

Method Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\
 Method File : PL122322.M
 Title : GC Extractables
 Last Update : Sun Dec 25 06:36:07 2022
 Response Via : Initial Calibration

Calibration Files

50 =PL079875.D 100 =PL079873.D 75 =PL079874.D
 25 =PL079876.D 5 =PL079877.D

	Compound	50	100	75	25	5	Avg	%RSD
1) SA	Tetrachloro-m-xylene	2.458	2.443	2.387	2.310	2.127	2.345 E6	5.76
2) A	alpha-BHC	3.863	4.009	3.842	3.430	2.899	3.609 E6	12.51
3) MA	gamma-BHC (Lindane)	3.605	3.689	3.560	3.256	2.842	3.390 E6	10.26
4) MA	Heptachlor	3.577	3.576	3.495	3.298	3.028	3.395 E6	6.91
5) MB	Aldrin	3.324	3.373	3.271	3.035	2.735	3.147 E6	8.41
6) B	beta-BHC	1.511	1.462	1.449	1.453	1.430	1.461 E6	2.07
7) B	delta-BHC	2.980	3.035	2.936	2.420	1.596	2.593 E6	23.51
8) B	Heptachlor epoxide	2.851	2.785	2.740	2.739	2.378	2.699 E6	6.85
9) A	Endosulfan I	2.830	2.803	2.755	2.648	2.559	2.719 E6	4.17
10) B	gamma-Chlordane	3.032	3.037	2.969	2.812	2.596	2.889 E6	6.49
11) B	alpha-Chlordane	3.022	3.004	2.947	2.835	2.698	2.901 E6	4.66
12) B	4,4'-DDE	2.701	2.771	2.682	2.472	2.250	2.575 E6	8.29
13) MA	Dieldrin	2.913	2.950	2.872	2.690	2.470	2.779 E6	7.18
14) MA	Endrin	2.617	2.659	2.571	2.451	2.421	2.544 E6	4.07
15) B	Endosulfan II	2.527	2.452	2.435	2.512	2.599	2.505 E6	2.61
16) A	4,4'-DDD	2.193	2.227	2.165	2.058	1.881	2.105 E6	6.66
17) MA	4,4'-DDT	2.454	2.500	2.427	2.297	2.100	2.356 E6	6.86
18) B	Endrin aldehyde	1.948	1.898	1.880	1.880	1.793	1.880 E6	2.97
19) B	Endosulfan Sulfate	2.473	2.431	2.396	2.363	2.267	2.386 E6	3.27
20) A	Methoxychlor	1.278	1.241	1.234	1.254	1.049	1.211 E6	7.61
21) B	Endrin ketone	2.621	2.558	2.554	2.520	2.368	2.524 E6	3.76
22)	Mirex	2.017	1.905	1.924	1.971	1.879	1.939 E6	2.83
23)	Chlordane-1	1.009	0.998	0.971	0.958	0.864	0.960 E5	5.95
24)	Chlordane-2	1.096	1.031	1.030	1.108	1.216	1.096 E5	6.95
25)	Chlordane-3	4.253	4.280	4.157	3.993	4.014	4.139 E5	3.20
26)	Chlordane-4	5.162	5.120	5.000	4.923	5.003	5.042 E5	1.93
27)	Chlordane-5	9.647	9.438	9.320	9.393	9.478	9.455 E4	1.30
28) SA	Decachlorobiphenyl	1.995	1.899	1.908	2.009	2.016	1.965 E6	2.91

Signal #2 Calibration Files

50 =PL079875.D 100 =PL079873.D 75 =PL079874.D
 25 =PL079876.D 5 =PL079877.D

	Compound	50	100	75	25	5	Avg	%RSD
1) SA	Tetrachloro-m-xylene	2.954	2.848	2.821	2.833	2.710	2.833 E6	3.06
2) A	alpha-BHC	4.775	4.684	4.612	4.483	3.901	4.491 E6	7.72
3) MA	gamma-BHC (Lindane)	4.203	4.068	4.029	4.011	3.650	3.992 E6	5.14
4) MA	Heptachlor	4.325	4.168	4.148	4.106	3.940	4.137 E6	3.33
5) MB	Aldrin	4.042	3.897	3.879	3.827	3.683	3.866 E6	3.35
6) B	beta-BHC	1.569	1.494	1.475	1.544	1.645	1.545 E6	4.36
7) B	delta-BHC	4.240	4.139	4.092	3.941	3.654	4.013 E6	5.68
8) B	Heptachlor epoxide	3.612	3.431	3.426	3.478	3.406	3.471 E6	2.40
9) A	Endosulfan I	3.461	3.280	3.277	3.319	3.211	3.310 E6	2.81
10) B	gamma-Chlordane	3.642	3.504	3.478	3.459	3.473	3.511 E6	2.14
11) B	alpha-Chlordane	3.562	3.405	3.392	3.393	3.453	3.441 E6	2.09
12) B	4,4'-DDE	3.381	3.277	3.246	3.161	2.932	3.200 E6	5.28
13) MA	Dieldrin	3.636	3.494	3.475	3.427	3.303	3.467 E6	3.47
14) MA	Endrin	3.131	3.011	2.988	2.959	2.711	2.960 E6	5.19
15) B	Endosulfan II	2.974	2.795	2.808	2.937	3.060	2.915 E6	3.87
16) A	4,4'-DDD	2.704	2.618	2.598	2.544	2.481	2.589 E6	3.23
17) MA	4,4'-DDT	2.896	2.822	2.790	2.623	2.258	2.678 E6	9.52
18) B	Endrin aldehyde	2.257	2.127	2.140	2.180	2.226	2.186 E6	2.53
19) B	Endosulfan Sulfate	2.953	2.782	2.797	2.868	2.907	2.861 E6	2.53
20) A	Methoxychlor	1.463	1.375	1.384	1.430	1.313	1.393 E6	4.09
21) B	Endrin ketone	3.244	3.055	3.090	3.115	3.115	3.124 E6	2.29
22)	Mirex	2.440	2.237	2.281	2.405	2.497	2.372 E6	4.61

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	Compound	50	100	75	25	5	Avg		%RSD
23)	Chlordane-1	1.120	1.078	1.049	1.116	1.163	1.105	E5	3.94
24)	Chlordane-2	1.192	1.123	1.111	1.219	1.213	1.171	E5	4.38
25)	Chlordane-3	3.465	3.428	3.301	3.419	3.460	3.415	E5	1.95
26)	Chlordane-4	3.741	3.650	3.517	3.660	3.757	3.665	E5	2.60
27)	Chlordane-5	9.716	9.216	8.614	9.588	8.881	9.203	E4	5.05
28) SA	Decachlorobiphenyl	2.326	2.176	2.205	2.297	2.405	2.282	E6	4.07

(#) = Out of Range