

Method Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\
 Method File : PL123022.M
 Title : GC Extractables
 Last Update : Fri Dec 30 05:17:19 2022
 Response Via : Initial Calibration

Calibration Files

50 =PL079963.D 100 =PL079961.D 75 =PL079962.D
 25 =PL079964.D 5 =PL079965.D

	Compound	50	100	75	25	5	Avg		%RSD
1) SA	Tetrachloro-m-xylene	1.391	1.394	1.386	1.404	1.362	1.387	E6	1.14
2) A	alpha-BHC	1.947	2.062	1.995	1.878	1.701	1.917	E6	7.20
3) MA	gamma-BHC (Lindane)	1.774	1.850	1.793	1.724	1.576	1.743	E6	5.96
4) MA	Heptachlor	1.780	1.805	1.778	1.758	1.854	1.795	E6	2.05
5) MB	Aldrin	1.693	1.740	1.715	1.642	1.568	1.672	E6	4.07
6) B	beta-BHC	8.269	8.003	8.028	8.457	9.591	8.470	E5	7.72
7) B	delta-BHC	1.728	1.813	1.764	1.631	1.532	1.694	E6	6.63
8) B	Heptachlor epoxide	1.644	1.643	1.637	1.644	1.654	1.645	E6	0.37
9) A	Endosulfan I	1.552	1.548	1.542	1.550	1.602	1.559	E6	1.56
10) B	gamma-Chlordane	1.659	1.657	1.654	1.683	1.919	1.714	E6	6.72
11) B	alpha-Chlordane	1.649	1.640	1.637	1.659	1.723	1.662	E6	2.13
12) B	4,4'-DDE	1.463	1.514	1.481	1.441	1.477	1.475	E6	1.82
13) MA	Dieldrin	1.581	1.625	1.599	1.578	1.784	1.633	E6	5.29
14) MA	Endrin	1.280	1.324	1.280	1.279	1.396	1.312	E6	3.87
15) B	Endosulfan II	1.474	1.419	1.432	1.560	2.281	1.633	E6	22.42
16) A	4,4'-DDD	1.258	1.279	1.258	1.224	1.249	1.254	E6	1.58
17) MA	4,4'-DDT	1.267	1.276	1.243	1.247	1.309	1.268	E6	2.09
18) B	Endrin aldehyde	1.088	1.062	1.061	1.111	1.144	1.093	E6	3.23
19) B	Endosulfan Sulfate	1.455	1.425	1.419	1.455	1.485	1.448	E6	1.84
20) A	Methoxychlor	7.195	6.951	6.955	7.210	7.127	7.088	E5	1.79
21) B	Endrin ketone	1.553	1.539	1.539	1.537	1.413	1.516	E6	3.84
22)	Mirex	1.302	1.239	1.247	1.358	1.428	1.315	E6	6.02
23)	Chlordane-1	5.546	5.282	5.560	5.335	5.185	5.381	E4	3.07
24)	Chlordane-2	6.892	6.154	6.608	6.837	7.424	6.783	E4	6.80
25)	Chlordane-3	2.567	2.406	2.580	2.484	2.690	2.545	E5	4.20
26)	Chlordane-4	3.173	2.917	3.170	3.072	3.099	3.086	E5	3.38
27)	Chlordane-5	5.483	4.896	5.355	5.250	6.084	5.414	E4	8.01
28) SA	Decachlorobiphenyl	1.391	1.314	1.334	1.431	1.560	1.406	E6	6.96

Signal #2 Calibration Files

50 =PL079963.D 100 =PL079961.D 75 =PL079962.D
 25 =PL079964.D 5 =PL079965.D

	Compound	50	100	75	25	5	Avg		%RSD
1) SA	Tetrachloro-m-xylene	1.850	1.881	1.858	1.843	1.755	1.837	E6	2.63
2) A	alpha-BHC	2.575	2.765	2.673	2.430	2.109	2.510	E6	10.21
3) MA	gamma-BHC (Lindane)	2.437	2.573	2.503	2.317	2.113	2.389	E6	7.56
4) MA	Heptachlor	2.165	2.273	2.206	2.097	2.005	2.149	E6	4.80
5) MB	Aldrin	2.320	2.466	2.388	2.205	2.080	2.292	E6	6.65
6) B	beta-BHC	1.087	1.081	1.078	1.091	1.027	1.073	E6	2.43
7) B	delta-BHC	2.342	2.489	2.415	2.188	2.005	2.288	E6	8.46
8) B	Heptachlor epoxide	2.118	2.203	2.150	2.067	2.036	2.115	E6	3.14
9) A	Endosulfan I	1.994	2.066	2.023	1.969	2.183	2.047	E6	4.11
10) B	gamma-Chlordane	2.145	2.241	2.185	2.098	2.088	2.151	E6	2.95
11) B	alpha-Chlordane	2.139	2.210	2.163	2.097	2.072	2.136	E6	2.55
12) B	4,4'-DDE	1.849	1.972	1.891	1.754	1.642	1.821	E6	7.01
13) MA	Dieldrin	2.003	2.122	2.061	1.930	1.980	2.019	E6	3.68
14) MA	Endrin	1.543	1.641	1.558	1.492	1.506	1.548	E6	3.77
15) B	Endosulfan II	1.687	1.722	1.700	1.691	1.883	1.737	E6	4.79
16) A	4,4'-DDD	1.542	1.611	1.575	1.478	1.412	1.524	E6	5.20
17) MA	4,4'-DDT	1.325	1.397	1.329	1.268	1.249	1.314	E6	4.44
18) B	Endrin aldehyde	1.309	1.314	1.305	1.326	1.473	1.346	E6	5.34
19) B	Endosulfan Sulfate	1.709	1.738	1.721	1.702	1.841	1.742	E6	3.26
20) A	Methoxychlor	7.845	7.753	7.722	7.841	7.342	7.701	E5	2.69
21) B	Endrin ketone	1.893	1.917	1.909	1.845	1.667	1.846	E6	5.64
22)	Mirex	1.542	1.507	1.515	1.577	1.558	1.540	E6	1.90

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	Compound	50	100	75	25	5	Avg		%RSD
23)	Chlordane-1	6.346	6.304	6.244	6.290	6.271	6.291	E4	0.61
24)	Chlordane-2	7.028	6.650	6.744	7.012	6.487	6.784	E4	3.45
25)	Chlordane-3	2.111	2.132	2.076	1.968	1.840	2.025	E5	6.00
26)	Chlordane-4	2.065	2.087	2.055	1.947	1.852	2.001	E5	4.97
27)	Chlordane-5	5.539	5.408	5.382	5.563	5.218	5.422	E4	2.55
28) SA	Decachlorobiphenyl	1.679	1.622	1.639	1.706	1.715	1.672	E6	2.43

(#) = Out of Range