

Method Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\
 Method File : PL020821.M
 Title : GC Extractables
 Last Update : Tue Feb 09 04:41:29 2021
 Response Via : Initial Calibration

Calibration Files

50 =PL064665.D 100 =PL064663.D 75 =PL064664.D
 25 =PL064666.D 5 =PL064667.D

	Compound	50	100	75	25	5	Avg	%RSD
1) SA	Tetrachloro-m-xylene	2.734	2.762	2.804	2.807	2.962	2.814 E6	3.14
2) A	alpha-BHC	4.577	4.770	4.787	4.477	4.578	4.638 E6	2.91
3) MA	gamma-BHC (Lindane)	4.215	4.344	4.355	4.178	4.525	4.323 E6	3.17
4) MA	Heptachlor	4.029	4.117	4.114	4.056	4.186	4.100 E6	1.49
5) MB	Aldrin	3.688	3.788	3.782	3.641	3.719	3.724 E6	1.68
6) B	beta-BHC	1.663	1.653	1.671	1.723	1.835	1.709 E6	4.40
7) B	delta-BHC	4.023	4.195	4.175	3.914	3.905	4.042 E6	3.42
8) B	Heptachlor epoxide	3.413	3.422	3.433	3.431	3.660	3.472 E6	3.04
9) A	Endosulfan I	3.124	3.128	3.136	3.223	3.424	3.207 E6	3.99
10) B	gamma-Chlordane	3.417	3.439	3.434	3.478	3.763	3.506 E6	4.14
11) B	alpha-Chlordane	3.380	3.370	3.371	3.452	3.745	3.464 E6	4.64
12) B	4,4'-DDE	3.093	3.185	3.146	3.059	3.163	3.129 E6	1.65
13) MA	Dieldrin	3.229	3.302	3.284	3.212	3.374	3.280 E6	1.96
14) MA	Endrin	2.936	3.007	2.988	2.956	3.129	3.003 E6	2.52
15) B	Endosulfan II	2.806	2.812	2.811	2.859	3.109	2.879 E6	4.53
16) A	4,4'-DDD	2.514	2.567	2.551	2.492	2.540	2.533 E6	1.18
17) MA	4,4'-DDT	2.290	2.432	2.373	2.201	1.978	2.255 E6	7.87
18) B	Endrin aldehyde	2.361	2.315	2.337	2.443	2.735	2.438 E6	7.09
19) B	Endosulfan Sulfate	2.755	2.737	2.745	2.823	3.119	2.836 E6	5.70
20) A	Methoxychlor	1.304	1.295	1.293	1.293	1.290	1.295 E6	0.41
21) B	Endrin ketone	2.853	2.862	2.853	2.851	2.921	2.868 E6	1.04
22)	Mirex	2.054	1.979	2.000	2.171	2.360	2.113 E6	7.43
23)	Chlordane-1	1.009	1.032	1.075	1.231	1.338	1.137 E5	12.49
24)	Chlordane-2	1.167	1.111	1.148	1.325	1.436	1.237 E5	11.17
25)	Chlordane-3	3.187	3.197	3.279	3.213	3.554	3.286 E5	4.69
26)	Chlordane-4	2.616	2.715	2.737	2.725	2.965	2.751 E5	4.67
27)	Chlordane-5	0.984	1.003	1.012	0.989	1.070	1.012 E5	3.41
28) SA	Decachlorobiphenyl	2.195	2.087	2.122	2.299	2.541	2.249 E6	8.10

Signal #2 Calibration Files

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 25 =PL064666.D 5 =PL064667.D

	Compound	50	100	75	25	5	Avg	%RSD
1) SA	Tetrachloro-m-xylene	2.106	2.120	2.138	2.140	2.297	2.160 E6	3.61
2) A	alpha-BHC	3.037	3.229	3.168	2.906	2.805	3.029 E6	5.83
3) MA	gamma-BHC (Lindane)	2.812	2.961	2.916	2.751	2.763	2.840 E6	3.30
4) MA	Heptachlor	2.867	2.932	2.923	2.878	3.214	2.963 E6	4.83
5) MB	Aldrin	2.410	2.537	2.489	2.379	2.447	2.452 E6	2.55
6) B	beta-BHC	1.305	1.258	1.282	1.419	2.145	1.482 E6	25.36
7) B	delta-BHC	2.603	2.721	2.685	2.520	2.981	2.702 E6	6.45
8) B	Heptachlor epoxide	2.222	2.292	2.259	2.163	2.095	2.206 E6	3.56
9) A	Endosulfan I	2.064	2.104	2.080	2.080	2.159	2.097 E6	1.77
10) B	gamma-Chlordane	2.270	2.322	2.289	2.284	2.389	2.311 E6	2.07
11) B	alpha-Chlordane	2.262	2.296	2.270	2.286	2.397	2.302 E6	2.37
12) B	4,4'-DDE	2.016	2.113	2.054	1.974	1.983	2.028 E6	2.82
13) MA	Dieldrin	2.106	2.194	2.146	2.097	2.145	2.138 E6	1.81
14) MA	Endrin	1.775	1.848	1.834	1.783	1.799	1.808 E6	1.77
15) B	Endosulfan II	1.836	1.856	1.845	1.874	2.011	1.884 E6	3.83
16) A	4,4'-DDD	1.696	1.717	1.694	1.762	1.798	1.734 E6	2.62
17) MA	4,4'-DDT	1.552	1.644	1.597	1.487	1.344	1.525 E6	7.64
18) B	Endrin aldehyde	1.588	1.584	1.579	1.638	1.752	1.628 E6	4.49
19) B	Endosulfan Sulfate	1.774	1.783	1.777	1.799	1.866	1.800 E6	2.12
20) A	Methoxychlor	9.150	9.209	9.136	8.975	8.728	9.040 E5	2.15
21) B	Endrin ketone	1.896	1.924	1.902	1.903	1.933	1.912 E6	0.82
22)	Mirex	1.382	1.354	1.367	1.434	1.413	1.390 E6	2.38

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	Compound	50	100	75	25	5	Avg		%RSD

23)	Chlordane-1	8.529	8.487	8.449	9.871	8.578	8.783	E4	6.95
24)	Chlordane-2	8.418	8.113	8.472	8.793	9.801	8.719	E4	7.47
25)	Chlordane-3	2.939	3.002	3.053	2.969	3.325	3.058	E5	5.08
26)	Chlordane-4	3.559	3.585	3.660	3.618	4.102	3.705	E5	6.08
27)	Chlordane-5	5.637	5.689	5.931	5.465	5.495	5.643	E4	3.30
28) SA	Decachlorobiphenyl	1.868	1.806	1.816	1.931	2.075	1.899	E6	5.80

(#) = Out of Range