

Method Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\
 Method File : PL100223.M
 Title : GC Extractables
 Last Update : Tue Oct 03 04:57:42 2023
 Response Via : Initial Calibration

Calibration Files

50 =PL085635.D 100 =PL085633.D 75 =PL085634.D
 25 =PL085636.D 5 =PL085637.D

	Compound	50	100	75	25	5	Avg		%RSD
1) SA	Tetrachloro-m-xylene	3.067	3.062	3.033	2.937	2.756	2.971	E6	4.42
2) A	alpha-BHC	4.461	4.652	4.531	4.066	4.099	4.362	E6	6.06
3) MA	gamma-BHC (Lindane)	4.229	4.365	4.259	3.878	3.868	4.120	E6	5.61
4) MA	Heptachlor	3.676	3.757	3.677	3.463	3.623	3.639	E6	3.01
5) MB	Aldrin	3.907	4.026	3.932	3.640	3.759	3.853	E6	3.96
6) B	beta-BHC	1.698	1.658	1.652	1.664	1.826	1.700	E6	4.30
7) B	delta-BHC	3.580	3.722	3.608	3.282	3.259	3.490	E6	5.95
8) B	Heptachlor epoxide	3.370	3.383	3.335	3.209	3.411	3.341	E6	2.36
9) A	Endosulfan I	3.200	3.210	3.166	3.082	3.224	3.176	E6	1.79
10) B	gamma-Chlordane	3.409	3.449	3.392	3.223	3.429	3.380	E6	2.68
11) B	alpha-Chlordane	3.433	3.433	3.392	3.288	3.710	3.451	E6	4.52
12) B	4,4'-DDE	3.040	3.130	3.069	2.839	3.185	3.052	E6	4.33
13) MA	Dieldrin	3.387	3.454	3.385	3.210	3.583	3.404	E6	3.96
14) MA	Endrin	2.786	2.849	2.772	2.635	2.926	2.794	E6	3.86
15) B	Endosulfan II	2.954	2.898	2.871	2.940	4.090	3.151	E6	16.69
16) A	4,4'-DDD	2.442	2.499	2.439	2.284	2.373	2.407	E6	3.41
17) MA	4,4'-DDT	2.469	2.543	2.479	2.327	2.476	2.459	E6	3.23
18) B	Endrin aldehyde	2.155	2.136	2.099	2.103	2.239	2.146	E6	2.64
19) B	Endosulfan Sulfate	2.727	2.713	2.675	2.602	2.915	2.726	E6	4.25
20) A	Methoxychlor	1.363	1.311	1.308	1.392	1.537	1.382	E6	6.77
21) B	Endrin ketone	3.011	3.020	2.983	2.830	2.905	2.950	E6	2.74
22)	Mirex	2.287	2.217	2.216	2.235	2.253	2.242	E6	1.32
23)	Chlordane-1	1.148	1.147	1.123	1.120	1.173	1.142	E5	1.88
24)	Chlordane-2	1.158	1.109	1.114	1.100	1.167	1.130	E5	2.71
25)	Chlordane-3	4.844	5.017	4.897	4.520	5.051	4.866	E5	4.34
26)	Chlordane-4	5.985	6.079	5.987	5.695	6.650	6.079	E5	5.76
27)	Chlordane-5	8.984	9.211	9.037	8.507	8.750	8.898	E4	3.08
28) SA	Decachlorobiphenyl	2.587	2.499	2.501	2.586	3.315	2.697	E6	12.90

Signal #2 Calibration Files

50 =PL085635.D 100 =PL085633.D 75 =PL085634.D
 25 =PL085636.D 5 =PL085637.D

	Compound	50	100	75	25	5	Avg		%RSD
1) SA	Tetrachloro-m-xylene	1.044	1.041	1.028	1.058	1.198	1.074	E6	6.55
2) A	alpha-BHC	1.429	1.504	1.449	1.279	1.261	1.384	E6	7.80
3) MA	gamma-BHC (Lindane)	1.346	1.398	1.357	1.234	1.248	1.317	E6	5.45
4) MA	Heptachlor	1.246	1.326	1.259	1.166	1.297	1.259	E6	4.82
5) MB	Aldrin	1.257	1.369	1.273	1.228	1.260	1.277	E6	4.22
6) B	beta-BHC	5.706	5.592	5.569	5.547	6.292	5.741	E5	5.46
7) B	delta-BHC	1.314	1.414	1.331	1.187	1.268	1.303	E6	6.40
8) B	Heptachlor epoxide	1.132	1.207	1.116	1.133	1.172	1.152	E6	3.24
9) A	Endosulfan I	1.095	1.130	1.117	1.086	1.277	1.141	E6	6.83
10) B	gamma-Chlordane	1.156	1.207	1.106	1.127	1.207	1.161	E6	3.95
11) B	alpha-Chlordane	1.171	1.207	1.192	1.158	1.292	1.204	E6	4.40
12) B	4,4'-DDE	1.042	1.120	1.087	0.986	1.233	1.094	E6	8.47
13) MA	Dieldrin	1.143	1.215	1.187	1.089	1.131	1.153	E6	4.27
14) MA	Endrin	1.004	1.067	1.035	0.953	0.840	0.980	E6	9.05
15) B	Endosulfan II	1.047	1.062	1.046	1.041	1.171	1.073	E6	5.15
16) A	4,4'-DDD	8.739	9.216	9.013	8.337	8.750	8.811	E5	3.76
17) MA	4,4'-DDT	8.716	9.385	9.039	8.100	8.474	8.743	E5	5.68
18) B	Endrin aldehyde	0.813	0.804	0.792	0.837	1.055	0.860	E6	12.78
19) B	Endosulfan Sulfate	9.626	9.818	9.663	9.375	9.922	9.681	E5	2.15
20) A	Methoxychlor	5.117	5.156	5.054	5.013	4.908	5.050	E5	1.91
21) B	Endrin ketone	1.143	1.162	1.139	1.076		1.130	E6	3.30
22)	Mirex	9.169	8.880	8.852	9.136	9.429	9.093	E5	2.60

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	Compound	50	100	75	25	5	Avg		%RSD

23)	Chlordane-1	3.168	3.150	3.130	3.053	3.394	3.179	E4	4.02
24)	Chlordane-2	3.805	3.555	3.663	3.761	3.834	3.724	E4	3.07
25)	Chlordane-3	1.127	1.175	1.145	1.022	1.105	1.115	E5	5.17
26)	Chlordane-4	1.204	1.243	1.215	1.124	1.287	1.215	E5	4.92
27)	Chlordane-5	3.081	3.067	3.029	2.987	2.855	3.003	E4	3.02
28) SA	Decachlorobiphenyl	0.929	0.903	0.898	0.924	1.027	0.936	E6	5.58

(#) = Out of Range