

Method Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\
 Method File : PL071719.M
 Title : GC Extractables
 Last Update : Thu Jul 18 04:12:31 2019
 Response Via : Initial Calibration

Calibration Files

50 =PL050474.D 100 =PL050472.D 75 =PL050473.D
 25 =PL050475.D 5 =PL050476.D

	Compound	50	100	75	25	5	Avg	%RSD
1) SA	Tetrachloro-m-xylene	0.993	0.980	1.003	1.003	1.045	1.005 E7	2.43
2) A	alpha-BHC	1.668	1.670	1.700	1.658	1.683	1.676 E7	0.98
3) MA	gamma-BHC (Lindane)	1.549	1.554	1.582	1.531	1.475	1.538 E7	2.59
4) MA	Heptachlor	1.637	1.621	1.661	1.637	1.648	1.641 E7	0.89
5) MB	Aldrin	1.548	1.548	1.580	1.541	1.529	1.549 E7	1.21
6) B	beta-BHC	6.472	6.399	6.540	6.563	6.805	6.556 E6	2.34
7) B	delta-BHC	1.651	1.656	1.683	1.624	1.591	1.641 E7	2.14
8) B	Heptachlor epoxide	1.468	1.449	1.485	1.475	1.509	1.477 E7	1.51
9) A	Endosulfan I	1.436	1.416	1.448	1.442	1.529	1.454 E7	2.97
10) B	gamma-Chlordane	1.555	1.545	1.579	1.561	1.652	1.578 E7	2.73
11) B	alpha-Chlordane	1.502	1.488	1.521	1.509	1.607	1.526 E7	3.10
12) B	4,4'-DDE	1.495	1.483	1.454	1.496	1.564	1.499 E7	2.69
13) MA	Dieldrin	1.549	1.547	1.579	1.537	1.535	1.550 E7	1.13
14) MA	Endrin	1.461	1.448	1.487	1.455	1.510	1.472 E7	1.75
15) B	Endosulfan II	1.382	1.364	1.395	1.388	1.469	1.399 E7	2.88
16) A	4,4'-DDD	1.196	1.204	1.221	1.179	1.192	1.198 E7	1.31
17) MA	4,4'-DDT	1.259	1.286	1.299	1.211	1.137	1.239 E7	5.32
18) B	Endrin aldehyde	1.139	1.126	1.151	1.145	1.207	1.154 E7	2.69
19) B	Endosulfan Sulfate	1.253	1.239	1.269	1.257	1.352	1.274 E7	3.54
20) A	Methoxychlor	6.225	6.112	6.274	6.239	6.345	6.239 E6	1.36
21) B	Endrin ketone	1.366	1.353	1.388	1.365	1.366	1.368 E7	0.91
22)	Mirex	0.963	0.915	0.951	1.006	1.068	0.980 E7	5.98
23)	Chlordane-1	3.680	3.717	3.773	3.617	3.610	3.680 E5	1.87
24)	Chlordane-2	4.397	4.282	4.405	4.447	4.850	4.476 E5	4.86
25)	Chlordane-3	1.397	1.378	1.422	1.395	1.406	1.400 E6	1.16
26)	Chlordane-4	1.321	1.314	1.328	1.344	1.288	1.319 E6	1.55
27)	Chlordane-5	5.135	4.993	5.057	4.887	5.324	5.079 E5	3.23
28) SA	Decachlorobiphenyl	0.986	0.953	0.980	1.022	1.123	1.013 E7	6.57

Signal #2 Calibration Files

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	Compound	50	100	75	25	5	Avg	%RSD
1) SA	Tetrachloro-m-xylene	2.832	2.838	2.883	2.828	2.885	2.853 E6	0.99
2) A	alpha-BHC	4.179	4.367	4.373	3.941	3.771	4.126 E6	6.44
3) MA	gamma-BHC (Lindane)	3.900	4.051	4.058	3.740	3.617	3.873 E6	5.01
4) MA	Heptachlor	4.099	4.191	4.232	4.003	4.209	4.147 E6	2.28
5) MB	Aldrin	3.758	3.895	3.929	3.616	3.644	3.768 E6	3.76
6) B	beta-BHC	1.771	1.812	1.797	1.752	1.513	1.729 E6	7.10
7) B	delta-BHC	3.784	3.930	3.930	3.663	4.032	3.868 E6	3.74
8) B	Heptachlor epoxide	3.581	3.640	3.660	3.588	4.654	3.825 E6	12.15
9) A	Endosulfan I	3.384	3.429	3.479	3.340	3.562	3.439 E6	2.50
10) B	gamma-Chlordane	3.656	3.730	3.770	3.569	3.751	3.695 E6	2.23
11) B	alpha-Chlordane	3.617	3.664	3.716	3.567	3.762	3.665 E6	2.11
12) B	4,4'-DDE	3.587	3.671	3.708	3.495	3.556	3.603 E6	2.39
13) MA	Dieldrin	3.515	3.644	3.665	3.389	3.492	3.541 E6	3.22
14) MA	Endrin	3.086	3.214	3.243	2.967	2.997	3.101 E6	4.02
15) B	Endosulfan II	3.133	3.164	3.206	3.081	3.312	3.179 E6	2.73
16) A	4,4'-DDD	2.651	2.774	2.779	2.531	2.580	2.663 E6	4.21
17) MA	4,4'-DDT	2.746	2.866	2.886	2.623	2.378	2.700 E6	7.72
18) B	Endrin aldehyde	2.667	2.661	2.707	2.685	2.868	2.718 E6	3.17
19) B	Endosulfan Sulfate	2.829	2.818	2.882	2.878	3.035	2.888 E6	3.02
20) A	Methoxychlor	1.455	1.449	1.477	1.462	1.493	1.467 E6	1.20
21) B	Endrin ketone	2.877	2.938	2.961	2.823	2.859	2.891 E6	1.97
22)	Mirex	2.231	2.137	2.218	2.311	2.588	2.297 E6	7.58

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	Compound	50	100	75	25	5	Avg		%RSD
23)	Chlordane-1	1.103	1.106	1.118	1.072	1.024	1.085	E5	3.50
24)	Chlordane-2	1.166	1.122	1.147	1.166	1.271	1.175	E5	4.83
25)	Chlordane-3	4.834	4.885	4.899	4.657	4.774	4.810	E5	2.05
26)	Chlordane-4	5.824	5.813	5.853	5.672	5.883	5.809	E5	1.40
27)	Chlordane-5	9.553	9.577	9.624	9.480	9.450	9.537	E4	0.75
28) SA	Decachlorobiphenyl	2.716	2.594	2.682	2.852	3.296	2.828	E6	9.81

(#) = Out of Range