.089	1.096	1.073	1.082	1.099	2.20	
53)	3-Nitroaniline	0.263	0.336	0.343	0.334	0.332	0.328	0.338	0.325	8.56	
54) P	2,4-Dinitrophenol	0.088	0.150	0.186	0.196	0.201	0.205	0.219	0.178	25.40	
55)	Dibenzofuran	1.875	1.815	1.858	1.768	1.757	1.700	1.701	1.782	3.94	
56) P	4-Nitrophenol	0.160	0.185	0.233	0.229	0.231	0.241	0.244	0.218	14.77	
57)	2,4-Dinitrotol...	0.452	0.492	0.500	0.477	0.486	0.470	0.490	0.481	3.39	
58)	Fluorene	1.547	1.524	1.574	1.473	1.481	1.431	1.431	1.494	3.74	
59)	2,3,4,6-Tetrac...	0.478	0.466	0.516	0.468	0.471	0.440	0.438	0.468	5.53	
60)	Diethylphthalate	1.634	1.604	1.627	1.546	1.558	1.458	1.468	1.557	4.61	
61)	4-Chlorophenyl...	0.880	0.898	0.902	0.862	0.869	0.841	0.850	0.872	2.64	
62)	4-Nitroaniline	0.276	0.305	0.360	0.357	0.349	0.350	0.351	0.336	9.54	
63)	Azobenzene	1.302	1.288	1.321	1.243	1.262	1.199	1.204	1.260	3.75	
64) I	Phenanthrene-d10	-----ISTD-----									
65)	4,6-Dinitro-2-...	0.098	0.112	0.121	0.120	0.122	0.125	0.125	0.118	8.33	
66) c	n-Nitrosodiphe...	0.587	0.577	0.596	0.550	0.551	0.550	0.544	0.565	3.73	
67)	4-Bromophenyl-...	0.270	0.275	0.280	0.264	0.263	0.267	0.264	0.269	2.40	
68)	Hexachlorobenzene	0.321	0.316	0.320	0.302	0.300	0.303	0.301	0.309	3.05	
69)	Atrazine	0.231	0.231	0.200	0.170	0.148			0.196	18.89	
70) C	Pentachlorophenol	0.115	0.133	0.153	0.146	0.146	0.148	0.145	0.141	9.08	
71)	Phenanthrene	1.070	1.076	1.077	0.999	1.000	0.988	0.960	1.024	4.75	
72)	Anthracene	1.072	1.058	1.094	1.008	0.985	0.989	0.965	1.025	4.86	
73)	Carbazole	0.942	0.966	0.981	0.919	0.910	0.895	0.883	0.928	3.94	
74)	Di-n-butylphth...	1.177	1.173	1.198	1.102	1.110	1.083	1.039	1.126	5.16	
75) C	Fluoranthene	1.435	1.419	1.433	1.312	1.298	1.242	1.207	1.335	7.08	
76) I	Chrysene-d12	-----ISTD-----									
77)	Benzidine	0.457	0.445	0.453	0.392	0.345	0.323		0.403	14.48	
78)	Pyrene	1.320	1.299	1.297	1.230	1.200	1.177	1.143	1.238	5.53	
79) S	Terphenyl-d14	1.201	1.165	1.133	1.065	1.022	0.968	0.909	1.066	10.03	
80)	Butylbenzylphth...	0.459	0.466	0.492	0.476	0.464	0.465	0.462	0.469	2.40	
81)	Benzo(a)anthra...	1.301	1.296	1.295	1.249	1.226	1.211	1.191	1.253	3.62	
82)	3,3'-Dichlorob...	0.496	0.505	0.512	0.488	0.481	0.474	0.436	0.485	5.15	
83)	Chrysene	1.328	1.277	1.306	1.226	1.228	1.196	1.152	1.245	5.02	
84)	Bis(2-ethylhex...	0.659	0.658	0.691	0.668	0.666	0.667	0.654	0.666	1.85	
85) c	Di-n-octyl pht...	1.109	1.133	1.163	1.143	1.124	1.131	1.110	1.130	1.66	
86)	Indeno(1,2,3-c...	1.487	1.528	1.615	1.559	1.575	1.598	1.574	1.562	2.77	

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87) I	Perylene-d12										
88)	Benzo(b)fluora...	1.168	1.149	1.186	1.113	1.101	1.105	1.107	1.133	3.05	
89)	Benzo(k)fluora...	1.205	1.187	1.195	1.144	1.103	1.086	1.061	1.140	5.05	
90) C	Benzo(a)pyrene	1.103	1.098	1.130	1.065	1.067	1.058	1.051	1.082	2.71	
91)	Dibenzo(a,h)an...	1.082	1.100	1.157	1.113	1.094	1.100	1.098	1.106	2.20	
92)	Benzo(g,h,i)pe...	1.106	1.080	1.141	1.089	1.068	1.083	1.072	1.091	2.29	

(#) = Out of Range