

Method Path : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\
 Method File : 8270-BG121720.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Thu Dec 17 15:55:16 2020
 Response Via : Initial Calibration

Calibration Files

5 =BG047760.D 10 =BG047761.D 20 =BG047762.D 40 =BG047763.D 50 =BG047764.D 60 =BG047765.D 80 =BG047766.D

Compound	5	10	20	40	50	60	80	Avg	%RSD

1) I 1,4-Dichlorobenzen...	-----ISTD-----								
2) 1,4-Dioxane	0.635	0.570	0.470	0.389	0.500	0.486	0.427	0.497	16.76
3) Pyridine	1.163	1.408	1.290	1.122	1.426	1.392	1.173	1.282	10.10
4) n-Nitrosodimet...	0.908	1.193	1.046	0.883	1.072	1.063	0.936	1.014	10.90
5) S 2-Fluorophenol	1.201	1.268	1.190	0.970	1.220	1.203	1.042	1.156	9.32
6) Aniline	1.895	2.169	1.849	1.561	1.979	1.966	1.703	1.875	10.56
7) S Phenol-d6	1.620	1.851	1.753	1.457	1.771	1.829	1.549	1.690	8.86
8) 2-Chlorophenol	1.130	1.277	1.241	1.005	1.255	1.260	1.082	1.178	9.01
9) Benzaldehyde	1.247	1.296	1.183	0.879	1.019	1.020		1.108	14.46
10) C Phenol	1.461	1.678	1.607	1.331	1.634	1.630	1.385	1.532	8.98
11) bis(2-Chloroet...	1.056	1.260	1.192	0.905	1.146	1.123	0.961	1.092	11.58
12) 1,3-Dichlorobe...	1.735	1.685	1.670	1.351	1.631	1.653	1.395	1.589	9.52
13) C 1,4-Dichlorobe...	1.591	1.841	1.667	1.325	1.624	1.651	1.414	1.587	10.76
14) 1,2-Dichlorobe...	1.610	1.630	1.553	1.239	1.533	1.539	1.344	1.493	9.72
15) Benzyl Alcohol	1.283	1.603	1.584	1.312	1.623	1.658	1.418	1.497	10.46
16) 2,2'-oxybis(1-...	1.192	1.209	1.105	0.895	1.098	1.132	0.961	1.085	10.72
17) 2-Methylphenol	1.170	1.194	1.100	0.900	1.095	1.148	0.961	1.081	10.19
18) Hexachloroethane	0.645	0.684	0.629	0.539	0.644	0.653	0.562	0.622	8.38
19) P n-Nitroso-di-n...	1.252	1.310	1.215	0.992	1.200	1.205	1.058	1.176	9.45
20) 3+4-Methylphenols	1.584	1.568	1.481	1.246	1.565	1.563	1.362	1.481	8.77
21) I Naphthalene-d8	-----ISTD-----								
22) Acetophenone	0.552	0.626	0.586	0.503	0.588	0.612	0.539	0.572	7.56
23) S Nitrobenzene-d5	0.547	0.601	0.538	0.480	0.560	0.576	0.504	0.544	7.63
24) Nitrobenzene	0.527	0.552	0.516	0.450	0.529	0.540	0.480	0.513	7.01
25) Isophorone	0.790	0.882	0.822	0.718	0.883	0.868	0.777	0.820	7.59
26) C 2-Nitrophenol	0.182	0.232	0.192	0.181	0.216	0.217	0.201	0.203	9.49
27) 2,4-Dimethylph...	0.306	0.320	0.294	0.251	0.292	0.322	0.262	0.292	9.29
28) bis(2-Chloroet...	0.448	0.461	0.437	0.356	0.442	0.438	0.386	0.424	8.93
29) C 2,4-Dichloroph...	0.379	0.415	0.374	0.332	0.396	0.410	0.358	0.381	7.68
30) 1,2,4-Trichlor...	0.456	0.565	0.483	0.446	0.504	0.514	0.451	0.488	8.79
31) Naphthalene	1.037	1.261	1.125	0.980	1.134	1.144	1.013	1.099	8.74
32) Benzoic acid		0.320	0.035	0.074	0.113	0.176	0.203	0.153	66.90
33) 4-Chloroaniline	0.419	0.513	0.485	0.424	0.497	0.482	0.450	0.467	7.85
34) C Hexachlorobuta...	0.422	0.484	0.438	0.378	0.451	0.450	0.392	0.431	8.46
35) Caprolactam	0.127	0.136	0.112	0.104	0.128	0.127	0.113	0.121	9.58
36) C 4-Chloro-3-met...	0.394	0.442	0.427	0.371	0.437	0.444	0.397	0.416	6.86
37) 2-Methylnaphth...	0.801	0.979	0.856	0.750	0.897	0.894	0.793	0.853	9.15
38) 1-Methylnaphth...	0.848	0.872	0.830	0.709	0.807	0.828	0.748	0.806	7.14

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39) I	Acenaphthene-d10	-----ISTD-----								
40)	1,2,4,5-Tetrac...	0.807	0.940	0.847	0.740	0.815	0.843	0.753	0.821	8.12
41) P	Hexachlorocycl...	0.318	0.421	0.449	0.443	0.487	0.525	0.468	0.444	14.63
42) S	2,4,6-Tribromo...	0.312	0.347	0.341	0.316	0.355	0.378	0.340	0.341	6.63
43) C	2,4,6-Trichlor...	0.504	0.570	0.507	0.476	0.546	0.570	0.498	0.524	7.13
44)	2,4,5-Trichlor...	0.492	0.539	0.522	0.477	0.530	0.578	0.495	0.519	6.56
45) S	2-Fluorobiphenyl	1.546	1.751	1.598	1.414	1.526	1.590	1.395	1.546	7.80
46)	1,1'-Biphenyl	1.510	1.753	1.571	1.386	1.495	1.576	1.393	1.526	8.22
47)	2-Chloronaphth...	1.232	1.354	1.249	1.166	1.237	1.306	1.141	1.241	5.97
48)	2-Nitroaniline	0.376	0.518	0.472	0.424	0.478	0.501	0.441	0.459	10.61
49)	Acenaphthylene	1.802	2.089	1.862	1.700	1.838	1.918	1.683	1.842	7.50
50)	Dimethylphthalate	1.709	1.946	1.734	1.570	1.737	1.797	1.574	1.724	7.54
51)	2,6-Dinitrotol...	0.367	0.371	0.351	0.317	0.356	0.367	0.324	0.350	6.19
52) C	Acenaphthene	1.184	1.346	1.340	1.217	1.343	1.414	1.249	1.299	6.40
53)	3-Nitroaniline	0.292	0.400	0.337	0.323	0.359	0.384	0.337	0.347	10.58
54) P	2,4-Dinitrophenol	0.172	0.222	0.213	0.239	0.259	0.243	0.225		13.56
55)	Dibenzofuran	1.905	2.088	1.930	1.693	1.889	1.958	1.721	1.883	7.28
56) P	4-Nitrophenol	0.207	0.248	0.247	0.234	0.283	0.283	0.251	0.250	10.72
57)	2,4-Dinitrotol...	0.514	0.577	0.521	0.464	0.525	0.557	0.490	0.521	7.30
58)	Fluorene	1.599	1.854	1.645	1.425	1.584	1.647	1.443	1.600	9.00
59)	2,3,4,6-Tetrac...	0.459	0.574	0.546	0.484	0.551	0.573	0.523	0.530	8.29
60)	Diethylphthalate	1.622	1.829	1.691	1.497	1.703	1.739	1.554	1.662	6.79
61)	4-Chlorophenyl...	0.947	1.103	1.057	0.913	1.017	1.065	0.954	1.008	7.08
62)	4-Nitroaniline	0.325	0.433	0.402	0.355	0.389	0.405	0.365	0.382	9.47
63)	Azobenzene	1.523	1.744	1.558	1.402	1.592	1.625	1.404	1.550	7.86
64) I	Phenanthrene-d10	-----ISTD-----								
65)	4,6-Dinitro-2-...	0.125	0.117	0.115	0.142	0.141	0.127	0.128		8.93
66) c	n-Nitrosodiphe...	0.574	0.630	0.572	0.504	0.592	0.603	0.530	0.572	7.50
67)	4-Bromophenyl-...	0.253	0.299	0.270	0.241	0.276	0.291	0.251	0.269	7.94
68)	Hexachlorobenzene	0.289	0.309	0.291	0.259	0.299	0.315	0.278	0.292	6.49
69)	Atrazine	0.250	0.265	0.246	0.211	0.252	0.247	0.212	0.240	8.67
70) C	Pentachlorophenol	0.061	0.108	0.123	0.139	0.178	0.187	0.133		35.04#
71)	Phenanthrene	1.055	1.242	1.096	0.929	1.119	1.127	0.979	1.078	9.58
72)	Anthracene	1.075	1.158	1.058	0.903	1.080	1.094	0.951	1.045	8.41
73)	Carbazole	0.931	1.022	0.920	0.776	0.961	0.964	0.833	0.915	9.15
74)	Di-n-butylphth...	1.036	1.193	1.088	0.947	1.148	1.151	0.988	1.079	8.53
75) C	Fluoranthene	1.448	1.670	1.469	1.241	1.495	1.508	1.287	1.446	9.95
76) I	Chrysene-d12	-----ISTD-----								
77)	Benzidine	0.593	0.560	0.516	0.521	0.531	0.580	0.464	0.538	8.21
78)	Pyrene	1.426	1.593	1.456	1.235	1.480	1.504	1.335	1.433	8.16
79) S	Terphenyl-d14	1.193	1.400	1.237	1.056	1.243	1.275	1.093	1.214	9.51
80)	Butylbenzylpht...	0.424	0.556	0.502	0.431	0.525	0.532	0.469	0.491	10.45
81)	Benzo(a)anthra...	1.405	1.632	1.452	1.263	1.468	1.518	1.318	1.437	8.57
82)	3,3'-Dichlorob...	0.478	0.568	0.512	0.453	0.512	0.548	0.469	0.506	8.31
83)	Chrysene	1.327	1.571	1.366	1.179	1.365	1.436	1.252	1.357	9.32
84)	Bis(2-ethylhex...	0.625	0.742	0.679	0.599	0.701	0.738	0.657	0.677	8.03
85) c	Di-n-octyl pht...	1.052	1.266	1.165	1.015	1.194	1.249	1.097	1.148	8.42

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86) I	Perylene-d12										
87)	Indeno(1,2,3-c...	1.438	1.667	1.529	1.357	1.596	1.623	1.420	1.519		7.66
88)	Benzo(b)fluora...	1.289	1.506	1.359	1.235	1.454	1.504	1.306	1.379		7.95
89)	Benzo(k)fluora...	1.331	1.540	1.353	1.168	1.393	1.380	1.192	1.337		9.48
90) C	Benzo(a)pyrene	1.208	1.422	1.296	1.135	1.350	1.379	1.192	1.283		8.36
91)	Dibenzo(a,h)an...	1.156	1.365	1.245	1.093	1.298	1.306	1.149	1.230		8.09
92)	Benzo(g,h,i)pe...	1.144	1.319	1.215	1.070	1.275	1.279	1.121	1.203		7.77

(#) = Out of Range