

Method Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\
 Method File : PL012724.M
 Title : GC Extractables
 Last Update : Sat Jan 27 04:42:48 2024
 Response Via : Initial Calibration

Calibration Files

50 =PL087989.D 100 =PL087987.D 75 =PL087988.D
 25 =PL087990.D 5 =PL087991.D

	Compound	50	100	75	25	5	Avg	%RSD
1) SA	Tetrachloro-m-xylene	2.870	2.938	2.896	2.832	2.967	2.901 E6	1.85
2) A	alpha-BHC	4.427	4.769	4.593	4.111	3.854	4.351 E6	8.47
3) MA	gamma-BHC (Lindane)	4.267	4.529	4.387	4.036	3.938	4.231 E6	5.77
4) MA	Heptachlor	4.137	4.301	4.210	4.008	4.143	4.160 E6	2.59
5) MB	Aldrin	4.106	4.310	4.181	3.913	3.912	4.085 E6	4.23
6) B	beta-BHC	1.793	1.784	1.770	1.802	2.084	1.846 E6	7.22
7) B	delta-BHC	4.048	4.307	4.172	3.853	3.977	4.071 E6	4.30
8) B	Heptachlor epoxide	3.694	3.773	3.711	3.656	4.054	3.778 E6	4.24
9) A	Endosulfan I	3.342	3.435	3.356	3.298	3.559	3.398 E6	3.02
10) B	gamma-Chlordane	3.618	3.755	3.663	3.551	3.924	3.702 E6	3.90
11) B	alpha-Chlordane	3.610	3.710	3.628	3.562	3.823	3.667 E6	2.80
12) B	4,4'-DDE	3.008	3.194	3.072	2.875	2.889	3.008 E6	4.42
13) MA	Dieldrin	3.538	3.713	3.602	3.411	3.499	3.553 E6	3.19
14) MA	Endrin	3.004	3.135	3.043	2.919	3.003	3.021 E6	2.59
15) B	Endosulfan II	2.948	3.008	2.955	2.944	3.329	3.037 E6	5.45
16) A	4,4'-DDD	2.380	2.511	2.418	2.312	2.409	2.406 E6	3.00
17) MA	4,4'-DDT	2.715	2.836	2.743	2.654	2.737	2.737 E6	2.40
18) B	Endrin aldehyde	2.288	2.310	2.266	2.301	2.474	2.328 E6	3.59
19) B	Endosulfan Sulfate	2.842	2.886	2.829	2.853	3.061	2.894 E6	3.31
20) A	Methoxychlor	1.520	1.495	1.487	1.558	1.709	1.554 E6	5.85
21) B	Endrin ketone	3.024	3.108	3.047	2.992	3.137	3.062 E6	1.96
22)	Mirex	2.586	2.483	2.491	2.729	3.168	2.692 E6	10.56
23)	Chlordane-1	1.275	1.316	1.285	1.295	1.364	1.307 E5	2.71
24)	Chlordane-2	1.387	1.366	1.366	1.451	1.579	1.430 E5	6.34
25)	Chlordane-3	5.276	5.528	5.367	5.217	5.323	5.342 E5	2.21
26)	Chlordane-4	6.493	6.687	6.540	6.511	6.652	6.577 E5	1.33
27)	Chlordane-5	1.071	1.085	1.070	1.098	1.157	1.096 E5	3.25
28) SA	Decachlorobiphenyl	2.587	2.501	2.496	2.717	3.099	2.680 E6	9.35

Signal #2 Calibration Files

50 =PL087989.D 100 =PL087987.D 75 =PL087988.D
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	Compound	50	100	75	25	5	Avg	%RSD
1) SA	Tetrachloro-m-xylene	1.248	1.282	1.248	1.217	1.212	1.241 E6	2.29
2) A	alpha-BHC	1.892	2.043	1.979	1.724	1.561	1.840 E6	10.69
3) MA	gamma-BHC (Lindane)	1.833	1.963	1.909	1.710	1.604	1.804 E6	8.12
4) MA	Heptachlor	1.753	1.851	1.808	1.663	1.620	1.739 E6	5.57
5) MB	Aldrin	1.756	1.876	1.810	1.651	1.595	1.738 E6	6.60
6) B	beta-BHC	7.510	7.593	7.549	7.517	7.667	7.567 E5	0.85
7) B	delta-BHC	1.775	1.913	1.850	1.642	1.515	1.739 E6	9.26
8) B	Heptachlor epoxide	1.561	1.634	1.592	1.505	1.494	1.557 E6	3.79
9) A	Endosulfan I	1.426	1.489	1.448	1.374	1.336	1.415 E6	4.26
10) B	gamma-Chlordane	1.548	1.641	1.584	1.481	1.465	1.544 E6	4.74
11) B	alpha-Chlordane	1.561	1.634	1.587	1.507	1.503	1.558 E6	3.55
12) B	4,4'-DDE	1.302	1.415	1.353	1.210	1.107	1.278 E6	9.49
13) MA	Dieldrin	1.556	1.659	1.600	1.462	1.390	1.533 E6	7.03
14) MA	Endrin	1.369	1.450	1.401	1.303	1.249	1.354 E6	5.89
15) B	Endosulfan II	1.312	1.371	1.332	1.267	1.237	1.304 E6	4.04
16) A	4,4'-DDD	1.069	1.150	1.102	1.003	0.934	1.052 E6	8.07
17) MA	4,4'-DDT	1.205	1.287	1.236	1.142	1.065	1.187 E6	7.26
18) B	Endrin aldehyde	1.006	1.032	1.005	0.991	1.015	1.010 E6	1.51
19) B	Endosulfan Sulfate	1.266	1.304	1.272	1.243	1.265	1.270 E6	1.73
20) A	Methoxychlor	7.084	7.034	6.953	7.193	7.224	7.098 E5	1.58
21) B	Endrin ketone	1.495	1.539	1.506	1.461	1.424	1.485 E6	2.96
22)	Mirex	1.257	1.241	1.231	1.291	1.422	1.288 E6	6.05

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	Compound	50	100	75	25	5	Avg		%RSD
23)	Chlordane-1	4.567	4.747	4.631	4.536	4.594	4.615	E4	1.76
24)	Chlordane-2	5.808	5.728	5.734	6.120	6.659	6.010	E4	6.60
25)	Chlordane-3	1.575	1.668	1.617	1.539	1.500	1.580	E5	4.16
26)	Chlordane-4	1.663	1.768	1.698	1.623	1.600	1.670	E5	3.96
27)	Chlordane-5	4.517	4.608	4.532	4.540	4.609	4.561	E4	0.97
28) SA	Decachlorobiphenyl	1.185	1.156	1.148	1.234	1.358	1.216	E6	7.08

(#) = Out of Range