

Method Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\
 Method File : PL010422.M
 Title : GC Extractables
 Last Update : Wed Jan 05 01:51:06 2022
 Response Via : Initial Calibration

Calibration Files

50 =PL071789.D 100 =PL071787.D 75 =PL071788.D
 25 =PL071790.D 5 =PL071791.D

	Compound	50	100	75	25	5	Avg	%RSD
1) SA	Tetrachloro-m-xylene	4.662	4.547	4.737	4.597	4.554	4.619 E5	1.73
2) A	alpha-BHC	6.503	6.784	6.898	5.914	4.774	6.175 E5	14.10
3) MA	gamma-BHC (Lindane)	6.357	6.454	6.608	5.872	5.145	6.087 E5	9.77
4) MA	Heptachlor	7.051	7.023	7.264	6.764	6.032	6.827 E5	7.01
5) MB	Aldrin	6.532	6.537	6.752	6.103	5.557	6.296 E5	7.55
6) B	beta-BHC	2.794	2.567	2.720	2.675	2.773	2.706 E5	3.34
7) B	delta-BHC	6.551	6.582	6.805	5.954	5.375	6.253 E5	9.33
8) B	Heptachlor epoxide	6.291	6.131	6.384	6.066	5.629	6.100 E5	4.79
9) A	Endosulfan I	5.843	5.680	5.913	5.648	5.233	5.663 E5	4.68
10) B	gamma-Chlordane	6.355	6.214	6.468	6.132	5.833	6.200 E5	3.91
11) B	alpha-Chlordane	6.388	6.177	6.455	6.189	5.751	6.192 E5	4.44
12) B	4,4'-DDE	5.757	5.737	5.959	5.392	4.878	5.544 E5	7.66
13) MA	Dieldrin	6.231	6.199	6.420	5.872	5.435	6.031 E5	6.42
14) MA	Endrin	5.466	5.406	5.666	5.180	4.705	5.285 E5	6.95
15) B	Endosulfan II	5.883	5.653	5.912	5.752	5.702	5.780 E5	1.96
16) A	4,4'-DDD	4.996	4.950	5.146	4.711	4.274	4.815 E5	7.08
17) MA	4,4'-DDT	5.016	5.014	5.216	4.628	3.988	4.773 E5	10.22
18) B	Endrin aldehyde	4.617	4.340	4.600	4.603	4.528	4.538 E5	2.55
19) B	Endosulfan Sulfate	5.922	5.569	5.913	5.876	5.956	5.847 E5	2.71
20) A	Methoxychlor	3.198	2.993	3.190	3.130	2.964	3.095 E5	3.55
21) B	Endrin ketone	7.163	6.791	7.132	6.993	6.571	6.930 E5	3.59
22)	Mirex	5.995	5.354	5.771	6.270	6.604	5.999 E5	7.94
23)	Chlordane-1	1.807	1.809	1.821	1.739	1.757	1.787 E4	2.04
24)	Chlordane-2	2.436	2.324	2.392	2.445	2.422	2.404 E4	2.04
25)	Chlordane-3	6.701	6.710	6.735	6.392	6.265	6.561 E4	3.31
26)	Chlordane-4	7.167	7.229	7.211	6.927	6.768	7.060 E4	2.88
27)	Chlordane-5	2.434	2.397	2.431	2.365	2.345	2.394 E4	1.64
28) SA	Decachlorobiphenyl	7.202	6.480	6.950	7.512	8.008	7.230 E5	7.97

Signal #2 Calibration Files

50 =PL071789.D 100 =PL071787.D 75 =PL071788.D
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	Compound	50	100	75	25	5	Avg	%RSD
1) SA	Tetrachloro-m-xylene	1.268	1.220	1.273	1.225	1.158	1.229 E6	3.77
2) A	alpha-BHC	1.839	1.861	1.907	1.673	1.438	1.743 E6	11.03
3) MA	gamma-BHC (Lindane)	1.694	1.694	1.746	1.573	1.381	1.618 E6	9.08
4) MA	Heptachlor	1.676	1.657	1.723	1.582	1.374	1.602 E6	8.57
5) MB	Aldrin	1.601	1.585	1.645	1.502	1.371	1.541 E6	7.01
6) B	beta-BHC	7.332	6.893	7.268	7.124	7.108	7.145 E5	2.38
7) B	delta-BHC	1.631	1.613	1.676	1.484	1.272	1.535 E6	10.64
8) B	Heptachlor epoxide	1.437	1.393	1.464	1.382	1.310	1.397 E6	4.21
9) A	Endosulfan I	1.275	1.235	1.293	1.228	1.162	1.239 E6	4.07
10) B	gamma-Chlordane	1.404	1.365	1.430	1.347	1.291	1.367 E6	3.93
11) B	alpha-Chlordane	1.374	1.328	1.394	1.321	1.237	1.331 E6	4.57
12) B	4,4'-DDE	1.303	1.258	1.324	1.255	1.152	1.259 E6	5.28
13) MA	Dieldrin	1.360	1.332	1.386	1.291	1.192	1.312 E6	5.78
14) MA	Endrin	1.077	1.051	1.107	1.021	0.918	1.035 E6	6.99
15) B	Endosulfan II	1.155	1.104	1.159	1.124	1.073	1.123 E6	3.23
16) A	4,4'-DDD	0.999	0.967	1.012	0.951	0.878	0.961 E6	5.47
17) MA	4,4'-DDT	0.991	0.975	1.022	0.931	0.795	0.943 E6	9.43
18) B	Endrin aldehyde	8.792	8.255	8.753	8.562	8.067	8.486 E5	3.73
19) B	Endosulfan Sulfate	1.071	1.013	1.073	1.042	0.995	1.039 E6	3.33
20) A	Methoxychlor	5.230	4.959	5.257	4.993	4.181	4.924 E5	8.87
21) B	Endrin ketone	1.177	1.119	1.178	1.142	1.028	1.129 E6	5.44
22)	Mirex	8.899	8.136	8.688	8.879	8.352	8.591 E5	3.91

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	Compound	50	100	75	25	5	Avg		%RSD
23)	Chlordane-1	5.128	5.138	5.099	4.935	4.466	4.953	E4	5.74
24)	Chlordane-2	5.420	5.229	5.369	5.503	5.543	5.413	E4	2.28
25)	Chlordane-3	2.083	2.101	2.116	2.007	1.898	2.041	E5	4.42
26)	Chlordane-4	2.488	2.474	2.498	2.418	2.292	2.434	E5	3.50
27)	Chlordane-5	4.105	4.063	4.067	3.953	3.830	4.004	E4	2.80
28) SA	Decachlorobiphenyl	1.217	1.113	1.190	1.209	1.195	1.185	E6	3.50

(#) = Out of Range