

Method Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\
 Method File : PL120623.M
 Title : GC Extractables
 Last Update : Thu Dec 07 00:53:18 2023
 Response Via : Initial Calibration

Calibration Files

50 =PL087009.D 100 =PL087007.D 75 =PL087008.D
 25 =PL087010.D 5 =PL087011.D

	Compound	50	100	75	25	5	Avg	%RSD
1) SA	Tetrachloro-m-xylene	3.312	3.328	3.308	3.162	3.027	3.227 E6	4.04
2) A	alpha-BHC	4.740	5.018	4.894	4.252	3.597	4.500 E6	12.95
3) MA	gamma-BHC (Lindane)	4.352	4.544	4.446	3.981	3.437	4.152 E6	10.91
4) MA	Heptachlor	4.207	4.279	4.205	3.926	3.599	4.043 E6	6.99
5) MB	Aldrin	4.163	4.321	4.237	3.844	3.375	3.988 E6	9.72
6) B	beta-BHC	1.746	1.704	1.712	1.709	1.630	1.700 E6	2.49
7) B	delta-BHC	3.791	3.935	3.865	3.422	3.072	3.617 E6	10.05
8) B	Heptachlor epoxide	3.699	3.760	3.705	3.464	2.988	3.523 E6	9.08
9) A	Endosulfan I	3.390	3.439	3.387	3.187	2.980	3.277 E6	5.86
10) B	gamma-Chlordane	3.579	3.639	3.567	3.336	3.077	3.440 E6	6.79
11) B	alpha-Chlordane	3.571	3.598	3.545	3.354	3.100	3.433 E6	6.11
12) B	4,4'-DDE	2.622	2.676	2.622	2.410	2.207	2.507 E6	7.83
13) MA	Dieldrin	3.390	3.498	3.417	3.123	2.774	3.240 E6	9.15
14) MA	Endrin	2.328	2.268	2.234	2.149	2.055	2.207 E6	4.83
15) B	Endosulfan II	2.644	2.639	2.614	2.505	2.519	2.584 E6	2.60
16) A	4,4'-DDD	2.081	2.095	2.070	1.951	1.852	2.010 E6	5.22
17) MA	4,4'-DDT	2.077	2.057	2.021	1.930	1.840	1.985 E6	4.97
18) B	Endrin aldehyde	1.865	1.854	1.850	1.814	1.692	1.815 E6	3.93
19) B	Endosulfan Sulfate	2.560	2.535	2.510	2.415	2.315	2.467 E6	4.11
20) A	Methoxychlor	1.114	1.055	1.051	1.066	1.037	1.065 E6	2.75
21) B	Endrin ketone	2.649	2.698	2.662	2.480	2.263	2.550 E6	7.10
22)	Mirex	2.360	2.290	2.304	2.235	2.073	2.252 E6	4.87
23)	Chlordane-1	1.256	1.252	1.244	1.237	1.087	1.215 E5	5.93
24)	Chlordane-2	1.311	1.264	1.272	1.337	1.275	1.292 E5	2.42
25)	Chlordane-3	5.000	5.178	5.062	4.795	4.196	4.846 E5	8.03
26)	Chlordane-4	6.259	6.380	6.270	6.085	5.421	6.083 E5	6.32
27)	Chlordane-5	9.017	9.149	8.964	8.770	8.267	8.834 E4	3.90
28) SA	Decachlorobiphenyl	2.367	2.287	2.284	2.322	2.169	2.286 E6	3.21

Signal #2 Calibration Files

50 =PL087009.D 100 =PL087007.D 75 =PL087008.D
 25 =PL087010.D 5 =PL087011.D

	Compound	50	100	75	25	5	Avg	%RSD
1) SA	Tetrachloro-m-xylene	1.013	1.016	1.008	0.962	0.891	0.978 E6	5.46
2) A	alpha-BHC	1.369	1.449	1.408	1.211	0.971	1.282 E6	15.27
3) MA	gamma-BHC (Lindane)	1.339	1.393	1.362	1.213	1.026	1.267 E6	11.93
4) MA	Heptachlor	1.303	1.328	1.294	1.213	1.086	1.245 E6	7.93
5) MB	Aldrin	1.273	1.306	1.283	1.162	0.990	1.203 E6	10.89
6) B	beta-BHC	5.879	5.679	5.732	5.739	5.339	5.673 E5	3.55
7) B	delta-BHC	1.297	1.342	1.316	1.154	0.968	1.215 E6	12.87
8) B	Heptachlor epoxide	1.156	1.153	1.144	1.085	0.984	1.105 E6	6.64
9) A	Endosulfan I	1.054	1.046	1.044	1.025	1.145	1.063 E6	4.43
10) B	gamma-Chlordane	1.095	1.119	1.112	1.034	1.019	1.076 E6	4.30
11) B	alpha-Chlordane	1.116	1.118	1.117	1.072	1.150	1.114 E6	2.47
12) B	4,4'-DDE	9.413	9.693	9.512	8.533	7.283	8.887 E5	11.27
13) MA	Dieldrin	1.055	1.080	1.061	0.966	0.849	1.002 E6	9.60
14) MA	Endrin	8.654	8.389	8.296	8.080	7.371	8.158 E5	5.95
15) B	Endosulfan II	9.147	9.022	9.001	8.734	8.107	8.802 E5	4.73
16) A	4,4'-DDD	8.169	8.268	8.192	7.556	6.578	7.752 E5	9.23
17) MA	4,4'-DDT	8.001	7.886	7.788	7.471	6.818	7.593 E5	6.27
18) B	Endrin aldehyde	6.922	6.634	6.726	6.897	7.059	6.848 E5	2.45
19) B	Endosulfan Sulfate	9.114	8.823	8.851	8.856	8.478	8.824 E5	2.57
20) A	Methoxychlor	4.995	4.562	4.638	4.934	4.777	4.781 E5	3.88
21) B	Endrin ketone	1.058	1.045	1.045	1.008	0.899	1.011 E6	6.46
22)	Mirex	9.041	8.356	8.511	9.240	9.219	8.873 E5	4.65

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	Compound	50	100	75	25	5	Avg	%RSD
23)	Chlordane-1	3.353	3.459	3.425	3.316	3.096	3.330 E4	4.28
24)	Chlordane-2	4.075	4.061	4.095	4.182	3.960	4.074 E4	1.95
25)	Chlordane-3	1.041	1.112	1.075	0.975	0.871	1.015 E5	9.36
26)	Chlordane-4	1.096	1.159	1.124	1.046	1.014	1.088 E5	5.37
27)	Chlordane-5	2.882	2.914	2.874	2.825	2.425	2.784 E4	7.30
28) SA	Decachlorobiphenyl	0.986	0.903	0.926	1.003	0.992	0.962 E6	4.65

(#) = Out of Range