

Method Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\
 Method File : PL012020.M
 Title : GC Extractables
 Last Update : Tue Jan 21 02:21:03 2020
 Response Via : Initial Calibration

Calibration Files

50 =PL055864.D 100 =PL055862.D 75 =PL055863.D
 25 =PL055865.D 5 =PL055866.D

	Compound	50	100	75	25	5	Avg	%RSD
1) SA	Tetrachloro-m-xylene	9.768	9.332	9.812	9.572	9.438	9.584	E6 2.16
2) A	alpha-BHC	1.685	1.635	1.710	1.622	1.644	1.659	E7 2.23
3) MA	gamma-BHC (Lindane)	1.585	1.540	1.611	1.509	1.339	1.517	E7 7.04
4) MA	Heptachlor	1.531	1.459	1.534	1.490	1.453	1.493	E7 2.59
5) MB	Aldrin	1.515	1.450	1.522	1.462	1.368	1.464	E7 4.24
6) B	beta-BHC	6.392	6.041	6.378	6.355	6.921	6.417	E6 4.94
7) B	delta-BHC	1.534	1.485	1.554	1.452	1.305	1.466	E7 6.72
8) B	Heptachlor epoxide	1.418	1.336	1.411	1.385	1.347	1.379	E7 2.68
9) A	Endosulfan I	1.324	1.257	1.324	1.294	1.289	1.297	E7 2.17
10) B	gamma-Chlordane	1.445	1.375	1.444	1.403	1.348	1.403	E7 3.04
11) B	alpha-Chlordane	1.416	1.341	1.410	1.383	1.362	1.382	E7 2.26
12) B	4,4'-DDE	1.326	1.285	1.351	1.286	1.283	1.306	E7 2.36
13) MA	Dieldrin	1.434	1.362	1.435	1.372	1.313	1.383	E7 3.75
14) MA	Endrin	1.305	1.230	1.294	1.257	1.230	1.263	E7 2.76
15) B	Endosulfan II	1.125	1.129	1.195	1.055	1.080	1.117	E7 4.78
16) A	4,4'-DDD	1.037	0.994	1.039	0.984	0.923	0.996	E7 4.77
17) MA	4,4'-DDT	1.079	1.055	1.091	0.997	0.838	1.012	E7 10.28
18) B	Endrin aldehyde	1.066	0.996	1.040	1.037	1.058	1.039	E7 2.62
19) B	Endosulfan Sulfate	1.094	1.053	1.123	1.074	1.063	1.081	E7 2.57
20) A	Methoxychlor	5.505	5.177	5.379	5.375	4.656	5.218	E6 6.43
21) B	Endrin ketone	1.292	1.224	1.278	1.264	1.236	1.259	E7 2.27
22)	Mirex	7.356	7.245	7.828	6.733	5.955	7.023	E6 10.15
23)	Chlordane-1	3.679	3.809	3.803	3.596	3.444	3.666	E5 4.17
24)	Chlordane-2	4.299	4.259	4.522	4.097	4.460	4.327	E5 3.91
25)	Chlordane-3	1.287	1.289	1.281	1.199	1.170	1.245	E6 4.55
26)	Chlordane-4	1.070	1.076	1.085	0.958	0.968	1.031	E6 6.07
27)	Chlordane-5	3.614	4.126	4.229	3.850	3.737	3.911	E5 6.63
28) SA	Decachlorobiphenyl	1.069	0.984	1.035	1.047	1.092	1.046	E7 3.91

Signal #2 Calibration Files

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	Compound	50	100	75	25	5	Avg	%RSD
1) SA	Tetrachloro-m-xylene	2.828	2.696	2.817	2.811	2.979	2.826	E6 3.56
2) A	alpha-BHC	4.339	4.238	4.393	4.161	4.074	4.241	E6 3.06
3) MA	gamma-BHC (Lindane)	4.035	3.915	4.059	3.907	3.918	3.967	E6 1.86
4) MA	Heptachlor	3.389	3.241	3.378	3.360	3.539	3.381	E6 3.14
5) MB	Aldrin	3.444	3.281	3.421	3.392	3.602	3.428	E6 3.38
6) B	beta-BHC	1.618	1.562	1.681	1.601	1.473	1.587	E6 4.84
7) B	delta-BHC	3.160	3.134	3.244	2.924	2.477	2.988	E6 10.34
8) B	Heptachlor epoxide	2.973	2.840	2.983	2.989	3.156	2.988	E6 3.75
9) A	Endosulfan I	2.898	2.724	2.853	2.927	3.157	2.912	E6 5.40
10) B	gamma-Chlordane	3.076	2.914	3.042	3.079	3.307	3.084	E6 4.60
11) B	alpha-Chlordane	3.067	2.896	3.031	3.102	3.342	3.088	E6 5.26
12) B	4,4'-DDE	2.951	2.829	2.942	2.908	3.013	2.929	E6 2.30
13) MA	Dieldrin	3.031	2.895	3.014	3.010	3.162	3.022	E6 3.14
14) MA	Endrin	2.562	2.433	2.537	2.553	2.582	2.534	E6 2.31
15) B	Endosulfan II	2.634	2.463	2.580	2.683	3.049	2.682	E6 8.24
16) A	4,4'-DDD	2.339	2.239	2.321	2.305	2.323	2.305	E6 1.70
17) MA	4,4'-DDT	2.286	2.204	2.283	2.236	2.280	2.258	E6 1.62
18) B	Endrin aldehyde	2.234	2.083	2.188	2.276	2.505	2.257	E6 6.92
19) B	Endosulfan Sulfate	2.458	2.273	2.392	2.512	2.742	2.476	E6 7.02
20) A	Methoxychlor	1.220	1.105	1.180	1.236	1.225	1.193	E6 4.49
21) B	Endrin ketone	2.645	2.480	2.599	2.647	2.832	2.641	E6 4.80
22)	Mirex	1.814	1.633	1.734	1.900	2.043	1.825	E6 8.60
23)	Chlordane-1	1.039	1.047	1.052	1.067	1.059	1.053	E5 1.05

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	Compound	50	100	75	25	5	Avg		%RSD

24)	Chlordane-2	1.061	1.034	1.046	1.121	1.250	1.102	E5	8.05
25)	Chlordane-3	3.855	3.961	3.932	3.857	4.241	3.969	E5	4.00
26)	Chlordane-4	4.520	4.617	4.583	4.568	5.183	4.694	E5	5.86
27)	Chlordane-5	8.088	8.128	8.136	8.250	8.361	8.193	E4	1.36
28) SA	Decachlorobiphenyl	2.270	2.068	2.181	2.349	2.587	2.291	E6	8.55

(#) = Out of Range