

Method Path : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\
 Method File : 8270-BG041421.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Tue Apr 20 17:33:30 2021
 Response Via : Initial Calibration

Calibration Files

5 =BG048697.D 10 =BG048691.D 20 =BG048692.D 40 =BG048693.D 50 =BG048694.D 60 =BG048695.D 80 =BG048696.D

	Compound	5	10	20	40	50	60	80	Avg	%RSD

1) I	1,4-Dichlorobenzen...	-----ISTD-----								
2)	1,4-Dioxane	0.450	0.514	0.489	0.475	0.443	0.466	0.442	0.469	5.69
3)	Pyridine	1.075	1.211	1.400	1.289	1.201	1.201	1.172	1.221	8.28
4)	n-Nitrosodimet...	0.869	0.925	0.992	0.965	0.867	0.957	0.952	0.932	5.15
5) S	2-Fluorophenol	1.077	1.327	1.245	1.176	1.127	1.210	1.209	1.196	6.77
6)	Aniline	1.875	2.048	1.868	1.979	1.797	1.887	1.836	1.898	4.54
7) S	Phenol-d6	1.577	1.842	1.745	1.708	1.584	1.719	1.663	1.691	5.50
8)	2-Chlorophenol	1.226	1.404	1.339	1.248	1.193	1.236	1.234	1.269	5.88
9)	Benzaldehyde	1.214	1.363	1.163	1.080	0.956	0.948		1.121	14.27
10) C	Phenol	1.685	1.805	1.733	1.648	1.510	1.634	1.628	1.663	5.55
11)	bis(2-Chloroet...	1.050	1.273	1.170	1.097	1.045	1.127	1.085	1.121	7.13
12)	1,3-Dichlorobe...	1.522	1.539	1.473	1.413	1.383	1.446	1.434	1.459	3.89
13) C	1,4-Dichlorobe...	1.433	1.679	1.530	1.479	1.339	1.513	1.432	1.486	7.13
14)	1,2-Dichlorobe...	1.169	1.568	1.486	1.385	1.272	1.381	1.339	1.371	9.60
15)	Benzyl Alcohol	1.428	1.539	1.578	1.541	1.382	1.519	1.446	1.490	4.82
16)	2,2'-oxybis(1-...	1.249	1.260	1.246	1.250	1.131	1.209	1.160	1.215	4.19
17)	2-Methylphenol	1.005	1.133	1.091	1.087	1.010	1.074	1.032	1.062	4.47
18)	Hexachloroethane	0.592	0.682	0.593	0.591	0.525	0.570	0.533	0.584	8.87
19) P	n-Nitroso-di-n...	1.050	1.207	1.210	1.139	1.083	1.174	1.126	1.141	5.31
20)	3+4-Methylphenols	1.345	1.515	1.550	1.505	1.369	1.495	1.476	1.465	5.28
21) I	Naphthalene-d8	-----ISTD-----								
22)	Acetophenone	0.501	0.542	0.555	0.503	0.508	0.490	0.545	0.521	4.97
23) S	Nitrobenzene-d5	0.426	0.457	0.488	0.445	0.430	0.423	0.457	0.447	5.12
24)	Nitrobenzene	0.431	0.447	0.462	0.443	0.441	0.431	0.464	0.446	2.99
25)	Isophorone	0.757	0.840	0.837	0.788	0.760	0.748	0.800	0.790	4.79
26) C	2-Nitrophenol	0.205	0.182	0.197	0.195	0.185	0.188	0.199	0.193	4.27
27)	2,4-Dimethylph...	0.294	0.308	0.314	0.291	0.284	0.281	0.304	0.296	4.22
28)	bis(2-Chloroet...	0.328	0.357	0.362	0.343	0.330	0.333	0.356	0.344	4.09
29) C	2,4-Dichloroph...	0.311	0.335	0.353	0.332	0.337	0.327	0.344	0.334	3.98
30)	1,2,4-Trichlor...	0.395	0.407	0.402	0.371	0.376	0.363	0.399	0.388	4.45
31)	Naphthalene	0.986	1.026	1.101	1.031	1.003	0.986	1.050	1.026	3.95
32)	Benzoic acid		0.145	0.156	0.176	0.180	0.184	0.202	0.174	11.75
33)	4-Chloroaniline	0.394	0.431	0.459	0.432	0.419	0.410	0.444	0.427	5.12
34) C	Hexachlorobuta...	0.291	0.274	0.292	0.295	0.287	0.274	0.302	0.288	3.64
35)	Caprolactam	0.111	0.118	0.120	0.112	0.114	0.105	0.117	0.114	4.43
36) C	4-Chloro-3-met...	0.347	0.392	0.430	0.368	0.365	0.359	0.391	0.379	7.39
37)	2-Methylnaphth...	0.773	0.861	0.883	0.808	0.787	0.778	0.850	0.820	5.41
38)	1-Methylnaphth...	0.740	0.812	0.803	0.750	0.740	0.729	0.767	0.763	4.28

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39) I	Acenaphthene-d10	-----ISTD-----								
40)	1,2,4,5-Tetrac...	0.653	0.623	0.692	0.669	0.642	0.616	0.663	0.651	4.10
41) P	Hexachlorocycl...	0.206	0.266	0.325	0.325	0.343	0.362	0.304		19.08
42) S	2,4,6-Tribromo...	0.247	0.259	0.284	0.275	0.264	0.269	0.279	0.268	4.73
43) C	2,4,6-Trichlor...	0.387	0.442	0.434	0.455	0.433	0.436	0.455	0.434	5.30
44)	2,4,5-Trichlor...	0.436	0.449	0.478	0.477	0.460	0.456	0.474	0.461	3.45
45) S	2-Fluorobiphenyl	1.320	1.411	1.482	1.407	1.344	1.336	1.395	1.385	4.06
46)	1,1'-Biphenyl	1.448	1.479	1.555	1.509	1.424	1.440	1.485	1.477	3.05
47)	2-Chloronaphth...	1.047	1.129	1.229	1.150	1.106	1.115	1.124	1.128	4.84
48)	2-Nitroaniline	0.340	0.403	0.436	0.443	0.398	0.408	0.410	0.406	8.26
49)	Acenaphthylene	1.704	1.778	1.868	1.799	1.698	1.706	1.770	1.761	3.56
50)	Dimethylphthalate	1.401	1.533	1.592	1.540	1.472	1.471	1.492	1.500	4.09
51)	2,6-Dinitrotol...	0.325	0.326	0.359	0.363	0.345	0.344	0.361	0.346	4.65
52) C	Acenaphthene	1.056	1.100	1.189	1.165	1.076	1.103	1.137	1.118	4.27
53)	3-Nitroaniline	0.331	0.334	0.334	0.332	0.337	0.329	0.330	0.332	0.84
54) P	2,4-Dinitrophenol	0.125	0.156	0.200	0.189	0.203	0.210	0.180		18.31
55)	Dibenzofuran	1.763	1.856	1.968	1.920	1.799	1.812	1.836	1.851	3.86
56) P	4-Nitrophenol	0.194	0.258	0.240	0.262	0.252	0.253	0.265	0.246	9.99
57)	2,4-Dinitrotol...	0.456	0.491	0.543	0.522	0.500	0.495	0.511	0.503	5.38
58)	Fluorene	1.439	1.594	1.628	1.554	1.451	1.461	1.512	1.520	4.89
59)	2,3,4,6-Tetrac...	0.378	0.404	0.445	0.449	0.427	0.446	0.440	0.427	6.23
60)	Diethylphthalate	1.506	1.536	1.656	1.574	1.535	1.524	1.533	1.552	3.24
61)	4-Chlorophenyl...	0.814	0.840	0.854	0.849	0.800	0.841	0.853	0.836	2.50
62)	4-Nitroaniline	0.311	0.416	0.383	0.352	0.339	0.337	0.348	0.355	9.71
63)	Azobenzene	1.531	1.599	1.693	1.583	1.502	1.503	1.529	1.563	4.38
64) I	Phenanthrene-d10	-----ISTD-----								
65)	4,6-Dinitro-2-...	0.104	0.135	0.141	0.142	0.133	0.139	0.144	0.134	10.22
66) c	n-Nitrosodiphe...	0.553	0.576	0.602	0.564	0.546	0.546	0.569	0.565	3.52
67)	4-Bromophenyl-...	0.249	0.242	0.240	0.217	0.218	0.216	0.231	0.230	5.91
68)	Hexachlorobenzene	0.225	0.232	0.241	0.234	0.229	0.225	0.247	0.233	3.50
69)	Atrazine	0.232	0.260	0.259	0.230	0.219	0.222	0.223	0.235	7.33
70) C	Pentachlorophenol	0.110	0.109	0.122	0.125	0.137	0.141	0.124		10.73
71)	Phenanthrene	1.001	1.111	1.105	1.026	0.987	0.994	1.043	1.038	4.96
72)	Anthracene	1.041	1.093	1.061	1.015	0.984	0.978	1.018	1.027	4.00
73)	Carbazole	1.024	1.042	1.042	0.961	0.925	0.926	0.967	0.984	5.26
74)	Di-n-butylphth...	1.065	1.211	1.170	1.070	1.053	1.050	1.103	1.103	5.73
75) C	Fluoranthene	1.311	1.400	1.407	1.280	1.253	1.249	1.288	1.313	5.01
76) I	Chrysene-d12	-----ISTD-----								
77)	Benzidine	0.532	0.375	0.576	0.662	0.523	0.571	0.563	0.543	15.98
78)	Pyrene	1.306	1.371	1.434	1.420	1.357	1.373	1.425	1.384	3.31
79) S	Terphenyl-d14	1.161	1.219	1.205	1.166	1.120	1.112	1.151	1.162	3.41
80)	Butylbenzylpht...	0.485	0.561	0.570	0.546	0.521	0.540	0.566	0.541	5.58
81)	Benzo(a)anthra...	1.324	1.433	1.418	1.381	1.312	1.327	1.371	1.367	3.49
82)	3,3'-Dichlorob...	0.422	0.540	0.492	0.474	0.442	0.446	0.465	0.469	8.29
83)	Chrysene	1.266	1.339	1.374	1.322	1.234	1.262	1.315	1.302	3.80
84)	Bis(2-ethylhex...	0.713	0.766	0.774	0.772	0.740	0.760	0.778	0.757	3.07
85) c	Di-n-octyl pht...	1.251	1.274	1.350	1.316	1.223	1.278	1.335	1.290	3.57

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86) I	Perylene-d12										
87)	Indeno(1,2,3-c...	1.578	1.507	1.531	1.454	1.377	1.376	1.459	1.469	5.17	
88)	Benzo(b)fluora...	1.318	1.349	1.434	1.359	1.355	1.315	1.367	1.357	2.92	
89)	Benzo(k)fluora...	1.286	1.344	1.338	1.265	1.207	1.208	1.284	1.276	4.30	
90) C	Benzo(a)pyrene	1.277	1.259	1.325	1.240	1.203	1.194	1.250	1.250	3.56	
91)	Dibenzo(a,h)an...	1.431	1.264	1.333	1.229	1.169	1.166	1.227	1.260	7.52	
92)	Benzo(g,h,i)pe...	1.446	1.243	1.283	1.217	1.152	1.142	1.223	1.244	8.21	

(#) = Out of Range