

Method Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\
 Method File : PL071020.M
 Title : GC Extractables
 Last Update : Fri Jul 10 18:52:06 2020
 Response Via : Initial Calibration

Calibration Files

50 =PL059790.D 100 =PL059785.D 75 =PL059786.D
 25 =PL059788.D 5 =PL059789.D

	Compound	50	100	75	25	5	Avg		%RSD
1) SA	Tetrachloro-m-xylene	1.961	1.861	1.955	1.931	1.963	1.934	E6	2.21
2) A	alpha-BHC	2.954	2.899	3.007	2.783	2.729	2.874	E6	4.04
3) MA	gamma-BHC (Lindane)	2.547	2.506	2.590	2.416	2.290	2.470	E6	4.83
4) MA	Heptachlor	2.256	2.210	2.293	2.259	2.196	2.243	E6	1.77
5) MB	Aldrin	2.015	1.969	2.035	1.946	1.902	1.973	E6	2.69
6) B	beta-BHC	1.023	0.954	1.008	1.031	1.090	1.021	E6	4.80
7) B	delta-BHC	2.298	2.278	2.352	2.164	2.022	2.223	E6	5.92
8) B	Heptachlor epoxide	1.859	1.784	1.858	1.848	1.828	1.836	E6	1.72
9) A	Endosulfan I	1.708	1.639	1.709	1.697	1.659	1.682	E6	1.89
10) B	gamma-Chlordane	1.838	1.780	1.843	1.820	1.788	1.814	E6	1.59
11) B	alpha-Chlordane	1.828	1.757	1.827	1.821	1.783	1.803	E6	1.75
12) B	4,4'-DDE	1.720	1.675	1.726	1.663	1.542	1.665	E6	4.44
13) MA	Dieldrin	1.794	1.756	1.811	1.767	1.695	1.765	E6	2.53
14) MA	Endrin	1.426	1.464	1.472	1.531	1.385	1.456	E6	3.74
15) B	Endosulfan II	1.666	1.596	1.674	1.726	1.689	1.670	E6	2.85
16) A	4,4'-DDD	1.524	1.461	1.521	1.478	1.650	1.527	E6	4.87
17) MA	4,4'-DDT	1.299	1.368	1.389	1.362	1.083	1.300	E6	9.68
18) B	Endrin aldehyde	1.436	1.352	1.423	1.453	1.468	1.427	E6	3.14
19) B	Endosulfan Sulfate	1.598	1.515	1.589	1.676	1.841	1.644	E6	7.53
20) A	Methoxychlor	7.533	7.470	7.637	8.137	6.623	7.480	E5	7.30
21) B	Endrin ketone	1.951	1.815	1.904	1.872	1.842	1.877	E6	2.83
22)	Mirex	1.425	1.293	1.370	1.547	1.478	1.423	E6	6.86
23)	Chlordane-1	6.009	5.897	5.928	6.128	6.672	6.127	E4	5.18
24)	Chlordane-2	6.426	6.011	6.174	6.449	6.598	6.332	E4	3.72
25)	Chlordane-3	1.705	1.720	1.725	1.684	1.622	1.691	E5	2.48
26)	Chlordane-4	1.414	1.406	1.411	1.410	1.334	1.395	E5	2.45
27)	Chlordane-5	5.625	5.647	5.762	5.672	5.664	5.674	E4	0.93
28) SA	Decachlorobiphenyl	1.640	1.512	1.578	1.730	1.764	1.645	E6	6.35

Signal #2 Calibration Files

50 =PL059790.D 100 =PL059785.D 75 =PL059786.D
 25 =PL059788.D 5 =PL059789.D

	Compound	50	100	75	25	5	Avg		%RSD
1) SA	Tetrachloro-m-xylene	2.743	2.552	2.696	2.638	2.622	2.650	E6	2.75
2) A	alpha-BHC	4.058	3.918	4.079	3.757	3.490	3.861	E6	6.32
3) MA	gamma-BHC (Lindane)	3.787	3.630	3.784	3.548	3.386	3.627	E6	4.67
4) MA	Heptachlor	3.418	3.304	3.443	3.355	3.301	3.364	E6	1.93
5) MB	Aldrin	3.204	3.070	3.197	3.056	3.045	3.115	E6	2.54
6) B	beta-BHC	1.579	1.471	1.548	1.536	1.426	1.512	E6	4.09
7) B	delta-BHC	3.374	3.273	3.391	2.994	2.545	3.116	E6	11.43
8) B	Heptachlor epoxide	2.811	2.682	2.800	2.685	2.489	2.693	E6	4.81
9) A	Endosulfan I	2.708	2.562	2.687	2.656	2.723	2.667	E6	2.40
10) B	gamma-Chlordane	2.885	2.792	2.917	2.845	2.879	2.864	E6	1.65
11) B	alpha-Chlordane	2.897	2.762	2.895	2.866	2.876	2.859	E6	1.96
12) B	4,4'-DDE	2.725	2.641	2.752	2.611	2.654	2.677	E6	2.22
13) MA	Dieldrin	2.829	2.704	2.833	2.748	2.717	2.766	E6	2.21
14) MA	Endrin	2.096	2.164	2.196	2.262	1.923	2.128	E6	6.08
15) B	Endosulfan II	2.564	2.354	2.507	2.571	2.561	2.512	E6	3.64
16) A	4,4'-DDD	2.380	2.209	2.340	2.266	2.283	2.296	E6	2.89
17) MA	4,4'-DDT	1.999	1.990	2.067	2.015	1.774	1.969	E6	5.73
18) B	Endrin aldehyde	2.232	2.021	2.171	2.177	2.258	2.172	E6	4.24
19) B	Endosulfan Sulfate	2.392	2.177	2.340	2.382	2.403	2.339	E6	4.00
20) A	Methoxychlor	1.139	1.076	1.145	1.219	1.097	1.135	E6	4.86
21) B	Endrin ketone	2.691	2.398	2.616	2.586	2.621	2.583	E6	4.27
22)	Mirex	1.861	1.608	1.781	1.932	2.059	1.848	E6	9.14

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	Compound	50	100	75	25	5	Avg		%RSD
23)	Chlordane-1	9.803	9.614	9.761	9.611	9.765	9.711	E4	0.94
24)	Chlordane-2	1.125	1.086	1.090	1.217	1.210	1.146	E5	5.57
25)	Chlordane-3	3.837	3.889	3.887	3.863	3.870	3.869	E5	0.55
26)	Chlordane-4	4.622	4.603	4.627	4.699	4.594	4.629	E5	0.90
27)	Chlordane-5	8.045	7.938	8.080	7.486	7.284	7.767	E4	4.63
28) SA	Decachlorobiphenyl	2.095	1.891	1.999	2.189	2.283	2.091	E6	7.36

(#) = Out of Range