

Method Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\
 Method File : PL121523.M
 Title : GC Extractables
 Last Update : Sat Dec 16 04:03:23 2023
 Response Via : Initial Calibration

Calibration Files

50 =PL087177.D 100 =PL087175.D 75 =PL087176.D
 25 =PL087178.D 5 =PL087179.D

	Compound	50	100	75	25	5	Avg	%RSD
1) SA	Tetrachloro-m-xylene	3.780	3.829	3.777	3.700	3.730	3.763 E6	1.32
2) A	alpha-BHC	5.603	5.978	5.773	5.173	4.543	5.414 E6	10.53
3) MA	gamma-BHC (Lindane)	5.373	5.662	5.486	5.037	4.721	5.256 E6	7.15
4) MA	Heptachlor	5.373	5.563	5.429	5.165	5.103	5.327 E6	3.57
5) MB	Aldrin	5.273	5.551	5.374	4.993	4.841	5.206 E6	5.52
6) B	beta-BHC	2.247	2.233	2.219	2.319	2.467	2.297 E6	4.48
7) B	delta-BHC	5.311	5.648	5.453	4.976	4.760	5.229 E6	6.87
8) B	Heptachlor epoxide	4.769	4.954	4.826	4.591	4.423	4.713 E6	4.41
9) A	Endosulfan I	4.473	4.648	4.528	4.327	4.356	4.466 E6	2.93
10) B	gamma-Chlordane	4.867	5.079	4.929	4.682	4.684	4.848 E6	3.49
11) B	alpha-Chlordane	4.810	4.987	4.860	4.674	4.699	4.806 E6	2.64
12) B	4,4'-DDE	4.200	4.493	4.308	3.947	3.772	4.144 E6	6.92
13) MA	Dieldrin	4.703	4.987	4.818	4.447	4.249	4.641 E6	6.34
14) MA	Endrin	3.884	4.119	3.978	3.690	3.566	3.847 E6	5.76
15) B	Endosulfan II	3.931	4.095	3.968	3.843	4.214	4.010 E6	3.63
16) A	4,4'-DDD	3.344	3.589	3.442	3.166	2.984	3.305 E6	7.15
17) MA	4,4'-DDT	3.795	4.042	3.880	3.613	3.471	3.760 E6	5.95
18) B	Endrin aldehyde	2.870	2.959	2.877	2.836	2.950	2.898 E6	1.86
19) B	Endosulfan Sulfate	3.903	4.060	3.935	3.815	3.921	3.927 E6	2.24
20) A	Methoxychlor	1.921	1.981	1.913	1.921	2.014	1.950 E6	2.31
21) B	Endrin ketone	4.084	4.320	4.148	3.945	3.845	4.068 E6	4.52
22)	Mirex	3.318	3.322	3.262	3.378	3.560	3.368 E6	3.41
23)	Chlordane-1	1.573	1.606	1.540	1.542	1.628	1.578 E5	2.45
24)	Chlordane-2	1.709	1.672	1.622	1.741	1.966	1.742 E5	7.63
25)	Chlordane-3	7.062	7.403	6.882	6.673	6.834	6.971 E5	3.99
26)	Chlordane-4	8.612	8.894	8.310	8.267	8.671	8.551 E5	3.06
27)	Chlordane-5	1.387	1.434	1.317	1.346	1.422	1.381 E5	3.58
28) SA	Decachlorobiphenyl	3.337	3.467	3.325	3.413	3.507	3.410 E6	2.32

Signal #2 Calibration Files

50 =PL087177.D 100 =PL087175.D 75 =PL087176.D
 25 =PL087178.D 5 =PL087179.D

	Compound	50	100	75	25	5	Avg	%RSD
1) SA	Tetrachloro-m-xylene	1.692	1.727	1.698	1.645	1.654	1.683 E6	2.00
2) A	alpha-BHC	2.559	2.710	2.628	2.359	2.032	2.458 E6	11.03
3) MA	gamma-BHC (Lindane)	2.498	2.616	2.545	2.335	2.119	2.422 E6	8.20
4) MA	Heptachlor	2.440	2.514	2.470	2.322	2.206	2.390 E6	5.23
5) MB	Aldrin	2.462	2.584	2.513	2.312	2.118	2.398 E6	7.73
6) B	beta-BHC	1.041	1.041	1.030	1.037	1.056	1.041 E6	0.91
7) B	delta-BHC	2.529	2.674	2.592	2.355	2.082	2.446 E6	9.61
8) B	Heptachlor epoxide	2.259	2.332	2.279	2.163	2.094	2.225 E6	4.29
9) A	Endosulfan I	2.141	2.221	2.159	2.079	2.205	2.161 E6	2.60
10) B	gamma-Chlordane	2.292	2.401	2.329	2.208	2.208	2.287 E6	3.61
11) B	alpha-Chlordane	2.297	2.384	2.323	2.234	2.302	2.308 E6	2.33
12) B	4,4'-DDE	2.039	2.181	2.107	1.903	1.697	1.986 E6	9.63
13) MA	Dieldrin	2.284	2.417	2.335	2.147	1.955	2.228 E6	8.13
14) MA	Endrin	2.038	2.142	2.081	1.930	1.788	1.996 E6	7.00
15) B	Endosulfan II	1.935	2.013	1.958	1.879	1.950	1.947 E6	2.47
16) A	4,4'-DDD	1.698	1.808	1.741	1.602	1.429	1.656 E6	8.87
17) MA	4,4'-DDT	1.879	2.002	1.928	1.779	1.634	1.844 E6	7.75
18) B	Endrin aldehyde	1.448	1.485	1.449	1.440	1.517	1.468 E6	2.22
19) B	Endosulfan Sulfate	1.881	1.958	1.903	1.836	1.840	1.884 E6	2.67
20) A	Methoxychlor	1.017	1.028	1.008	1.022	1.032	1.021 E6	0.92
21) B	Endrin ketone	2.151	2.243	2.172	2.086	1.992	2.129 E6	4.46
22)	Mirex	1.735	1.737	1.710	1.777	1.936	1.779 E6	5.12

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	Compound	50	100	75	25	5	Avg		%RSD
23)	Chlordane-1	6.164	6.378	6.067	5.998	6.410	6.203	E4	2.97
24)	Chlordane-2	7.645	7.531	7.280	7.751	8.179	7.677	E4	4.30
25)	Chlordane-3	2.259	2.390	2.217	2.110	2.077	2.211	E5	5.67
26)	Chlordane-4	2.367	2.489	2.305	2.222	2.258	2.328	E5	4.52
27)	Chlordane-5	6.557	6.803	6.247	6.335	6.408	6.470	E4	3.37
28) SA	Decachlorobiphenyl	1.635	1.710	1.643	1.672	1.785	1.689	E6	3.62

(#) = Out of Range