

Method Path : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\
 Method File : 8270-BG102720.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Tue Oct 27 02:55:38 2020
 Response Via : Initial Calibration

Calibration Files

5 =BG047076.D 10 =BG047077.D 20 =BG047078.D 40 =BG047079.D 50 =BG047080.D 60 =BG047081.D 80 =BG047082.D

Compound	5	10	20	40	50	60	80	Avg	%RSD

1) I 1,4-Dichlorobenzen...	-----ISTD-----								
2) 1,4-Dioxane	0.574	0.584	0.549	0.434	0.469	0.484	0.474	0.510	11.43
3) Pyridine	1.389	1.621	1.478	1.332	1.336	1.279	1.249	1.383	9.30
4) n-Nitrosodimet...	0.737	0.816	0.743	0.668	0.742	0.722	0.703	0.733	6.19
5) S 2-Fluorophenol	1.142	1.294	1.169	1.022	1.105	1.086	1.080	1.128	7.69
6) Aniline	1.875	2.160	1.961	1.803	1.939	1.927	1.832	1.928	6.09
7) S Phenol-d6	1.523	1.770	1.667	1.554	1.680	1.639	1.588	1.632	5.15
8) 2-Chlorophenol	1.306	1.328	1.239	1.087	1.163	1.154	1.120	1.199	7.73
9) Benzaldehyde		1.179	1.019	0.792	0.827	0.754		0.914	19.67
10) C Phenol	1.446	1.769	1.578	1.434	1.581	1.519	1.460	1.541	7.61
11) bis(2-Chloroet...	1.219	1.380	1.229	1.121	1.178	1.203	1.157	1.212	6.83
12) 1,3-Dichlorobe...	1.623	1.723	1.551	1.414	1.471	1.472	1.446	1.529	7.23
13) C 1,4-Dichlorobe...	1.640	1.717	1.556	1.420	1.501	1.510	1.458	1.543	6.73
14) 1,2-Dichlorobe...	1.554	1.647	1.498	1.351	1.416	1.396	1.379	1.463	7.35
15) Benzyl Alcohol	1.080	1.316	1.308	1.236	1.359	1.336	1.268	1.272	7.39
16) 2,2'-oxybis(1-...	2.055	2.171	1.954	1.766	1.857	1.861	1.769	1.919	7.85
17) 2-Methylphenol	1.032	1.178	1.086	0.988	1.098	1.033	0.999	1.059	6.28
18) Hexachloroethane	0.622	0.677	0.594	0.522	0.542	0.553	0.537	0.578	9.69
19) P n-Nitroso-di-n...	1.103	1.218	1.117	1.062	1.150	1.113	1.017	1.111	5.72
20) 3+4-Methylphenols	1.272	1.545	1.466	1.405	1.473	1.447	1.391	1.428	5.99
21) I Naphthalene-d8	-----ISTD-----								
22) Acetophenone	0.576	0.599	0.529	0.481	0.528	0.519	0.539	0.539	7.14
23) S Nitrobenzene-d5	0.425	0.465	0.417	0.375	0.411	0.411	0.420	0.418	6.36
24) Nitrobenzene	0.447	0.506	0.433	0.379	0.423	0.419	0.428	0.434	8.79
25) Isophorone	0.763	0.821	0.745	0.684	0.744	0.724	0.747	0.747	5.52
26) C 2-Nitrophenol	0.176	0.194	0.181	0.173	0.197	0.192	0.204	0.188	6.25
27) 2,4-Dimethylph...	0.250	0.272	0.255	0.238	0.261	0.260	0.263	0.257	4.27
28) bis(2-Chloroet...	0.498	0.508	0.452	0.420	0.453	0.445	0.453	0.461	6.67
29) C 2,4-Dichloroph...	0.327	0.381	0.359	0.329	0.357	0.360	0.365	0.354	5.48
30) 1,2,4-Trichlor...	0.469	0.478	0.442	0.393	0.418	0.417	0.435	0.436	6.90
31) Naphthalene	1.112	1.177	1.034	0.929	1.015	1.012	1.045	1.046	7.56
32) Benzoic acid		0.134	0.175	0.202	0.227	0.249	0.232	0.203	21.06
33) 4-Chloroaniline	0.454	0.480	0.455	0.423	0.455	0.454	0.462	0.455	3.70
34) C Hexachlorobuta...	0.337	0.373	0.327	0.289	0.313	0.316	0.334	0.327	7.87
35) Caprolactam	0.113	0.121	0.114	0.117	0.119	0.115	0.125	0.118	3.55
36) C 4-Chloro-3-met...	0.360	0.400	0.363	0.339	0.364	0.371	0.373	0.367	4.96
37) 2-Methylnaphth...	0.838	0.912	0.809	0.729	0.798	0.789	0.810	0.812	6.80
38) 1-Methylnaphth...	0.816	0.888	0.753	0.701	0.751	0.723	0.758	0.770	8.18

Method Path : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\										
Method File : 8270-BG102720.M										
39) I	Acenaphthene-d10	-----ISTD-----								
40)	1,2,4,5-Tetrac...	0.769	0.811	0.741	0.637	0.704	0.722	0.730	0.731	7.40
41) P	Hexachlorocycl...	0.332	0.424	0.398	0.362	0.409	0.430	0.438	0.399	9.73
42) S	2,4,6-Tribromo...	0.323	0.336	0.317	0.299	0.312	0.321	0.337	0.321	4.21
43) C	2,4,6-Trichlor...	0.463	0.520	0.466	0.436	0.477	0.480	0.492	0.476	5.49
44)	2,4,5-Trichlor...	0.477	0.508	0.491	0.442	0.476	0.496	0.498	0.484	4.48
45) S	2-Fluorobiphenyl	1.560	1.614	1.429	1.249	1.336	1.351	1.362	1.415	9.20
46)	1,1'-Biphenyl	1.619	1.667	1.535	1.343	1.463	1.481	1.490	1.514	7.05
47)	2-Chloronaphth...	1.292	1.438	1.264	1.097	1.196	1.212	1.226	1.246	8.40
48)	2-Nitroaniline	0.378	0.417	0.405	0.386	0.408	0.414	0.436	0.406	4.78
49)	Acenaphthylene	1.919	2.052	1.817	1.615	1.734	1.758	1.773	1.810	7.77
50)	Dimethylphthalate	1.793	1.828	1.640	1.513	1.563	1.582	1.614	1.647	7.19
51)	2,6-Dinitrotol...	0.353	0.364	0.345	0.322	0.332	0.339	0.350	0.344	3.99
52) C	Acenaphthene	1.253	1.274	1.186	1.066	1.142	1.167	1.180	1.181	5.88
53)	3-Nitroaniline	0.311	0.361	0.343	0.328	0.342	0.344	0.362	0.341	5.21
54) P	2,4-Dinitrophenol		0.212	0.204	0.216	0.228	0.237	0.263	0.227	9.44
55)	Dibenzofuran	2.014	2.142	1.933	1.718	1.784	1.822	1.859	1.896	7.67
56) P	4-Nitrophenol	0.208	0.276	0.254	0.273	0.268	0.278	0.313	0.267	11.86
57)	2,4-Dinitrotol...	0.456	0.517	0.490	0.476	0.486	0.495	0.536	0.494	5.30
58)	Fluorene	1.661	1.692	1.523	1.404	1.447	1.468	1.519	1.530	7.07
59)	2,3,4,6-Tetrac...	0.532	0.548	0.510	0.477	0.493	0.508	0.529	0.514	4.73
60)	Diethylphthalate	1.754	1.791	1.646	1.543	1.543	1.574	1.644	1.642	6.04
61)	4-Chlorophenyl...	0.955	0.991	0.913	0.848	0.874	0.889	0.921	0.913	5.35
62)	4-Nitroaniline	0.326	0.363	0.373	0.356	0.368	0.367	0.414	0.367	7.08
63)	Azobenzene	1.577	1.586	1.466	1.354	1.376	1.402	1.451	1.459	6.34
64) I	Phenanthrene-d10	-----ISTD-----								
65)	4,6-Dinitro-2-...	0.101	0.122	0.125	0.113	0.131	0.132	0.138	0.123	10.17
66) c	n-Nitrosodiphe...	0.592	0.652	0.582	0.508	0.571	0.555	0.557	0.574	7.58
67)	4-Bromophenyl-...	0.281	0.295	0.261	0.231	0.259	0.260	0.256	0.263	7.65
68)	Hexachlorobenzene	0.292	0.318	0.275	0.244	0.275	0.268	0.272	0.278	8.14
69)	Atrazine	0.249	0.269	0.238	0.217	0.226	0.224	0.231	0.236	7.48
70) C	Pentachlorophenol	0.141	0.170	0.158	0.149	0.168	0.169	0.177	0.162	7.98
71)	Phenanthrene	1.135	1.221	1.090	0.945	1.041	1.012	1.033	1.068	8.43
72)	Anthracene	1.143	1.186	1.064	0.925	1.008	0.992	1.010	1.047	8.68
73)	Carbazole	0.963	1.050	0.936	0.836	0.905	0.888	0.937	0.931	7.19
74)	Di-n-butylphth...	1.211	1.326	1.167	1.033	1.093	1.078	1.147	1.151	8.46
75) C	Fluoranthene	1.495	1.549	1.397	1.216	1.318	1.286	1.350	1.373	8.52
76) I	Chrysene-d12	-----ISTD-----								
77)	Benzidine	0.500	0.541	0.411	0.453	0.452	0.440	0.402	0.457	10.71
78)	Pyrene	1.304	1.412	1.315	1.182	1.252	1.246	1.214	1.275	5.98
79) S	Terphenyl-d14	1.142	1.176	1.078	0.946	0.979	0.961	0.919	1.029	9.97
80)	Butylbenzylpht...	0.469	0.543	0.485	0.449	0.488	0.493	0.494	0.489	5.89
81)	Benzo(a)anthra...	1.406	1.461	1.331	1.181	1.268	1.264	1.263	1.310	7.33
82)	3,3'-Dichlorob...	0.466	0.533	0.490	0.438	0.468	0.472	0.459	0.475	6.25
83)	Chrysene	1.322	1.386	1.274	1.139	1.219	1.198	1.194	1.248	6.81
84)	Bis(2-ethylhex...	0.690	0.762	0.681	0.630	0.678	0.682	0.698	0.689	5.65
85) c	Di-n-octyl pht...	1.147	1.278	1.162	1.067	1.143	1.154	1.151	1.158	5.34

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

Method File : 8270-BG102720.M

86) I	Perylene-d12										
87)	Indeno(1,2,3-c...	1.482	1.599	1.457	1.319	1.430	1.453	1.483	1.460	5.67	
88)	Benzo(b)fluora...	1.366	1.427	1.288	1.207	1.258	1.288	1.315	1.307	5.50	
89)	Benzo(k)fluora...	1.318	1.403	1.313	1.123	1.246	1.241	1.241	1.269	6.88	
90) C	Benzo(a)pyrene	1.260	1.334	1.236	1.101	1.191	1.206	1.222	1.222	5.79	
91)	Dibenzo(a,h)an...	1.225	1.300	1.191	1.065	1.156	1.176	1.189	1.186	5.98	
92)	Benzo(g,h,i)pe...	1.234	1.280	1.178	1.063	1.150	1.158	1.190	1.179	5.79	

(#) = Out of Range