

Method Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\
 Method File : PL081324.M
 Title : GC Extractables
 Last Update : Wed Aug 14 06:03:16 2024
 Response Via : Initial Calibration

Calibration Files

50 =PL091009.D 100 =PL091007.D 75 =PL091008.D
 25 =PL091010.D 5 =PL091011.D

	Compound	50	100	75	25	5	Avg	%RSD
1) SA	Tetrachloro-m-xylene	2.026	2.079	1.968	2.159	2.504	2.147 E6	9.85
2) A	alpha-BHC	2.832	3.031	2.808	2.914	3.405	2.998 E6	8.13
3) MA	gamma-BHC (Lindane)	2.720	2.879	2.685	2.787	3.273	2.869 E6	8.29
4) MA	Heptachlor	2.497	2.535	2.414	2.635	3.234	2.663 E6	12.36
5) MB	Aldrin	2.408	2.465	2.342	2.547	3.143	2.581 E6	12.53
6) B	beta-BHC	1.275	1.264	1.216	1.358	1.649	1.352 E6	12.82
7) B	delta-BHC	2.559	2.721	2.532	2.635	3.165	2.722 E6	9.48
8) B	Heptachlor epoxide	2.252	2.231	2.194	2.420	3.135	2.447 E6	16.13
9) A	Endosulfan I	2.078	2.070	2.015	2.226	2.838	2.245 E6	15.16
10) B	gamma-Chlordane	2.246	2.262	2.205	2.392	3.529	2.527 E6	22.35
11) B	alpha-Chlordane	2.232	2.239	2.167	2.378	3.022	2.408 E6	14.62
12) B	4,4'-DDE	1.969	2.000	1.915	2.075	2.502	2.092 E6	11.29
13) MA	Dieldrin	2.196	2.218	2.127	2.329	2.906	2.355 E6	13.42
14) MA	Endrin	1.819	1.827	1.760	1.937	2.353	1.939 E6	12.37
15) B	Endosulfan II	1.883	1.879	1.813	2.049	2.494	2.024 E6	13.68
16) A	4,4'-DDD	1.471	1.522	1.443	1.495	1.626	1.511 E6	4.65
17) MA	4,4'-DDT	1.678	1.692	1.624	1.771	2.111	1.775 E6	10.97
18) B	Endrin aldehyde	1.494	1.456	1.423	1.606	2.003	1.596 E6	14.88
19) B	Endosulfan Sulfate	1.776	1.734	1.694	1.929	2.460	1.919 E6	16.44
20) A	Methoxychlor	0.889	0.871	0.851	0.960	1.130	0.940 E6	12.12
21) B	Endrin ketone	1.966	1.963	1.899	2.094	2.576	2.100 E6	13.13
22)	Mirex	1.571	1.504	1.482	1.733	2.215	1.701 E6	17.85
23)	Chlordane-1	0.916	0.904	0.863	0.983	1.150	0.963 E5	11.71
24)	Chlordane-2	0.967	0.934	0.900	1.054	1.222	1.015 E5	12.68
25)	Chlordane-3	3.265	3.334	3.130	3.444	4.193	3.473 E5	12.04
26)	Chlordane-4	3.987	4.041	3.809	4.197	4.996	4.206 E5	11.00
27)	Chlordane-5	7.334	7.114	6.884	7.950	8.656	7.588 E4	9.45
28) SA	Decachlorobiphenyl	1.440	1.400	1.371	1.561	1.850	1.525 E6	12.86

Signal #2 Calibration Files

50 =PL091009.D 100 =PL091007.D 75 =PL091008.D
 25 =PL091010.D 5 =PL091011.D

	Compound	50	100	75	25	5	Avg	%RSD
1) SA	Tetrachloro-m-xylene	1.898	2.023	1.890	1.911	2.038	1.952 E6	3.69
2) A	alpha-BHC	2.779	3.100	2.849	2.614	2.526	2.773 E6	8.04
3) MA	gamma-BHC (Lindane)	2.627	2.883	2.675	2.499	2.485	2.634 E6	6.14
4) MA	Heptachlor	2.564	2.734	2.578	2.471	2.568	2.583 E6	3.67
5) MB	Aldrin	2.431	2.620	2.476	2.313	2.455	2.459 E6	4.47
6) B	beta-BHC	1.141	1.186	1.124	1.149	1.286	1.177 E6	5.49
7) B	delta-BHC	2.532	2.803	2.603	2.386	2.348	2.534 E6	7.21
8) B	Heptachlor epoxide	2.229	2.322	2.222	2.171	2.331	2.255 E6	3.06
9) A	Endosulfan I	2.095	2.181	2.067	2.053	2.155	2.110 E6	2.64
10) B	gamma-Chlordane	2.334	2.465	2.340	2.257	2.424	2.364 E6	3.46
11) B	alpha-Chlordane	2.325	2.431	2.322	2.261	2.424	2.353 E6	3.10
12) B	4,4'-DDE	2.068	2.223	2.125	1.952	2.078	2.089 E6	4.69
13) MA	Dieldrin	2.265	2.400	2.295	2.157	2.272	2.278 E6	3.80
14) MA	Endrin	2.020	2.122	2.031	1.936	2.077	2.037 E6	3.41
15) B	Endosulfan II	1.946	2.018	1.944	1.877	1.889	1.935 E6	2.90
16) A	4,4'-DDD	1.651	1.769	1.682	1.556	1.595	1.651 E6	4.98
17) MA	4,4'-DDT	1.790	1.910	1.820	1.674	1.689	1.776 E6	5.50
18) B	Endrin aldehyde	1.531	1.548	1.507	1.515	1.687	1.558 E6	4.75
19) B	Endosulfan Sulfate	1.896	1.934	1.876	1.873	2.060	1.928 E6	4.04
20) A	Methoxychlor	0.976	0.976	0.954	0.977	1.081	0.993 E6	5.04
21) B	Endrin ketone	2.173	2.231	2.154	2.133	2.199	2.178 E6	1.76
22)	Mirex	1.793	1.759	1.736	1.846	2.199	1.866 E6	10.20

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	Compound	50	100	75	25	5	Avg		%RSD
23)	Chlordane-1	7.081	7.460	6.888	7.122	7.901	7.290	E4	5.47
24)	Chlordane-2	0.870	0.860	0.932	0.927	1.211	0.960	E5	15.00
25)	Chlordane-3	2.410	2.544	2.377	2.343	2.468	2.428	E5	3.27
26)	Chlordane-4	2.311	2.398	2.236	2.308	2.405	2.332	E5	3.02
27)	Chlordane-5	6.776	6.824	6.407	6.891	7.720	6.924	E4	6.98
28) SA	Decachlorobiphenyl	1.819	1.808	1.769	1.877	2.197	1.894	E6	9.18

(#) = Out of Range