

Method Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\
 Method File : PL030223.M
 Title : GC Extractables
 Last Update : Fri Mar 03 01:48:45 2023
 Response Via : Initial Calibration

Calibration Files

50 =PL081185.D 100 =PL081183.D 75 =PL081184.D
 25 =PL081186.D 5 =PL081187.D

	Compound	50	100	75	25	5	Avg	%RSD
1) SA	Tetrachloro-m-xylene	2.178	2.240	2.167	2.092	2.126	2.161 E6	2.59
2) A	alpha-BHC	3.278	3.533	3.350	2.962	2.783	3.181 E6	9.54
3) MA	gamma-BHC (Lindane)	3.042	3.216	3.070	2.788	2.676	2.959 E6	7.45
4) MA	Heptachlor	2.798	2.904	2.798	2.647	2.651	2.759 E6	3.98
5) MB	Aldrin	2.591	2.717	2.600	2.428	2.385	2.544 E6	5.35
6) B	beta-BHC	1.353	1.322	1.312	1.311	1.585	1.376 E6	8.56
7) B	delta-BHC	2.834	2.972	2.853	2.590	2.648	2.779 E6	5.66
8) B	Heptachlor epoxide	2.360	2.396	2.323	2.331	2.390	2.360 E6	1.41
9) A	Endosulfan I	2.121	2.151	2.088	2.058	2.145	2.113 E6	1.86
10) B	gamma-Chlordane	2.296	2.355	2.279	2.202	2.279	2.282 E6	2.40
11) B	alpha-Chlordane	2.265	2.294	2.232	2.189	2.284	2.253 E6	1.90
12) B	4,4'-DDE	1.978	2.065	2.000	1.861	1.879	1.957 E6	4.36
13) MA	Dieldrin	2.125	2.200	2.112	2.002	2.026	2.093 E6	3.82
14) MA	Endrin	1.850	1.901	1.826	1.749	1.762	1.817 E6	3.46
15) B	Endosulfan II	1.736	1.751	1.705	1.690	1.835	1.743 E6	3.24
16) A	4,4'-DDD	1.567	1.621	1.555	1.481	1.473	1.539 E6	4.03
17) MA	4,4'-DDT	1.592	1.645	1.588	1.528	1.584	1.587 E6	2.60
18) B	Endrin aldehyde	1.438	1.430	1.398	1.414	1.476	1.431 E6	2.07
19) B	Endosulfan Sulfate	1.804	1.797	1.753	1.747	1.877	1.795 E6	2.91
20) A	Methoxychlor	8.721	8.539	8.483	8.618	8.707	8.614 E5	1.20
21) B	Endrin ketone	1.845	1.857	1.810	1.770	1.786	1.814 E6	2.05
22)	Mirex	1.452	1.386	1.385	1.474	1.598	1.459 E6	5.99
23)	Chlordane-1	9.720	9.847	9.790	9.453	9.058	9.574 E4	3.40
24)	Chlordane-2	1.009	0.972	0.984	1.009	1.031	1.001 E5	2.31
25)	Chlordane-3	3.663	3.786	3.732	3.514	3.594	3.658 E5	2.96
26)	Chlordane-4	4.380	4.466	4.424	4.269	4.437	4.395 E5	1.76
27)	Chlordane-5	7.285	7.275	7.284	7.397	8.440	7.536 E4	6.74
28) SA	Decachlorobiphenyl	1.514	1.453	1.448	1.522	1.685	1.525 E6	6.28

Signal #2 Calibration Files

50 =PL081185.D 100 =PL081183.D 75 =PL081184.D
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	Compound	50	100	75	25	5	Avg	%RSD
1) SA	Tetrachloro-m-xylene	2.060	2.114	2.044	1.949	1.951	2.024 E6	3.56
2) A	alpha-BHC	3.004	3.264	3.080	2.713	2.592	2.931 E6	9.36
3) MA	gamma-BHC (Lindane)	2.822	3.009	2.859	2.580	2.485	2.751 E6	7.79
4) MA	Heptachlor	2.819	2.967	2.844	2.625	2.544	2.760 E6	6.23
5) MB	Aldrin	2.671	2.848	2.712	2.484	2.394	2.622 E6	6.95
6) B	beta-BHC	1.170	1.176	1.148	1.137	1.172	1.161 E6	1.48
7) B	delta-BHC	2.633	2.829	2.681	2.346	2.245	2.547 E6	9.56
8) B	Heptachlor epoxide	2.456	2.537	2.446	2.326	2.325	2.418 E6	3.79
9) A	Endosulfan I	2.309	2.369	2.295	2.177	2.169	2.264 E6	3.87
10) B	gamma-Chlordane	2.473	2.588	2.475	2.341	2.361	2.448 E6	4.08
11) B	alpha-Chlordane	2.476	2.562	2.458	2.354	2.393	2.449 E6	3.27
12) B	4,4'-DDE	1.994	2.149	2.018	1.866	1.787	1.963 E6	7.15
13) MA	Dieldrin	2.317	2.459	2.331	2.142	2.022	2.254 E6	7.64
14) MA	Endrin	2.055	2.162	2.053	1.912	1.866	2.010 E6	5.95
15) B	Endosulfan II	1.893	1.953	1.873	1.794	1.706	1.844 E6	5.19
16) A	4,4'-DDD	1.592	1.692	1.601	1.463	1.323	1.534 E6	9.35
17) MA	4,4'-DDT	1.652	1.744	1.657	1.529	1.439	1.604 E6	7.48
18) B	Endrin aldehyde	1.534	1.550	1.501	1.478	1.512	1.515 E6	1.84
19) B	Endosulfan Sulfate	1.941	1.967	1.902	1.859	1.942	1.922 E6	2.21
20) A	Methoxychlor	9.473	9.347	9.142	9.263	9.179	9.281 E5	1.44
21) B	Endrin ketone	2.188	2.236	2.156	2.087	2.099	2.153 E6	2.89
22)	Mirex	1.918	1.858	1.833	1.944	2.070	1.925 E6	4.82

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	Compound	50	100	75	25	5	Avg		%RSD

23)	Chlordane-1	8.287	8.366	8.314	8.027	8.234	8.246	E4	1.59
24)	Chlordane-2	1.016	0.991	0.998	1.019	1.095	1.024	E5	4.03
25)	Chlordane-3	2.725	2.852	2.804	2.571	2.560	2.703	E5	4.93
26)	Chlordane-4	2.803	2.918	2.869	2.684	2.767	2.808	E5	3.22
27)	Chlordane-5	7.076	7.151	7.181	6.820	6.314	6.908	E4	5.23
28) SA	Decachlorobiphenyl	1.923	1.854	1.828	1.921	2.052	1.916	E6	4.52

(#) = Out of Range