

Method Path : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\
 Method File : 8270-BG110420.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Wed Nov 04 16:19:40 2020
 Response Via : Initial Calibration

Calibration Files

5 =BG047207.D 10 =BG047208.D 20 =BG047209.D 40 =BG047210.D 50 =BG047211.D 60 =BG047212.D 80 =BG047213.D

Compound	5	10	20	40	50	60	80	Avg	%RSD

1) I 1,4-Dichlorobenzen...	-----ISTD-----								
2) 1,4-Dioxane	0.656	0.697	0.638	0.602	0.562	0.605	0.517	0.611	9.80
3) Pyridine	1.439	1.834	1.719	1.752	1.611	1.666	1.419	1.634	9.58
4) n-Nitrosodimet...	0.794	0.896	0.817	0.869	0.802	0.856	0.702	0.820	7.77
5) S 2-Fluorophenol	1.183	1.360	1.302	1.273	1.189	1.255	1.074	1.234	7.60
6) Aniline	2.030	2.319	2.133	2.239	2.020	2.174	1.845	2.108	7.49
7) S Phenol-d6	1.683	2.006	1.832	1.893	1.715	1.832	1.543	1.786	8.52
8) 2-Chlorophenol	1.240	1.512	1.359	1.357	1.265	1.316	1.121	1.310	9.24
9) Benzaldehyde	1.199	1.365	1.337	1.244	1.156	1.184	0.926	1.202	12.03
10) C Phenol	1.566	1.919	1.765	1.782	1.625	1.735	1.469	1.694	8.92
11) bis(2-Chloroet...	1.331	1.569	1.402	1.403	1.243	1.321	1.139	1.344	10.10
12) 1,3-Dichlorobe...	1.737	1.946	1.742	1.745	1.617	1.699	1.449	1.705	8.81
13) C 1,4-Dichlorobe...	1.677	2.007	1.732	1.792	1.610	1.707	1.461	1.712	9.78
14) 1,2-Dichlorobe...	1.639	1.883	1.704	1.634	1.550	1.596	1.361	1.624	9.71
15) Benzyl Alcohol	1.123	1.471	1.427	1.503	1.356	1.486	1.242	1.373	10.39
16) 2,2'-oxybis(1-...	2.127	2.421	2.122	2.137	1.921	2.048	1.745	2.074	10.07
17) 2-Methylphenol	1.067	1.312	1.187	1.199	1.094	1.167	1.001	1.147	8.88
18) Hexachloroethane	0.606	0.715	0.643	0.643	0.604	0.634	0.543	0.627	8.34
19) P n-Nitroso-di-n...	1.101	1.314	1.206	1.260	1.124	1.192	1.020	1.174	8.50
20) 3+4-Methylphenols	1.398	1.718	1.548	1.636	1.524	1.567	1.360	1.536	8.18
21) I Naphthalene-d8	-----ISTD-----								
22) Acetophenone	0.551	0.637	0.570	0.591	0.573	0.594	0.521	0.577	6.33
23) S Nitrobenzene-d5	0.424	0.507	0.467	0.488	0.471	0.485	0.421	0.466	6.97
24) Nitrobenzene	0.454	0.525	0.473	0.488	0.473	0.484	0.423	0.474	6.62
25) Isophorone	0.747	0.862	0.790	0.843	0.800	0.831	0.718	0.799	6.54
26) C 2-Nitrophenol	0.175	0.207	0.197	0.217	0.215	0.224	0.197	0.205	8.10
27) 2,4-Dimethylph...	0.244	0.289	0.272	0.290	0.288	0.286	0.254	0.275	6.87
28) bis(2-Chloroet...	0.451	0.534	0.479	0.500	0.485	0.500	0.433	0.483	6.94
29) C 2,4-Dichloroph...	0.330	0.403	0.374	0.405	0.393	0.401	0.352	0.379	7.69
30) 1,2,4-Trichlor...	0.455	0.514	0.465	0.470	0.473	0.476	0.421	0.468	5.91
31) Naphthalene	1.134	1.281	1.141	1.162	1.126	1.158	1.013	1.145	6.85
32) Benzoic acid	0.108	0.131	0.174	0.246	0.236	0.252	0.191		32.67
33) 4-Chloroaniline	0.425	0.508	0.482	0.513	0.495	0.509	0.441	0.482	7.37
34) C Hexachlorobuta...	0.344	0.405	0.349	0.349	0.352	0.358	0.320	0.354	7.23
35) Caprolactam	0.096	0.134	0.119	0.142	0.129	0.136	0.114	0.124	12.80
36) C 4-Chloro-3-met...	0.332	0.412	0.380	0.418	0.394	0.417	0.354	0.387	8.66
37) 2-Methylnaphth...	0.815	0.941	0.858	0.899	0.862	0.883	0.765	0.861	6.65
38) 1-Methylnaphth...	0.807	0.911	0.797	0.849	0.811	0.832	0.718	0.818	7.12

Method Path : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\										
Method File : 8270-BG110420.M										
39) I	Acenaphthene-d10	-----ISTD-----								
40)	1,2,4,5-Tetrac...	0.775	0.867	0.789	0.791	0.792	0.791	0.723	0.790	5.35
41) P	Hexachlorocycl...	0.303	0.394	0.403	0.431	0.461	0.448	0.425	0.409	12.80
42) S	2,4,6-Tribromo...	0.299	0.345	0.321	0.360	0.348	0.363	0.309	0.335	7.57
43) C	2,4,6-Trichlor...	0.450	0.550	0.508	0.534	0.540	0.537	0.475	0.513	7.39
44)	2,4,5-Trichlor...	0.457	0.539	0.508	0.555	0.546	0.561	0.481	0.521	7.67
45) S	2-Fluorobiphenyl	1.519	1.757	1.580	1.582	1.572	1.548	1.357	1.559	7.53
46)	1,1'-Biphenyl	1.585	1.848	1.625	1.659	1.643	1.646	1.454	1.637	7.12
47)	2-Chloronaphth...	1.267	1.449	1.337	1.375	1.356	1.359	1.206	1.336	5.86
48)	2-Nitroaniline	0.379	0.441	0.442	0.475	0.468	0.479	0.414	0.443	8.23
49)	Acenaphthylene	1.895	2.142	1.931	2.043	1.968	1.975	1.721	1.954	6.69
50)	Dimethylphthalate	1.739	1.980	1.717	1.845	1.748	1.820	1.514	1.766	8.07
51)	2,6-Dinitrotol...	0.301	0.391	0.378	0.387	0.384	0.391	0.331	0.366	9.71
52) C	Acenaphthene	1.192	1.337	1.240	1.294	1.274	1.291	1.114	1.249	6.00
53)	3-Nitroaniline	0.292	0.376	0.361	0.391	0.395	0.400	0.337	0.365	10.68
54) P	2,4-Dinitrophenol	0.196	0.200	0.251	0.255	0.270	0.238	0.235		12.94
55)	Dibenzofuran	2.037	2.266	2.050	2.139	2.043	2.078	1.759	2.053	7.45
56) P	4-Nitrophenol	0.211	0.277	0.271	0.319	0.308	0.326	0.265	0.282	14.08
57)	2,4-Dinitrotol...	0.478	0.569	0.520	0.581	0.547	0.572	0.478	0.535	8.16
58)	Fluorene	1.584	1.841	1.591	1.738	1.662	1.695	1.442	1.650	7.73
59)	2,3,4,6-Tetrac...	0.493	0.594	0.521	0.586	0.561	0.581	0.494	0.547	8.00
60)	Diethylphthalate	1.627	1.951	1.696	1.841	1.777	1.815	1.506	1.745	8.47
61)	4-Chlorophenyl...	0.926	1.080	0.956	1.021	0.982	1.008	0.868	0.977	7.06
62)	4-Nitroaniline	0.347	0.398	0.380	0.422	0.414	0.425	0.356	0.392	8.06
63)	Azobenzene	1.499	1.738	1.534	1.641	1.584	1.600	1.349	1.564	7.80
64) I	Phenanthrene-d10	-----ISTD-----								
65)	4,6-Dinitro-2-...	0.132	0.129	0.143	0.143	0.149	0.137	0.139		5.55
66) c	n-Nitrosodiphe...	0.578	0.681	0.628	0.626	0.610	0.627	0.557	0.615	6.47
67)	4-Bromophenyl-...	0.261	0.296	0.282	0.285	0.280	0.289	0.261	0.279	4.83
68)	Hexachlorobenzene	0.284	0.331	0.306	0.312	0.304	0.308	0.280	0.304	5.70
69)	Atrazine	0.248	0.294	0.265	0.271	0.259	0.269	0.236	0.263	6.96
70) C	Pentachlorophenol	0.126	0.161	0.163	0.178	0.176	0.187	0.166	0.165	11.88
71)	Phenanthrene	1.133	1.309	1.172	1.197	1.131	1.178	1.004	1.161	7.86
72)	Anthracene	1.102	1.279	1.141	1.154	1.103	1.138	0.975	1.127	7.96
73)	Carbazole	0.980	1.111	0.985	1.020	0.983	1.026	0.863	0.995	7.44
74)	Di-n-butylphth...	1.151	1.369	1.217	1.270	1.218	1.253	1.044	1.217	8.32
75) C	Fluoranthene	1.510	1.712	1.474	1.501	1.453	1.476	1.222	1.478	9.67
76) I	Chrysene-d12	-----ISTD-----								
77)	Benzidine	0.524	0.600	0.678	0.709	0.817	0.721	0.646	0.671	13.97
78)	Pyrene	1.279	1.560	1.411	1.479	1.392	1.404	1.224	1.393	8.16
79) S	Terphenyl-d14	1.109	1.315	1.169	1.198	1.118	1.117	0.934	1.137	10.10
80)	Butylbenzylpht...	0.454	0.555	0.513	0.561	0.548	0.560	0.486	0.525	8.03
81)	Benzo(a)anthra...	1.362	1.601	1.418	1.461	1.423	1.429	1.231	1.418	7.81
82)	3,3'-Dichlorob...	0.431	0.507	0.484	0.515	0.512	0.530	0.455	0.491	7.29
83)	Chrysene	1.340	1.524	1.358	1.397	1.372	1.374	1.187	1.365	7.25
84)	Bis(2-ethylhex...	0.637	0.774	0.732	0.774	0.764	0.782	0.682	0.735	7.56
85) c	Di-n-octyl pht...	1.075	1.302	1.250	1.304	1.282	1.310	1.124	1.235	7.77

Method Path : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\

Method File : 8270-BG110420.M

86) I	Perylene-d12										
87)	Indeno(1,2,3-c...	1.373	1.635	1.502	1.574	1.531	1.598	1.413	1.518	6.35	
88)	Benzo(b)fluora...	1.292	1.487	1.335	1.408	1.370	1.407	1.259	1.365	5.68	
89)	Benzo(k)fluora...	1.236	1.486	1.358	1.377	1.333	1.370	1.176	1.334	7.57	
90) C	Benzo(a)pyrene	1.201	1.386	1.270	1.315	1.280	1.308	1.160	1.274	5.88	
91)	Dibenzo(a,h)an...	1.151	1.354	1.213	1.278	1.233	1.281	1.140	1.236	6.15	
92)	Benzo(g,h,i)pe...	1.150	1.325	1.200	1.259	1.238	1.276	1.130	1.225	5.70	

(#) = Out of Range