

Method Path : S:\HPCHEM1\BNA_L\method\
 Method File : BL072512.M
 Title : SW-846 Method 8270
 Last Update : Thu Jul 26 11:02:15 2012
 Response Via : Initial Calibration

Calibration Files

50 =BL000647.D 160 =BL000641.D 10 =BL000643.D 20 =BL000644.D 80 =BL000645.D
 120 =BL000646.D

Compound		50	160	10	20	80	120	Avg	%RSD

1) I	1,4-Dichlorobenzen...	-----ISTD-----							
2) T	1,4-Dioxane						0.000#	-1.00	
3) T	N-Nitrosodimet...	1.326	1.189	1.237	1.362	1.319	1.282	1.286	4.94
4) T	Pyridine	2.059	1.883	1.733	2.065	2.044	1.992	1.963	6.69
5) S	2-Fluorophenol	1.304	1.124	1.272	1.361	1.261	1.200	1.254	6.58
6) T	Benzaldehyde	0.568		0.099	0.247	0.329	0.201	0.289	61.25
7) T	Aniline	1.979	1.743	1.834	2.015	1.893	1.769	1.872	5.90
8) T	bis(2-Chloroet...	1.292	1.140	1.302	1.346	1.260	1.189	1.255	6.11
9) S	Phenol-d5	1.544	1.258	1.466	1.566	1.473	1.384	1.448	7.83
10) MC	Phenol	1.811	1.413	1.742	1.865	1.685	1.539	1.675	10.21
11) M	2-Chlorophenol	1.103	0.897	1.067	1.144	1.034	0.967	1.035	8.78
12) T	1,3-Dichlorobe...	1.092	0.935	1.123	1.140	1.025	0.972	1.048	8.02
13) MC	1,4-Dichlorobe...	1.087	0.911	1.128	1.162	1.017	0.980	1.047	9.09
14) T	1,2-Dichlorobe...	1.013	0.819	1.025	1.068	0.939	0.884	0.958	9.89
15) T	Benzyl alcohol	0.734	0.581	0.659	0.724	0.693	0.633	0.671	8.69
16) T	2,2-oxybis(1-c...	2.034	1.715	2.048	2.149	1.940	1.774	1.943	8.69
17) T	2-Methylphenol	1.015	0.828	0.985	1.068	0.975	0.905	0.963	8.82
18) T	Acetophenone	1.151		1.186	1.263	1.062	0.977	1.128	9.87
19) T	Hexachloroethane	0.424	0.369	0.422	0.439	0.400	0.381	0.406	6.73
20) MP	N-Nitroso-di-n...	0.748	0.670	0.751	0.811	0.708	0.657	0.724	7.95
21) T	4-Methylphenol	0.961	0.814	0.963	1.046	0.856	0.771	0.902	11.64

22) I	Naphthalene-d8	-----ISTD-----							
23) S	Nitrobenzene-d5	0.311	0.280	0.311	0.322	0.312	0.291	0.304	5.13
24) T	Nitrobenzene	0.331	0.284	0.322	0.338	0.319	0.299	0.316	6.38
25) T	Isophorone	0.632	0.563	0.621	0.647	0.612	0.571	0.608	5.52
26) TC	2-Nitrophenol	0.172	0.152	0.151	0.164	0.163	0.158	0.160	4.99
27) T	2,4-Dimethylph...	0.252	0.217	0.249	0.263	0.243	0.229	0.242	6.87
28) T	Benzoic Acid	0.197		0.104	0.146	0.203	0.196	0.169	25.49
29) T	bis(2-Chloroet...	0.380	0.324	0.377	0.390	0.366	0.338	0.362	7.20
30) TC	2,4-Dichloroph...	0.211	0.175	0.191	0.207	0.202	0.184	0.195	7.14
31) T	2,6-Dichloroph...						0.000#	-1.00	
32) M	1,2,4-Trichlor...	0.227	0.187	0.225	0.231	0.216	0.203	0.215	7.82
33) T	Naphthalene	0.724	0.579	0.766	0.772	0.672	0.625	0.690	11.29
34) T	4-Chloroaniline	0.319	0.273	0.274	0.307	0.304	0.277	0.292	6.78
35) TC	Hexachlorobuta...	0.098	0.079	0.101	0.099	0.090	0.084	0.092	9.79
36) T	Caprolactam	0.085		0.075	0.080	0.081	0.070	0.078	7.48
37) MC	4-Chloro-3-met...	0.198	0.165	0.178	0.193	0.186	0.174	0.182	6.82
38) T	2-Methylnaphth...	0.407	0.325	0.414	0.429	0.378	0.349	0.384	10.53

39) I	Acenaphthene-d10	-----ISTD-----							
40) TP	Hexachlorocycl...	0.226	0.222	0.225	0.226	0.218	0.220	0.223	1.52
41) TC	2,4,6-Trichlor...	0.295	0.261	0.280	0.288	0.287	0.283	0.282	4.10
42) T	2,4,5-Trichlor...	0.322	0.289	0.309	0.321	0.307	0.301	0.308	4.07
43) S	2-Fluorobiphenyl	0.981	0.840	1.034	1.026	0.941	0.929	0.959	7.50
44) T	1,1-Biphenyl	1.095		1.152	1.143	1.034	1.005	1.086	5.98
45) T	2-Chloronaphth...	0.898	0.897	0.933	0.913	0.856	0.825	0.887	4.44
46) T	2-Nitroaniline	0.287	0.258	0.283	0.281	0.271	0.252	0.272	5.30
47) T	Acenaphthylene	1.328	1.101	1.409	1.387	1.253	1.194	1.279	9.28
48) T	Dimethylphthalate	0.908	0.815	0.942	0.935	0.861	0.802	0.877	6.88
49) T	2,6-Dinitrotol...	0.244	0.217	0.236	0.238	0.233	0.219	0.231	4.73
50) MC	Acenaphthene	0.780	0.669	0.842	0.824	0.741	0.696	0.759	9.13
51) T	3-Nitroaniline	0.253	0.240	0.163	0.212	0.249	0.215	0.222	15.04

Method Path : S:\HPCHEM1\BNA_L\method\

Method File : BL072512.M

Title : SW-846 Method 8270

52)	TP	2,4-Dinitrophenol	0.130	0.140	0.042	0.084	0.140	0.133	0.111	35.95
53)	T	Dibenzofuran	1.053	0.839	1.131	1.127	0.976	0.920	1.008	11.63
54)	M	2,4-Dinitrotol...	0.272	0.227	0.271	0.283	0.254	0.227	0.256	9.34
55)	MP	4-Nitrophenol	0.188	0.183	0.118	0.158	0.194	0.171	0.169	16.53
56)	T	2,3,4,6-Tetrac...	0.199	0.179	0.176	0.188	0.199	0.179	0.187	5.43
57)	T	Fluorene	0.752	0.591	0.856	0.829	0.687	0.604	0.720	15.51
58)	T	4-Chlorophenyl...	0.340	0.251	0.386	0.377	0.302	0.271	0.321	17.35
59)	T	Diethylphthalate	0.773	0.663	0.792	0.800	0.708	0.632	0.728	9.74
60)	T	4-Nitroaniline	0.182	0.204	0.088	0.152	0.191	0.149	0.161	25.89
61)	S	2,4,6-Tribromo...	0.091	0.076	0.086	0.094	0.088	0.075	0.085	9.12

62)	I	Phenanthrene-d10	-----ISTD-----							
63)	T	1,2,4,5-Tetrac...	0.343		0.330	0.341	0.323	0.356	0.338	3.71
64)	T	4,6-Dinitro-2-...	0.121	0.123	0.069	0.097	0.125	0.126	0.110	20.73
65)	TC	n-Nitrosodiphe...	0.542	0.450	0.516	0.524	0.502	0.507	0.507	6.13
66)	T	1,2-Diphenylhy...	0.805	0.673	0.788	0.812	0.752	0.765	0.766	6.63
67)	T	4-Bromophenyl-...	0.159	0.129	0.153	0.155	0.144	0.145	0.147	7.25
68)	T	Hexachlorobenzene	0.164	0.132	0.165	0.170	0.151	0.148	0.155	9.03
69)	T	Atrazine	0.114		0.113	0.117	0.106	0.103	0.111	5.23
70)	MC	Pentachlorophenol	0.088	0.092	0.034	0.053	0.095	0.096	0.076	34.56#
71)	T	Pentachloronit...							0.000#	-1.00
72)	T	Benzidine							0.000#	-1.00
73)	T	Phenanthrene	0.700	0.590	0.747	0.739	0.656	0.629	0.677	9.23
74)	T	Anthracene	0.736	0.609	0.747	0.768	0.680	0.641	0.697	9.15
75)	T	Carbazole	0.611	0.551	0.602	0.624	0.618	0.581	0.598	4.61
76)	T	Di-n-butylphth...	0.798	0.695	0.875	0.871	0.766	0.750	0.793	8.94
77)	TC	Fluoranthene	0.544	0.481	0.660	0.646	0.574	0.532	0.573	12.05

78)	I	Chrysene-d12	-----ISTD-----							
79)	M	Pyrene	1.067	0.793	1.024	1.017	1.026	0.809	0.956	12.71
80)	S	Terphenyl-d14	0.565		0.538	0.535	0.540	0.427	0.521	10.36
81)	T	Butylbenzylpht...	0.479	0.408	0.446	0.465	0.503	0.419	0.453	8.00
82)	T	3,3-Dichlorobe...	0.180	0.199	0.117	0.134	0.169	0.173	0.162	18.89
83)	T	Benzo[a]anthra...	0.765	0.646	0.755	0.750	0.736	0.689	0.724	6.41
84)	T	Chrysene	0.723	0.541	0.737	0.758	0.705	0.650	0.686	11.65
85)	T	bis(2-Ethylhex...	0.718	0.580	0.626	0.693	0.718	0.635	0.662	8.57

86)	I	Perylene-d12	-----ISTD-----							
87)	TC	Di-n-octylphth...	1.454	1.205	1.218	1.414	1.549	1.241	1.347	10.76
88)	T	Benzo[b]fluora...	0.832	0.755	0.880	0.923	0.870	0.806	0.844	7.03
89)	T	Benzo[k]fluora...	0.852	0.680	0.791	0.853	0.774	0.722	0.779	8.90
90)	TC	Benzo[a]pyrene	0.810	0.712	0.777	0.805	0.789	0.757	0.775	4.69
91)	T	Indeno[1,2,3-c...	0.830	0.693	0.751	0.737	0.801	0.767	0.763	6.32
92)	T	Dibenz[a,h]ant...	0.684		0.627	0.606	0.652	0.623	0.638	4.79
93)	T	Benzo[g,h,i]pe...	0.707	0.644	0.649	0.613	0.709	0.667	0.665	5.71

(#) = Out of Range