

Method Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\
 Method File : PL110123.M
 Title : GC Extractables
 Last Update : Thu Nov 02 05:32:51 2023
 Response Via : Initial Calibration

Calibration Files

50 =PL086345.D 100 =PL086343.D 75 =PL086344.D
 25 =PL086346.D 5 =PL086347.D

	Compound	50	100	75	25	5	Avg	%RSD
1) SA	Tetrachloro-m-xylene	3.170	3.225	3.138	3.165	3.169	3.174 E6	1.00
2) A	alpha-BHC	4.758	5.099	4.841	4.527	4.376	4.720 E6	5.95
3) MA	gamma-BHC (Lindane)	4.602	4.877	4.656	4.437	4.211	4.556 E6	5.47
4) MA	Heptachlor	4.365	4.556	4.366	4.279	4.228	4.359 E6	2.86
5) MB	Aldrin	4.446	4.694	4.482	4.313	4.209	4.429 E6	4.15
6) B	beta-BHC	1.882	1.890	1.844	1.940	2.307	1.972 E6	9.64
7) B	delta-BHC	4.415	4.734	4.470	4.347	3.848	4.363 E6	7.40
8) B	Heptachlor epoxide	3.903	4.009	3.881	3.814	3.731	3.868 E6	2.68
9) A	Endosulfan I	3.639	3.740	3.612	3.636	3.753	3.676 E6	1.78
10) B	gamma-Chlordane	3.927	4.102	3.924	3.886	4.000	3.968 E6	2.16
11) B	alpha-Chlordane	3.936	4.071	3.918	3.926	4.050	3.980 E6	1.86
12) B	4,4'-DDE	3.166	3.419	3.206	3.064	3.013	3.174 E6	4.97
13) MA	Dieldrin	3.839	4.051	3.855	3.753	3.727	3.845 E6	3.32
14) MA	Endrin	3.328	3.500	3.330	3.273	3.259	3.338 E6	2.88
15) B	Endosulfan II	3.160	3.279	3.154	3.184	3.326	3.221 E6	2.40
16) A	4,4'-DDD	2.349	2.537	2.376	2.305	2.293	2.372 E6	4.14
17) MA	4,4'-DDT	2.583	2.811	2.634	2.546	2.471	2.609 E6	4.89
18) B	Endrin aldehyde	2.385	2.401	2.317	2.451	2.616	2.434 E6	4.62
19) B	Endosulfan Sulfate	3.019	3.115	2.990	3.061	3.256	3.088 E6	3.40
20) A	Methoxychlor	1.359	1.405	1.342	1.393	1.436	1.387 E6	2.70
21) B	Endrin ketone	3.173	3.301	3.162	3.163	3.157	3.191 E6	1.93
22)	Mirex	2.647	2.588	2.545	2.799	3.064	2.728 E6	7.72
23)	Chlordane-1	1.346	1.372	1.346	1.386	1.470	1.384 E5	3.70
24)	Chlordane-2	1.462	1.428	1.424	1.550	1.741	1.521 E5	8.76
25)	Chlordane-3	5.703	5.953	5.771	5.697	5.681	5.761 E5	1.96
26)	Chlordane-4	7.036	7.217	7.056	7.131	7.232	7.134 E5	1.26
27)	Chlordane-5	1.091	1.115	1.090	1.129	1.212	1.127 E5	4.46
28) SA	Decachlorobiphenyl	2.559	2.562	2.489	2.703	2.911	2.645 E6	6.34

Signal #2 Calibration Files

50 =PL086345.D 100 =PL086343.D 75 =PL086344.D
 25 =PL086346.D 5 =PL086347.D

	Compound	50	100	75	25	5	Avg	%RSD
1) SA	Tetrachloro-m-xylene	9.572	9.786	9.432	9.475	9.334	9.520 E5	1.80
2) A	alpha-BHC	1.338	1.463	1.374	1.240	1.074	1.298 E6	11.45
3) MA	gamma-BHC (Lindane)	1.338	1.438	1.359	1.273	1.160	1.314 E6	7.93
4) MA	Heptachlor	1.302	1.369	1.313	1.273	1.229	1.297 E6	3.99
5) MB	Aldrin	1.295	1.388	1.316	1.232	1.141	1.274 E6	7.32
6) B	beta-BHC	5.666	5.703	5.543	5.804	5.981	5.739 E5	2.86
7) B	delta-BHC	1.296	1.420	1.335	1.208	1.061	1.264 E6	10.83
8) B	Heptachlor epoxide	1.197	1.252	1.197	1.178	1.153	1.196 E6	3.06
9) A	Endosulfan I	1.146	1.190	1.149	1.166	1.283	1.187 E6	4.76
10) B	gamma-Chlordane	1.194	1.270	1.207	1.160	1.087	1.183 E6	5.69
11) B	alpha-Chlordane	1.230	1.288	1.233	1.221	1.274	1.249 E6	2.36
12) B	4,4'-DDE	1.001	1.113	1.033	0.942	0.844	0.987 E6	10.21
13) MA	Dieldrin	1.206	1.299	1.228	1.159	1.078	1.194 E6	6.86
14) MA	Endrin	1.113	1.191	1.126	1.071	1.009	1.102 E6	6.12
15) B	Endosulfan II	1.079	1.130	1.084	1.069	1.028	1.078 E6	3.39
16) A	4,4'-DDD	8.204	9.033	8.404	7.871	7.211	8.145 E5	8.25
17) MA	4,4'-DDT	0.949	1.043	0.974	0.916	0.831	0.943 E6	8.26
18) B	Endrin aldehyde	8.307	8.386	8.074	8.488	8.910	8.433 E5	3.64
19) B	Endosulfan Sulfate	1.043	1.083	1.038	1.051	1.056	1.054 E6	1.65
20) A	Methoxychlor	5.753	5.830	5.646	5.956	6.032	5.843 E5	2.65
21) B	Endrin ketone	1.257	1.310	1.256	1.241	1.172	1.247 E6	3.97
22)	Mirex	1.103	1.082	1.064	1.171	1.300	1.144 E6	8.41

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	Compound	50	100	75	25	5	Avg		%RSD

23)	Chlordane-1	3.419	3.500	3.420	3.495	3.648	3.496	E4	2.67
24)	Chlordane-2	4.438	4.310	4.309	4.683	5.080	4.564	E4	7.15
25)	Chlordane-3	1.191	1.278	1.228	1.174	1.109	1.196	E5	5.25
26)	Chlordane-4	1.311	1.385	1.335	1.299	1.351	1.336	E5	2.55
27)	Chlordane-5	3.448	3.544	3.464	3.459	3.465	3.476	E4	1.11
28) SA	Decachlorobiphenyl	1.107	1.088	1.069	1.181	1.290	1.147	E6	7.87

(#) = Out of Range