

Method Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\
 Method File : PL040921.M
 Title : GC Extractables
 Last Update : Sat Apr 10 02:10:31 2021
 Response Via : Initial Calibration

Calibration Files

50 =PL065965.D 100 =PL065963.D 75 =PL065964.D
 25 =PL065966.D 5 =PL065967.D

	Compound	50	100	75	25	5	Avg	%RSD
1) SA	Tetrachloro-m-xylene	2.441	2.378	2.440	2.409	2.476	2.428 E6	1.52
2) A	alpha-BHC	3.868	3.877	3.928	3.633	3.802	3.822 E6	3.00
3) MA	gamma-BHC (Lindane)	3.623	3.623	3.687	3.411	3.242	3.517 E6	5.28
4) MA	Heptachlor	3.790	3.728	3.824	3.671	3.503	3.704 E6	3.41
5) MB	Aldrin	3.558	3.534	3.604	3.385	3.202	3.457 E6	4.75
6) B	beta-BHC	1.635	1.530	1.596	1.679	2.174	1.723 E6	14.98
7) B	delta-BHC	3.690	3.656	3.742	3.439	3.354	3.576 E6	4.74
8) B	Heptachlor epoxide	3.321	3.231	3.320	3.241	3.189	3.260 E6	1.79
9) A	Endosulfan I	3.127	3.029	3.116	3.064	3.016	3.070 E6	1.62
10) B	gamma-Chlordane	3.342	3.288	3.367	3.251	3.193	3.288 E6	2.13
11) B	alpha-Chlordane	3.308	3.218	3.310	3.232	3.164	3.246 E6	1.93
12) B	4,4'-DDE	3.151	3.145	3.210	2.988	2.774	3.054 E6	5.78
13) MA	Dieldrin	3.437	3.368	3.437	3.319	3.125	3.337 E6	3.85
14) MA	Endrin	2.994	2.871	3.000	2.921	2.950	2.947 E6	1.81
15) B	Endosulfan II	2.981	2.835	2.936	2.964	3.010	2.945 E6	2.28
16) A	4,4'-DDD	2.902	2.867	2.941	2.851	2.723	2.857 E6	2.88
17) MA	4,4'-DDT	2.915	2.864	2.950	2.824	2.544	2.819 E6	5.73
18) B	Endrin aldehyde	2.324	2.190	2.277	2.334	2.454	2.316 E6	4.14
19) B	Endosulfan Sulfate	3.101	2.904	3.033	3.114	3.230	3.076 E6	3.88
20) A	Methoxychlor	1.611	1.481	1.555	1.635	1.554	1.567 E6	3.82
21) B	Endrin ketone	3.238	3.053	3.183	3.202	3.444	3.224 E6	4.39
22)	Mirex	2.563	2.327	2.450	2.657	2.925	2.585 E6	8.79
23)	Chlordane-1	1.048	0.990	1.012	1.055	1.128	1.047 E5	5.03
24)	Chlordane-2	1.212	1.128	1.161	1.265	1.302	1.214 E5	5.90
25)	Chlordane-3	3.344	3.304	3.332	3.215	3.169	3.273 E5	2.35
26)	Chlordane-4	2.787	2.733	2.754	2.726	2.691	2.738 E5	1.30
27)	Chlordane-5	1.284	1.230	1.244	1.287	1.317	1.272 E5	2.76
28) SA	Decachlorobiphenyl	2.168	1.997	2.079	2.242	2.300	2.157 E6	5.65

Signal #2 Calibration Files

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	Compound	50	100	75	25	5	Avg	%RSD
1) SA	Tetrachloro-m-xylene	2.912	2.900	2.935	2.464	2.571	2.756 E6	8.05
2) A	alpha-BHC	3.888	4.058	4.041	3.162	3.097	3.649 E6	13.14
3) MA	gamma-BHC (Lindane)	3.679	3.781	3.774	3.107	2.996	3.467 E6	11.07
4) MA	Heptachlor	3.565	3.577	3.583	3.056	3.444	3.445 E6	6.52
5) MB	Aldrin	3.174	3.249	3.228	2.721	2.760	3.026 E6	8.68
6) B	beta-BHC	1.860	1.697	1.749	1.685	2.867	1.972 E6	25.63
7) B	delta-BHC	3.537	3.580	3.598	3.002	3.017	3.347 E6	9.22
8) B	Heptachlor epoxide	2.936	2.935	2.942	2.608	2.784	2.841 E6	5.15
9) A	Endosulfan I	2.620	2.614	2.628	2.368	2.457	2.538 E6	4.67
10) B	gamma-Chlordane	2.886	2.889	2.906	2.557	2.625	2.773 E6	6.05
11) B	alpha-Chlordane	2.847	2.820	2.841	2.543	2.653	2.741 E6	4.99
12) B	4,4'-DDE	2.593	2.656	2.643	2.289	2.274	2.491 E6	7.74
13) MA	Dieldrin	2.642	2.695	2.691	2.362	2.421	2.562 E6	6.19
14) MA	Endrin	2.005	1.994	2.021	1.784	1.565	1.874 E6	10.58
15) B	Endosulfan II	2.176	2.162	2.178	2.017	2.119	2.130 E6	3.18
16) A	4,4'-DDD	2.135	2.160	2.157	1.976	1.994	2.084 E6	4.39
17) MA	4,4'-DDT	1.984	2.017	2.014	1.795	1.666	1.895 E6	8.31
18) B	Endrin aldehyde	1.778	1.735	1.760	1.674	1.727	1.735 E6	2.28
19) B	Endosulfan Sulfate	2.196	2.151	2.180	2.060	2.135	2.144 E6	2.46
20) A	Methoxychlor	1.073	1.041	1.062	0.999	0.866	1.008 E6	8.35
21) B	Endrin ketone	2.276	2.285	2.291	2.190	2.249	2.258 E6	1.84
22)	Mirex	1.709	1.614	1.669	1.658	1.773	1.685 E6	3.55

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	Compound	50	100	75	25	5	Avg		%RSD

23)	Chlordane-1	1.167	0.998	1.013	1.205	1.111	1.099	E5	8.33
24)	Chlordane-2	1.173	0.992	1.020	1.196	1.207	1.118	E5	9.24
25)	Chlordane-3	4.150	3.763	3.633	4.042	4.092	3.936	E5	5.72
26)	Chlordane-4	4.932	4.426	4.657	4.884	4.961	4.772	E5	4.77
27)	Chlordane-5	8.505	8.134	8.219	8.374	7.611	8.169	E4	4.20
28) SA	Decachlorobiphenyl	1.935	1.855	1.904	1.903	1.880	1.896	E6	1.58

(#) = Out of Range