

Method Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\
 Method File : PD100322.M
 Title : GC Extractables
 Last Update : Tue Oct 04 04:48:15 2022
 Response Via : Initial Calibration

Calibration Files

50 =PD072166.D 100 =PD072164.D 75 =PD072165.D
 25 =PD072167.D 5 =PD072168.D

	Compound	50	100	75	25	5	Avg	%RSD
1) SA	Tetrachloro-m-xylene	2.431	2.344	2.350	2.440	2.520	2.417 E6	3.00
2) MA	alpha-BHC	3.886	3.871	3.827	3.699	3.535	3.763 E6	3.91
3) MA	gamma-BHC (Lindane)	3.507	3.456	3.438	3.371	3.279	3.410 E6	2.58
4) MA	Heptachlor	3.541	3.482	3.468	3.430	3.361	3.456 E6	1.93
5) MB	Aldrin	3.468	3.407	3.407	3.378	3.270	3.386 E6	2.15
6) B	beta-BHC	1.451	1.357	1.377	1.485	1.680	1.470 E6	8.75
7) B	delta-BHC	3.463	3.428	3.413	3.324	3.170	3.359 E6	3.50
8) B	Heptachlor epoxide	3.062	2.966	2.976	3.021	3.091	3.023 E6	1.79
9) A	Endosulfan I	2.865	2.773	2.781	2.841	2.934	2.839 E6	2.32
10) B	gamma-Chlordane	3.114	3.037	3.030	3.045	3.092	3.063 E6	1.22
11) B	alpha-Chlordane	3.069	2.979	2.980	3.031	3.121	3.036 E6	2.00
12) B	4,4'-DDE	2.864	2.829	2.812	2.762	2.677	2.789 E6	2.60
13) MA	Dieldrin	3.044	2.988	2.981	2.967	2.964	2.989 E6	1.08
14) MA	Endrin	2.589	2.569	2.562	2.540	2.558	2.564 E6	0.70
15) B	Endosulfan II	2.441	2.347	2.365	2.427	2.573	2.431 E6	3.67
16) A	4,4'-DDD	2.393	2.334	2.330	2.338	2.312	2.341 E6	1.30
17) MA	4,4'-DDT	2.401	2.396	2.389	2.310	2.116	2.322 E6	5.21
18) B	Endrin aldehyde	1.976	1.869	1.894	2.019	2.166	1.985 E6	5.94
19) B	Endosulfan Sulfate	2.435	2.332	2.360	2.463	2.585	2.435 E6	4.09
20) A	Methoxychlor	1.334	1.273	1.292	1.371	1.409	1.336 E6	4.18
21) B	Endrin ketone	2.950	2.835	2.873	2.963	2.944	2.913 E6	1.92
22)	Mirex	2.152	2.017	2.051	2.237	2.485	2.188 E6	8.56
23)	Chlordane-1	0.953	0.911	0.907	0.955	1.099	0.965 E5	8.11
24)	Chlordane-2	0.988	0.899	0.923	1.050	1.276	1.027 E5	14.69
25)	Chlordane-3	3.141	3.048	3.035	3.034	3.195	3.091 E5	2.37
26)	Chlordane-4	2.897	2.793	2.739	2.816	3.091	2.867 E5	4.79
27)	Chlordane-5	1.079	1.030	1.024	1.067	1.194	1.079 E5	6.35
28) SA	Decachlorobiphenyl	2.315	2.175	2.209	2.446	2.741	2.377 E6	9.65

Signal #2 Calibration Files

50 =PD072166.D 100 =PD072164.D 75 =PD072165.D
 25 =PD072167.D 5 =PD072168.D

	Compound	50	100	75	25	5	Avg	%RSD
1) SA	Tetrachloro-m-xylene	3.105	2.877	2.939	3.255	3.584	3.152 E7	8.98
2) A	alpha-BHC	4.318	4.066	4.115	4.449	5.067	4.403 E7	9.13
3) MA	gamma-BHC (Lindane)	3.485	3.245	3.301	3.636	4.152	3.564 E7	10.19
4) MA	Heptachlor	2.418	2.181	2.259	2.593	3.251	2.540 E7	16.83
5) MB	Aldrin	2.038	1.844	1.904	2.193	2.625	2.121 E7	14.73
6) B	beta-BHC	1.364	1.221	1.264	1.466	1.753	1.414 E7	15.02
7) B	delta-BHC	2.421	2.214	2.253	2.520	2.645	2.411 E7	7.49
8) B	Heptachlor epoxide	1.507	1.362	1.403	1.609	1.695	1.515 E7	9.18
9) A	Endosulfan I	1.443	1.320	1.362	1.577	1.874	1.515 E7	14.74
10) B	gamma-Chlordane	1.556	1.428	1.467	1.693	2.108	1.650 E7	16.68
11) B	alpha-Chlordane	1.512	1.388	1.423	1.639	2.009	1.594 E7	15.77
12) B	4,4'-DDE	1.429	1.328	1.354	1.513	1.737	1.472 E7	11.20
13) MA	Dieldrin	1.488	1.388	1.414	1.573	1.804	1.533 E7	10.93
14) MA	Endrin	1.189	1.116	1.137	1.267	1.576	1.257 E7	14.92
15) B	Endosulfan II	1.146	1.061	1.083	1.215	1.386	1.178 E7	11.09
16) A	4,4'-DDD	1.143	1.060	1.078	1.205	1.322	1.162 E7	9.16
17) MA	4,4'-DDT	1.147	1.088	1.102	1.187	1.232	1.151 E7	5.17
18) B	Endrin aldehyde	0.921	0.841	0.863	0.971	1.076	0.934 E7	10.06
19) B	Endosulfan Sulfate	1.061	0.993	1.014	1.112	1.236	1.084 E7	8.95
20) A	Methoxychlor	5.596	5.206	5.310	5.869	6.056	5.607 E6	6.43
21) B	Endrin ketone	1.196	1.113	1.137	1.267	1.409	1.224 E7	9.71
22)	Mirex	7.931	7.364	7.542	8.457	9.248	8.108 E6	9.41

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	Compound	50	100	75	25	5	Avg	%RSD
23)	Chlordane-1	1.003	0.881	0.915	1.055	1.180	1.007	E6 11.82
24)	Chlordane-2	7.021	6.146	6.422	7.312	8.704	7.121	E5 14.03
25)	Chlordane-3	2.181	2.000	2.030	2.272	2.743	2.245	E6 13.36
26)	Chlordane-4	2.541	2.365	2.361	2.662	3.225	2.631	E6 13.51
27)	Chlordane-5	4.614	4.197	4.322	4.779	5.196	4.622	E5 8.56
28) SA	Decachlorobiphenyl	0.857	0.793	0.813	0.925	1.027	0.883	E7 10.77

(#) = Out of Range