

Method Path : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\
 Method File : 8270-BG061419.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Fri Jun 14 15:26:06 2019
 Response Via : Initial Calibration

Calibration Files

10 =BG041247.D 20 =BG041248.D 40 =BG041249.D 50 =BG041250.D 60 =BG041251.D 80 =BG041252.D 100 =BG041253.D

Compound		10	20	40	50	60	80	100	Avg	%RSD

1) I	1,4-Dichlorobenzen...	-----ISTD-----								
2)	1,4-Dioxane	0.417	0.496	0.478	0.452	0.466	0.452	0.407	0.452	6.99
3)	Pyridine	1.200	1.254	1.392	1.366	1.351	1.385	1.306	1.322	5.48
4)	n-Nitrosodimet...	0.541	0.670	0.728	0.693	0.707	0.735	0.739	0.688	10.07
5) S	2-Fluorophenol	1.011	1.104	1.144	1.111	1.100	1.104	1.024	1.085	4.49
6)	Aniline	2.134	2.186	2.282	2.131	2.137	2.161	2.121	2.165	2.59
7) S	Phenol-d6	1.610	1.653	1.758	1.686	1.647	1.664	1.598	1.659	3.20
8)	2-Chlorophenol	1.354	1.392	1.381	1.363	1.306	1.331	1.272	1.343	3.17
9)	Benzaldehyde	1.235	1.186	1.048	0.950	0.947	0.933	1.087	1.055	11.48
10) C	Phenol	1.744	1.787	1.901	1.806	1.759	1.766	1.708	1.782	3.43
11)	bis(2-Chloroet...	1.316	1.258	1.346	1.317	1.290	1.302	1.305	1.305	2.07
12)	1,3-Dichlorobe...	1.601	1.625	1.676	1.630	1.604	1.608	1.552	1.614	2.31
13) C	1,4-Dichlorobe...	1.671	1.655	1.704	1.633	1.600	1.641	1.586	1.641	2.46
14)	1,2-Dichlorobe...	1.552	1.544	1.674	1.589	1.558	1.561	1.527	1.572	3.09
15)	Benzyl Alcohol	1.473	1.459	1.625	1.544	1.480	1.565	1.545	1.527	3.90
16)	2,2'-oxybis(1-...	2.070	2.094	2.194	2.073	2.038	2.079	2.073	2.089	2.37
17)	2-Methylphenol	1.341	1.312	1.368	1.264	1.221	1.249	1.256	1.287	4.18
18)	Hexachloroethane	0.634	0.648	0.676	0.630	0.631	0.650	0.633	0.643	2.59
19) P	n-Nitroso-di-n...	1.302	1.256	1.332	1.235	1.221	1.275	1.270	1.270	2.98
20)	3+4-Methylphenols	1.778	1.807	1.873	1.744	1.714	1.758	1.728	1.772	3.07
21) I	Naphthalene-d8	-----ISTD-----								
22)	Acetophenone	0.547	0.558	0.563	0.543	0.549	0.557	0.557	0.554	1.30
23) S	Nitrobenzene-d5	0.426	0.462	0.472	0.459	0.459	0.465	0.484	0.461	3.88
24)	Nitrobenzene	0.446	0.461	0.477	0.454	0.464	0.470	0.463	0.462	2.23
25)	Isophorone	0.768	0.806	0.834	0.803	0.814	0.833	0.828	0.812	2.86
26) C	2-Nitrophenol	0.175	0.200	0.203	0.192	0.196	0.201	0.203	0.196	5.14
27)	2,4-Dimethylph...	0.298	0.299	0.306	0.297	0.294	0.301	0.285	0.297	2.21
28)	bis(2-Chloroet...	0.420	0.436	0.446	0.437	0.442	0.451	0.446	0.440	2.29
29) C	2,4-Dichloroph...	0.369	0.386	0.386	0.375	0.379	0.388	0.379	0.380	1.84
30)	1,2,4-Trichlor...	0.442	0.462	0.464	0.451	0.464	0.466	0.466	0.459	1.99
31)	Naphthalene	1.044	1.080	1.088	1.043	1.054	1.072	1.041	1.060	1.83
32)	Benzoic acid	0.015	0.047	0.064	0.113	0.138	0.160	0.202	0.106	63.27
33)	4-Chloroaniline	0.428	0.472	0.473	0.451	0.475	0.476	0.467	0.463	3.76
34) C	Hexachlorobuta...	0.336	0.358	0.362	0.349	0.360	0.357	0.357	0.354	2.53
35)	Caprolactam	0.094	0.101	0.111	0.110	0.114	0.113	0.117	0.109	7.40
36) C	4-Chloro-3-met...	0.369	0.403	0.418	0.399	0.405	0.409	0.416	0.403	4.02
37)	2-Methylnaphth...	0.774	0.809	0.827	0.771	0.804	0.796	0.788	0.795	2.50
38)	1-Methylnaphth...	0.738	0.765	0.778	0.727	0.751	0.750	0.740	0.750	2.30

Method Path : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\
 Method File : 8270-BG061419.M

39) I	Acenaphthene-d10	-----ISTD-----									
40)	1,2,4,5-Tetrac...	0.859	0.893	0.882	0.859	0.861	0.880	0.858	0.870	1.63	
41) P	Hexachlorocycl...	0.244	0.294	0.380	0.387	0.419	0.456	0.471	0.379	22.01	
42) S	2,4,6-Tribromo...	0.235	0.271	0.287	0.276	0.285	0.290	0.293	0.277	7.17	
43) C	2,4,6-Trichlor...	0.482	0.520	0.541	0.529	0.528	0.536	0.529	0.524	3.70	
44)	2,4,5-Trichlor...	0.478	0.518	0.542	0.525	0.540	0.533	0.529	0.524	4.12	
45) S	2-Fluorobiphenyl	1.558	1.578	1.535	1.464	1.481	1.471	1.489	1.511	3.01	
46)	1,1'-Biphenyl	1.545	1.570	1.564	1.519	1.548	1.568	1.512	1.547	1.52	
47)	2-Chloronaphth...	1.353	1.365	1.389	1.324	1.350	1.360	1.310	1.350	1.95	
48)	2-Nitroaniline	0.438	0.458	0.483	0.459	0.472	0.481	0.475	0.467	3.43	
49)	Acenaphthylene	1.958	1.982	1.990	1.906	1.934	1.917	1.873	1.937	2.19	
50)	Dimethylphthalate	1.681	1.736	1.742	1.650	1.663	1.679	1.649	1.686	2.29	
51)	2,6-Dinitrotol...	0.348	0.359	0.364	0.357	0.367	0.368	0.369	0.362	2.14	
52) C	Acenaphthene	1.162	1.164	1.183	1.134	1.158	1.166	1.151	1.160	1.29	
53)	3-Nitroaniline	0.317	0.350	0.359	0.337	0.357	0.365	0.360	0.349	4.88	
54) P	2,4-Dinitrophenol	0.005	0.020	0.049	0.071	0.089	0.118	0.149	0.072	71.88	
55)	Dibenzofuran	1.943	2.055	2.018	1.917	1.966	1.947	1.891	1.962	2.91	
56) P	4-Nitrophenol	0.086	0.137	0.188	0.205	0.217	0.233	0.240	0.187	30.09	
57)	2,4-Dinitrotol...	0.464	0.487	0.516	0.491	0.509	0.520	0.524	0.502	4.31	
58)	Fluorene	1.514	1.553	1.566	1.502	1.514	1.517	1.500	1.524	1.66	
59)	2,3,4,6-Tetrac...	0.373	0.473	0.515	0.485	0.510	0.508	0.498	0.480	10.36	
60)	Diethylphthalate	1.649	1.683	1.704	1.628	1.678	1.670	1.642	1.665	1.58	
61)	4-Chlorophenyl...	0.996	0.995	1.008	0.965	1.003	1.010	1.007	0.998	1.55	
62)	4-Nitroaniline	0.228	0.312	0.358	0.352	0.365	0.382	0.382	0.340	16.08	
63)	Azobenzene	1.467	1.535	1.546	1.462	1.516	1.511	1.465	1.500	2.35	
64) I	Phenanthrene-d10	-----ISTD-----									
65)	4,6-Dinitro-2-...	0.024	0.035	0.065	0.082	0.087	0.102	0.116	0.073	46.35	
66) c	n-Nitrosodiphe...	0.556	0.561	0.558	0.556	0.560	0.547	0.556	0.556	0.78	
67)	4-Bromophenyl-...	0.254	0.265	0.264	0.267	0.268	0.263	0.273	0.265	2.21	
68)	Hexachlorobenzene	0.304	0.288	0.285	0.288	0.284	0.280	0.286	0.288	2.69	
69)	Atrazine	0.229	0.235	0.208	0.185	0.165	0.123	0.094	0.177	30.07	
70) C	Pentachlorophenol	0.045	0.062	0.100	0.112	0.120	0.124	0.136	0.100	33.86#	
71)	Phenanthrene	1.098	1.086	1.068	1.049	1.047	1.017	1.010	1.054	3.15	
72)	Anthracene	1.061	1.065	1.069	1.043	1.050	1.018	1.002	1.044	2.43	
73)	Carbazole	0.888	0.900	0.901	0.894	0.898	0.879	0.881	0.892	1.01	
74)	Di-n-butylphth...	1.119	1.123	1.128	1.122	1.114	1.082	1.067	1.108	2.15	
75) C	Fluoranthene	1.380	1.385	1.369	1.351	1.349	1.288	1.255	1.340	3.69	
76) I	Chrysene-d12	-----ISTD-----									
77)	Benzidine	0.342	0.309	0.317	0.309	0.313	0.274	0.311		6.97	
78)	Pyrene	1.476	1.440	1.424	1.376	1.359	1.291	1.245	1.373	6.02	
79) S	Terphenyl-d14	1.113	1.104	1.074	1.023	0.991	0.923	0.912	1.020	8.04	
80)	Butylbenzylpht...	0.530	0.520	0.537	0.533	0.521	0.520	0.518	0.526	1.45	
81)	Benzo(a)anthra...	1.342	1.335	1.377	1.326	1.320	1.301	1.256	1.323	2.82	
82)	3,3'-Dichlorob...	0.378	0.379	0.424	0.405	0.427	0.421	0.413	0.407	5.09	
83)	Chrysene	1.355	1.338	1.376	1.296	1.291	1.264	1.230	1.307	3.98	
84)	Bis(2-ethylhex...	0.734	0.736	0.755	0.742	0.720	0.718	0.718	0.732	1.92	
85) c	Di-n-octyl pht...	1.206	1.184	1.271	1.250	1.215	1.193	1.187	1.215	2.74	
86)	Indeno(1,2,3-c...	0.696	0.619	0.799	0.764	0.788	0.936	0.892	0.785	13.77	

Method Path : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\
Method File : 8270-BG061419.M

87) I	Perylene-d12									
88)	Benzo(b)fluora...	1.098	1.301	1.167	1.245	1.242	1.251	1.249	1.222	5.50
89)	Benzo(k)fluora...	1.478	1.653	1.347	1.455	1.521	1.350	1.408	1.459	7.35
90) C	Benzo(a)pyrene	1.167	1.187	1.167	1.166	1.199	1.221	1.224	1.190	2.12
91)	Dibenzo(a,h)an...	0.667	0.671	0.659	0.689	0.619	0.744	0.733	0.683	6.35
92)	Benzo(g,h,i)pe...	0.622	0.546	0.516	0.591	0.555	0.661	0.623	0.588	8.75

(#) = Out of Range