

Method Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\
 Method File : PL071521.M
 Title : GC Extractables
 Last Update : Thu Jul 15 03:58:22 2021
 Response Via : Initial Calibration

Calibration Files

50 =PL068125.D 100 =PL068123.D 75 =PL068124.D
 25 =PL068126.D 5 =PL068127.D

	Compound	50	100	75	25	5	Avg		%RSD
1) SA	Tetrachloro-m-xylene	3.916	3.963	3.886	3.955	4.435	4.031	E5	5.66
2) A	alpha-BHC	5.348	5.680	5.414	5.095	5.419	5.391	E5	3.87
3) MA	gamma-BHC (Lindane)	5.090	5.362	5.156	4.958	5.398	5.193	E5	3.57
4) MA	Heptachlor	5.345	5.552	5.388	5.325	6.003	5.523	E5	5.12
5) MB	Aldrin	4.930	5.180	5.099	4.791	5.142	5.028	E5	3.25
6) B	beta-BHC	2.421	2.368	2.353	2.525	3.336	2.600	E5	16.02
7) B	delta-BHC	4.971	5.275	5.073	4.738	4.866	4.985	E5	4.10
8) B	Heptachlor epoxide	4.640	4.805	4.694	4.656	5.094	4.778	E5	3.93
9) A	Endosulfan I	4.329	4.478	4.368	4.310	4.830	4.463	E5	4.82
10) B	gamma-Chlordane	4.651	4.836	4.723	4.630	5.222	4.812	E5	5.04
11) B	alpha-Chlordane	4.619	4.767	4.665	4.623	5.253	4.785	E5	5.60
12) B	4,4'-DDE	4.265	4.563	4.396	4.073	4.316	4.323	E5	4.15
13) MA	Dieldrin	4.457	4.719	4.570	4.333	4.655	4.547	E5	3.40
14) MA	Endrin	4.127	4.309	4.181	4.076	4.842	4.307	E5	7.23
15) B	Endosulfan II	3.820	3.942	3.852	3.808	4.362	3.957	E5	5.87
16) A	4,4'-DDD	3.654	3.870	3.731	3.485	3.648	3.678	E5	3.80
17) MA	4,4'-DDT	3.976	4.186	4.049	3.853	4.159	4.045	E5	3.38
18) B	Endrin aldehyde	3.025	3.055	2.991	3.025	3.492	3.118	E5	6.75
19) B	Endosulfan Sulfate	3.985	4.072	3.985	4.023	4.530	4.119	E5	5.65
20) A	Methoxychlor	2.306	2.345	2.323	2.288	2.588	2.370	E5	5.22
21) B	Endrin ketone	4.453	4.627	4.516	4.448	4.771	4.563	E5	3.00
22)	Mirex	3.531	3.527	3.493	3.571	3.787	3.582	E5	3.29
23)	Chlordane-1	1.477	1.451	1.479	1.494	1.498	1.480	E4	1.27
24)	Chlordane-2	1.895	1.806	1.870	1.992	2.182	1.949	E4	7.51
25)	Chlordane-3	5.054	5.058	5.128	4.993	5.177	5.082	E4	1.41
26)	Chlordane-4	5.333	5.295	5.322	5.213	5.326	5.298	E4	0.93
27)	Chlordane-5	1.775	1.737	1.764	1.752	1.963	1.798	E4	5.17
28) SA	Decachlorobiphenyl	3.908	3.914	3.896	4.230	4.685	4.127	E5	8.29

Signal #2 Calibration Files

50 =PL068125.D 100 =PL068123.D 75 =PL068124.D
 25 =PL068126.D 5 =PL068127.D

	Compound	50	100	75	25	5	Avg		%RSD
1) SA	Tetrachloro-m-xylene	1.009	1.056	1.022	1.006	1.064	1.031	E6	2.60
2) A	alpha-BHC	1.362	1.503	1.430	1.283	1.268	1.370	E6	7.24
3) MA	gamma-BHC (Lindane)	1.284	1.386	1.328	1.226	1.233	1.291	E6	5.22
4) MA	Heptachlor	1.282	1.357	1.311	1.247	1.261	1.292	E6	3.41
5) MB	Aldrin	1.171	1.258	1.203	1.137	1.259	1.205	E6	4.45
6) B	beta-BHC	6.328	6.262	6.209	6.715	9.284	6.960	E5	18.88
7) B	delta-BHC	1.234	1.362	1.290	1.147	1.058	1.218	E6	9.78
8) B	Heptachlor epoxide	1.086	1.138	1.098	1.071	1.164	1.112	E6	3.45
9) A	Endosulfan I	0.995	1.044	1.008	0.980	1.068	1.019	E6	3.57
10) B	gamma-Chlordane	1.084	1.145	1.102	1.065	1.162	1.112	E6	3.66
11) B	alpha-Chlordane	1.086	1.131	1.095	1.074	1.186	1.115	E6	4.08
12) B	4,4'-DDE	1.002	1.083	1.033	0.961	0.996	1.015	E6	4.49
13) MA	Dieldrin	1.023	1.095	1.046	0.993	1.056	1.042	E6	3.64
14) MA	Endrin	8.694	9.288	8.844	8.462	9.045	8.867	E5	3.58
15) B	Endosulfan II	8.582	8.887	8.598	8.594	9.608	8.854	E5	4.98
16) A	4,4'-DDD	8.367	8.905	8.533	8.181	8.856	8.569	E5	3.64
17) MA	4,4'-DDT	9.208	9.738	9.331	9.044	9.828	9.430	E5	3.60
18) B	Endrin aldehyde	6.999	7.081	6.932	7.170	8.285	7.293	E5	7.70
19) B	Endosulfan Sulfate	8.629	8.875	8.612	8.686	9.901	8.940	E5	6.12
20) A	Methoxychlor	4.937	4.971	4.888	5.070	5.652	5.104	E5	6.14
21) B	Endrin ketone	0.948	0.975	0.948	0.955	1.117	0.989	E6	7.32
22)	Mirex	7.221	7.103	7.010	7.576	9.139	7.610	E5	11.58

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	Compound	50	100	75	25	5	Avg		%RSD

23)	Chlordane-1	3.870	3.958	3.875	3.700	3.843	3.849	E4	2.44
24)	Chlordane-2	4.494	4.395	4.420	4.591	5.017	4.583	E4	5.54
25)	Chlordane-3	1.617	1.695	1.672	1.557	1.530	1.614	E5	4.41
26)	Chlordane-4	1.972	2.035	2.014	1.920	1.925	1.973	E5	2.61
27)	Chlordane-5	3.667	3.780	3.733	3.607	3.366	3.630	E4	4.46
28) SA	Decachlorobiphenyl	0.860	0.849	0.847	0.896	1.047	0.900	E6	9.40

(#) = Out of Range