

Method Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\
 Method File : PL052125.M
 Title : GC Extractables
 Last Update : Thu May 22 06:29:30 2025
 Response Via : Initial Calibration

Calibration Files

50 =PL095737.D 100 =PL095735.D 75 =PL095736.D
 25 =PL095738.D 5 =PL095739.D

	Compound	50	100	75	25	5	Avg	%RSD
1) SA	Tetrachloro-m-xylene	3.066	3.100	3.049	3.062	3.500	3.155 E6	6.13
2) A	alpha-BHC	4.800	5.055	4.887	4.583	4.914	4.848 E6	3.59
3) MA	gamma-BHC (Lindane)	4.401	4.588	4.447	4.245	4.678	4.472 E6	3.75
4) MA	Heptachlor	3.722	3.804	3.719	3.623	4.058	3.785 E6	4.38
5) MB	Aldrin	4.211	4.347	4.211	4.079	4.540	4.278 E6	4.08
6) B	beta-BHC	1.930	1.911	1.893	1.932	2.191	1.971 E6	6.29
7) B	delta-BHC	4.384	4.510	4.418	4.234	4.621	4.434 E6	3.27
8) B	Heptachlor epoxide	3.731	3.728	3.692	3.682	4.251	3.817 E6	6.39
9) A	Endosulfan I	3.594	3.625	3.572	3.550	3.983	3.665 E6	4.91
10) B	gamma-Chlordane	3.845	3.946	3.852	3.755	4.062	3.892 E6	2.99
11) B	alpha-Chlordane	3.870	3.936	3.857	3.816	4.262	3.948 E6	4.57
12) B	4,4'-DDE	3.632	3.754	3.658	3.490	3.806	3.668 E6	3.33
13) MA	Dieldrin	3.814	3.904	3.813	3.709	4.057	3.859 E6	3.37
14) MA	Endrin	3.185	3.187	3.189	3.116	3.457	3.227 E6	4.09
15) B	Endosulfan II	3.326	3.314	3.256	3.385	3.950	3.446 E6	8.28
16) A	4,4'-DDD	2.891	3.029	2.898	2.806	3.029	2.931 E6	3.31
17) MA	4,4'-DDT	2.651	2.713	2.654	2.590	2.918	2.705 E6	4.68
18) B	Endrin aldehyde	2.366	2.356	2.324	2.354	2.688	2.418 E6	6.29
19) B	Endosulfan Sulfate	2.927	2.925	2.896	2.906	3.280	2.987 E6	5.51
20) A	Methoxychlor	1.261	1.253	1.238	1.251	1.373	1.275 E6	4.35
21) B	Endrin ketone	3.136	3.179	3.121	3.069	3.329	3.167 E6	3.13
22)	Mirex	2.272	2.239	2.242	2.281	2.535	2.314 E6	5.40
23)	Chlordane-1	1.752	1.769	1.766	1.728	1.894	1.782 E5	3.64
24)	Chlordane-2	1.867	1.848	1.820	1.944	2.129	1.922 E5	6.50
25)	Chlordane-3	7.294	7.657	7.350	7.187	7.463	7.390 E5	2.43
26)	Chlordane-4	8.878	9.240	8.892	8.858	9.071	8.988 E5	1.83
27)	Chlordane-5	1.335	1.365	1.327	1.342	1.478	1.369 E5	4.56
28) SA	Decachlorobiphenyl	2.304	2.296	2.273	2.355	2.553	2.356 E6	4.83

Signal #2 Calibration Files

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	Compound	50	100	75	25	5	Avg	%RSD
1) SA	Tetrachloro-m-xylene	3.847	3.908	3.797	3.798	4.219	3.914 E6	4.52
2) A	alpha-BHC	5.957	6.120	5.985	5.568	5.657	5.857 E6	4.00
3) MA	gamma-BHC (Lindane)	5.652	5.739	5.640	5.354	5.621	5.601 E6	2.59
4) MA	Heptachlor	5.612	5.660	5.569	5.421	5.783	5.609 E6	2.36
5) MB	Aldrin	5.359	5.413	5.337	5.094	5.331	5.307 E6	2.32
6) B	beta-BHC	2.471	2.434	2.431	2.437	2.615	2.478 E6	3.17
7) B	delta-BHC	5.700	5.856	5.710	5.411	5.559	5.647 E6	2.98
8) B	Heptachlor epoxide	4.944	4.854	4.849	4.811	5.230	4.937 E6	3.45
9) A	Endosulfan I	4.768	4.731	4.708	4.668	4.949	4.765 E6	2.29
10) B	gamma-Chlordane	5.233	5.301	5.203	5.069	5.458	5.253 E6	2.72
11) B	alpha-Chlordane	5.170	5.212	5.118	5.059	5.455	5.203 E6	2.93
12) B	4,4'-DDE	5.343	5.328	5.287	5.185	5.668	5.362 E6	3.39
13) MA	Dieldrin	5.296	5.313	5.257	5.104	5.531	5.300 E6	2.89
14) MA	Endrin	4.841	4.781	4.775	4.734	5.249	4.876 E6	4.35
15) B	Endosulfan II	4.722	4.687	4.645	4.610	5.095	4.752 E6	4.14
16) A	4,4'-DDD	4.404	4.446	4.367	4.230	4.478	4.385 E6	2.20
17) MA	4,4'-DDT	4.806	4.834	4.769	4.637	4.867	4.783 E6	1.87
18) B	Endrin aldehyde	3.418	3.353	3.343	3.365	3.792	3.454 E6	5.53
19) B	Endosulfan Sulfate	4.475	4.396	4.376	4.410	4.816	4.495 E6	4.08
20) A	Methoxychlor	2.592	2.504	2.514	2.628	2.843	2.616 E6	5.25
21) B	Endrin ketone	5.163	5.026	5.056	5.096	5.529	5.174 E6	3.96
22)	Mirex	3.990	3.859	3.799	4.033	4.622	4.061 E6	8.08

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	Compound	50	100	75	25	5	Avg		%RSD

23)	Chlordane-1	1.902	1.970	1.911	1.905	2.061	1.950	E5	3.49
24)	Chlordane-2	2.168	2.168	2.131	2.202	2.469	2.228	E5	6.17
25)	Chlordane-3	6.525	6.725	6.575	6.431	6.689	6.589	E5	1.83
26)	Chlordane-4	5.649	5.763	5.667	5.602	5.864	5.709	E5	1.84
27)	Chlordane-5	2.495	2.582	2.505	2.485	2.681	2.549	E5	3.25
28) SA	Decachlorobiphenyl	4.424	4.307	4.293	4.407	4.441	4.374	E6	1.58

(#) = Out of Range