

Method Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\
 Method File : PL051923.M
 Title : GC Extractables
 Last Update : Sat May 20 04:58:53 2023
 Response Via : Initial Calibration

Calibration Files

50 =PL082809.D 100 =PL082807.D 75 =PL082808.D
 25 =PL082810.D 5 =PL082811.D

	Compound	50	100	75	25	5	Avg	%RSD
1) SA	Tetrachloro-m-xylene	3.018	2.927	2.858	3.060	2.832	2.939 E6	3.36
2) A	alpha-BHC	4.718	4.674	4.504	4.450	3.850	4.439 E6	7.84
3) MA	gamma-BHC (Lindane)	4.306	4.282	4.179	4.177	3.770	4.143 E6	5.23
4) MA	Heptachlor	3.934	3.884	3.744	3.943	3.607	3.822 E6	3.78
5) MB	Aldrin	3.692	3.662	3.492	3.580	3.166	3.518 E6	6.02
6) B	beta-BHC	1.857	1.759	1.703	1.961	2.134	1.883 E6	9.11
7) B	delta-BHC	3.553	3.595	3.443	3.404	3.200	3.439 E6	4.50
8) B	Heptachlor epoxide	3.197	3.088	3.038	3.259	3.412	3.199 E6	4.62
9) A	Endosulfan I	3.014	2.951	2.853	3.095	3.091	3.001 E6	3.39
10) B	gamma-Chlordane	3.232	3.179	3.068	3.289	3.117	3.177 E6	2.78
11) B	alpha-Chlordane	3.216	3.129	3.045	3.310	3.347	3.209 E6	3.90
12) B	4,4'-DDE	2.832	2.810	2.782	2.786	2.572	2.757 E6	3.80
13) MA	Dieldrin	3.078	3.054	2.965	3.079	2.862	3.008 E6	3.13
14) MA	Endrin	2.735	2.721	2.646	2.745	2.588	2.687 E6	2.51
15) B	Endosulfan II	2.712	2.538	2.523	2.927	4.280	2.996 E6	24.58
16) A	4,4'-DDD	2.241	2.236	2.178	2.249	1.962	2.173 E6	5.58
17) MA	4,4'-DDT	2.558	2.483	2.435	2.530	2.510	2.503 E6	1.88
18) B	Endrin aldehyde	2.035	1.961	1.936	2.075	2.046	2.011 E6	2.96
19) B	Endosulfan Sulfate	2.581	2.476	2.449	2.684	2.629	2.564 E6	3.89
20) A	Methoxychlor	1.334	1.266	1.258	1.405	1.349	1.322 E6	4.63
21) B	Endrin ketone	2.609	2.563	2.502	2.642	2.437	2.551 E6	3.23
22)	Mirex	2.077	1.918	1.929	2.243	2.313	2.096 E6	8.57
23)	Chlordane-1	1.075	1.110	1.047	1.181	1.057	1.094 E5	4.96
24)	Chlordane-2	1.104	1.112	1.078	1.185	1.029	1.102 E5	5.17
25)	Chlordane-3	4.112	4.427	4.152	4.191	3.863	4.149 E5	4.86
26)	Chlordane-4	5.018	5.323	5.035	5.174	4.767	5.064 E5	4.08
27)	Chlordane-5	8.301	8.653	8.169	8.775	7.135	8.207 E4	7.90
28) SA	Decachlorobiphenyl	2.063	1.896	1.936	2.148	2.443	2.097 E6	10.39

Signal #2 Calibration Files

50 =PL082809.D 100 =PL082807.D 75 =PL082808.D
 25 =PL082810.D 5 =PL082811.D

	Compound	50	100	75	25	5	Avg	%RSD
1) SA	Tetrachloro-m-xylene	2.701	2.573	2.531	2.666	2.509	2.596 E6	3.23
2) A	alpha-BHC	3.963	3.972	3.821	3.718	3.183	3.731 E6	8.69
3) MA	gamma-BHC (Lindane)	3.476	3.457	3.342	3.319	3.072	3.333 E6	4.85
4) MA	Heptachlor	3.812	3.736	3.641	3.717	3.400	3.661 E6	4.32
5) MB	Aldrin	3.399	3.382	3.267	3.260	2.960	3.254 E6	5.42
6) B	beta-BHC	1.472	1.377	1.368	1.491	1.443	1.430 E6	3.86
7) B	delta-BHC	3.475	3.482	3.358	3.259	2.808	3.276 E6	8.47
8) B	Heptachlor epoxide	3.062	2.962	2.910	3.032	2.874	2.968 E6	2.67
9) A	Endosulfan I	2.881	2.808	2.747	2.854	2.681	2.794 E6	2.90
10) B	gamma-Chlordane	3.086	3.030	2.955	3.039	2.907	3.003 E6	2.38
11) B	alpha-Chlordane	3.090	3.002	2.944	3.062	2.913	3.002 E6	2.51
12) B	4,4'-DDE	2.541	2.566	2.477	2.415	2.146	2.429 E6	6.95
13) MA	Dieldrin	2.935	2.922	2.838	2.834	2.586	2.823 E6	4.97
14) MA	Endrin	2.621	2.590	2.523	2.562	2.389	2.537 E6	3.56
15) B	Endosulfan II	2.473	2.385	2.347	2.497	2.668	2.474 E6	5.04
16) A	4,4'-DDD	2.013	2.030	1.968	1.919	1.687	1.923 E6	7.22
17) MA	4,4'-DDT	2.325	2.335	2.267	2.233	1.995	2.231 E6	6.20
18) B	Endrin aldehyde	1.990	1.893	1.877	2.019	2.108	1.977 E6	4.81
19) B	Endosulfan Sulfate	2.498	2.394	2.370	2.505	2.478	2.449 E6	2.56
20) A	Methoxychlor	1.297	1.222	1.227	1.326	1.287	1.272 E6	3.59
21) B	Endrin ketone	2.772	2.689	2.651	2.754	2.652	2.704 E6	2.10
22)	Mirex	2.363	2.184	2.198	2.481	2.473	2.340 E6	6.14

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	Compound	50	100	75	25	5	Avg		%RSD
23)	Chlordane-1	8.144	8.711	8.125	8.431	7.846	8.251	E4	4.00
24)	Chlordane-2	8.849	9.029	8.634	9.324	8.678	8.903	E4	3.17
25)	Chlordane-3	2.671	2.937	2.728	2.639	2.349	2.665	E5	7.93
26)	Chlordane-4	2.810	3.064	2.838	2.837	2.538	2.818	E5	6.62
27)	Chlordane-5	0.943	1.006	0.931	0.978	1.000	0.971	E5	3.48
28) SA	Decachlorobiphenyl	2.446	2.245	2.278	2.593	2.871	2.487	E6	10.30

(#) = Out of Range