

Method Path : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\
 Method File : 8270-BG012121.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Thu Jan 21 14:42:53 2021
 Response Via : Initial Calibration

Calibration Files

5 =BG047946.D 10 =BG047947.D 20 =BG047948.D 40 =BG047949.D 50 =BG047950.D 60 =BG047951.D 80 =BG047952.D

	Compound	5	10	20	40	50	60	80	Avg	%RSD

1) I	1,4-Dichlorobenzen...	-----ISTD-----								
2)	1,4-Dioxane	0.760	0.747	0.600	0.523	0.551	0.561	0.500	0.606	17.44
3)	Pyridine	1.726	1.948	1.759	1.580	1.675	1.712	1.505	1.701	8.29
4)	n-Nitrosodimet...	0.890	0.994	0.838	0.796	0.842	0.869	0.745	0.853	9.20
5) S	2-Fluorophenol	1.238	1.458	1.258	1.128	1.204	1.236	1.062	1.226	10.11
6)	Aniline	2.208	2.527	2.244	2.055	2.245	2.272	1.915	2.209	8.61
7) S	Phenol-d6	1.802	2.138	1.887	1.733	1.886	1.912	1.599	1.851	9.04
8)	2-Chlorophenol	1.189	1.483	1.299	1.175	1.295	1.304	1.089	1.262	10.01
9)	Benzaldehyde	1.290	1.469	1.032	1.012	1.044	1.007		1.142	16.87
10) C	Phenol	1.775	2.001	1.803	1.601	1.775	1.795	1.519	1.753	8.85
11)	bis(2-Chloroet...	1.387	1.596	1.413	1.283	1.395	1.413	1.167	1.379	9.55
12)	1,3-Dichlorobe...	1.598	1.853	1.673	1.489	1.598	1.631	1.396	1.605	8.95
13) C	1,4-Dichlorobe...	1.645	1.866	1.638	1.486	1.609	1.631	1.393	1.610	9.16
14)	1,2-Dichlorobe...	1.685	1.809	1.570	1.408	1.522	1.529	1.296	1.545	10.95
15)	Benzyl Alcohol	1.449	1.712	1.551	1.466	1.621	1.648	1.378	1.546	7.83
16)	2,2'-oxybis(1-...	2.405	2.668	2.400	2.213	2.353	2.362	1.935	2.333	9.51
17)	2-Methylphenol	1.123	1.292	1.214	1.107	1.198	1.244	1.019	1.171	7.97
18)	Hexachloroethane	0.610	0.673	0.603	0.576	0.625	0.620	0.529	0.605	7.38
19) P	n-Nitroso-di-n...	1.280	1.486	1.330	1.234	1.359	1.382	1.099	1.310	9.36
20)	3+4-Methylphenols	1.558	1.763	1.606	1.519	1.689	1.709	1.409	1.608	7.64
21) I	Naphthalene-d8	-----ISTD-----								
22)	Acetophenone	0.604	0.673	0.582	0.522	0.590	0.620	0.541	0.590	8.46
23) S	Nitrobenzene-d5	0.406	0.500	0.436	0.411	0.478	0.506	0.447	0.455	8.96
24)	Nitrobenzene	0.420	0.491	0.459	0.406	0.478	0.509	0.452	0.459	8.05
25)	Isophorone	0.817	0.948	0.848	0.766	0.888	0.922	0.791	0.854	7.96
26) C	2-Nitrophenol	0.150	0.160	0.165	0.154	0.186	0.204	0.182	0.171	11.50
27)	2,4-Dimethylph...	0.275	0.320	0.287	0.255	0.288	0.310	0.263	0.286	8.28
28)	bis(2-Chloroet...	0.503	0.559	0.511	0.459	0.518	0.542	0.464	0.508	7.28
29) C	2,4-Dichloroph...	0.326	0.378	0.349	0.320	0.374	0.401	0.346	0.356	8.28
30)	1,2,4-Trichlor...	0.463	0.495	0.459	0.399	0.464	0.483	0.424	0.455	7.27
31)	Naphthalene	1.093	1.240	1.120	0.982	1.126	1.173	1.024	1.108	7.85
32)	Benzoic acid	0.120	0.198	0.191	0.203	0.251	0.294		0.210	28.16
33)	4-Chloroaniline	0.461	0.539	0.491	0.433	0.506	0.540	0.464	0.490	8.29
34) C	Hexachlorobuta...	0.320	0.379	0.340	0.302	0.351	0.366	0.318	0.339	8.22
35)	Caprolactam	0.120	0.136	0.140	0.120	0.142	0.151	0.130	0.134	8.51
36) C	4-Chloro-3-met...	0.347	0.420	0.393	0.369	0.424	0.441	0.381	0.396	8.44
37)	2-Methylnaphth...	0.833	0.904	0.849	0.754	0.857	0.913	0.778	0.841	7.04
38)	1-Methylnaphth...	0.750	0.868	0.803	0.702	0.814	0.849	0.726	0.787	7.99

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39) I	Acenaphthene-d10	-----ISTD-----								
40)	1,2,4,5-Tetrac...	0.733	0.869	0.771	0.675	0.784	0.802	0.711	0.763	8.39
41) P	Hexachlorocycl...	0.350	0.441	0.384	0.371	0.442	0.461	0.406	0.408	10.18
42) S	2,4,6-Tribromo...	0.266	0.330	0.322	0.290	0.349	0.362	0.322	0.320	10.31
43) C	2,4,6-Trichlor...	0.429	0.520	0.477	0.442	0.521	0.540	0.483	0.488	8.63
44)	2,4,5-Trichlor...	0.440	0.527	0.501	0.456	0.532	0.549	0.490	0.499	8.12
45) S	2-Fluorobiphenyl	1.569	1.748	1.533	1.329	1.493	1.488	1.322	1.498	9.78
46)	1,1'-Biphenyl	1.512	1.769	1.515	1.349	1.549	1.584	1.395	1.525	8.95
47)	2-Chloronaphth...	1.249	1.422	1.213	1.089	1.249	1.288	1.136	1.235	8.72
48)	2-Nitroaniline	0.344	0.427	0.409	0.395	0.479	0.506	0.458	0.431	12.70
49)	Acenaphthylene	1.917	2.239	1.961	1.719	1.980	1.992	1.752	1.937	8.91
50)	Dimethylphthalate	1.707	1.956	1.799	1.556	1.763	1.804	1.586	1.739	7.91
51)	2,6-Dinitrotol...	0.272	0.356	0.336	0.304	0.360	0.378	0.337	0.335	10.81
52) C	Acenaphthene	1.241	1.435	1.265	1.128	1.343	1.363	1.220	1.285	7.97
53)	3-Nitroaniline	0.323	0.376	0.374	0.322	0.392	0.398	0.371	0.365	8.43
54) P	2,4-Dinitrophenol	0.160	0.172	0.170	0.204	0.232	0.213	0.192		14.81
55)	Dibenzofuran	1.975	2.171	1.936	1.686	1.941	1.948	1.717	1.911	8.62
56) P	4-Nitrophenol	0.235	0.294	0.287	0.257	0.307	0.322	0.295	0.285	10.38
57)	2,4-Dinitrotol...	0.389	0.461	0.473	0.426	0.506	0.541	0.491	0.470	10.79
58)	Fluorene	1.626	1.877	1.646	1.446	1.636	1.654	1.471	1.622	8.73
59)	2,3,4,6-Tetrac...	0.432	0.563	0.526	0.467	0.552	0.576	0.513	0.519	10.15
60)	Diethylphthalate	1.648	1.910	1.763	1.525	1.734	1.777	1.580	1.705	7.67
61)	4-Chlorophenyl...	0.989	1.074	0.968	0.877	0.990	1.007	0.882	0.970	7.22
62)	4-Nitroaniline	0.349	0.438	0.406	0.360	0.421	0.435	0.406	0.402	8.66
63)	Azobenzene	1.753	1.876	1.713	1.473	1.674	1.705	1.505	1.671	8.40
64) I	Phenanthrene-d10	-----ISTD-----								
65)	4,6-Dinitro-2-...	0.091	0.088	0.089	0.111	0.119	0.107	0.101		12.96
66) c	n-Nitrosodiphe...	0.589	0.684	0.581	0.517	0.589	0.606	0.520	0.584	9.72
67)	4-Bromophenyl-...	0.263	0.305	0.259	0.233	0.273	0.284	0.240	0.265	9.44
68)	Hexachlorobenzene	0.277	0.321	0.279	0.252	0.287	0.297	0.257	0.282	8.41
69)	Atrazine	0.234	0.263	0.226	0.198	0.213	0.217	0.173	0.218	13.01
70) C	Pentachlorophenol	0.131	0.162	0.156	0.152	0.179	0.190	0.165	0.162	11.70
71)	Phenanthrene	1.098	1.296	1.098	0.954	1.087	1.092	0.947	1.082	10.75
72)	Anthracene	1.085	1.239	1.093	0.945	1.052	1.068	0.930	1.059	9.75
73)	Carbazole	0.989	1.125	1.007	0.850	0.951	0.975	0.864	0.966	9.61
74)	Di-n-butylphth...	1.139	1.318	1.229	1.028	1.150	1.163	1.023	1.150	9.10
75) C	Fluoranthene	1.555	1.701	1.538	1.268	1.395	1.380	1.242	1.440	11.53
76) I	Chrysene-d12	-----ISTD-----								
77)	Benzidine	0.616	0.510	0.523	0.472	0.437		0.512		13.18
78)	Pyrene	1.336	1.576	1.382	1.236	1.378	1.393	1.172	1.353	9.51
79) S	Terphenyl-d14	1.158	1.310	1.155	0.990	1.056	1.036	0.867	1.082	13.10
80)	Butylbenzylpht...	0.421	0.515	0.481	0.446	0.509	0.526	0.458	0.479	8.25
81)	Benzo(a)anthra...	1.398	1.612	1.409	1.237	1.381	1.406	1.225	1.381	9.35
82)	3,3'-Dichlorob...	0.464	0.530	0.477	0.431	0.493	0.507	0.442	0.478	7.37
83)	Chrysene	1.355	1.520	1.370	1.191	1.319	1.344	1.161	1.323	9.06
84)	Bis(2-ethylhex...	0.644	0.749	0.687	0.617	0.703	0.733	0.637	0.681	7.38
85) c	Di-n-octyl pht...	1.023	1.237	1.130	1.057	1.203	1.247	1.093	1.141	7.82

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86) I	Perylene-d12										
87)	Indeno(1,2,3-c...	1.487	1.696	1.575	1.428	1.543	1.593	1.392	1.530	6.79	
88)	Benzo(b)fluora...	1.321	1.481	1.384	1.229	1.357	1.360	1.182	1.331	7.48	
89)	Benzo(k)fluora...	1.309	1.474	1.357	1.212	1.272	1.314	1.108	1.292	8.86	
90) C	Benzo(a)pyrene	1.253	1.386	1.297	1.164	1.271	1.286	1.117	1.253	7.09	
91)	Dibenzo(a,h)an...	1.225	1.399	1.283	1.160	1.256	1.293	1.123	1.248	7.31	
92)	Benzo(g,h,i)pe...	1.197	1.366	1.246	1.130	1.234	1.263	1.106	1.220	7.15	

(#) = Out of Range