

Method Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\
 Method File : PD071123.M
 Title : GC Extractables
 Last Update : Wed Jul 12 01:40:01 2023
 Response Via : Initial Calibration

Calibration Files

50 =PD076503.D 100 =PD076501.D 75 =PD076502.D
 25 =PD076504.D 5 =PD076505.D

	Compound	50	100	75	25	5	Avg		%RSD
1) SA	Tetrachloro-m-xylene	2.187	2.199	2.177	2.141	2.236	2.188	E6	1.58
2) MA	alpha-BHC	3.901	4.077	3.982	3.592	3.563	3.823	E6	6.09
3) MA	gamma-BHC (Lindane)	3.708	3.856	3.750	3.450	3.474	3.648	E6	4.88
4) MA	Heptachlor	3.653	3.762	3.663	3.447	3.568	3.619	E6	3.26
5) MB	Aldrin	3.766	3.873	3.779	3.553	3.662	3.727	E6	3.28
6) B	beta-BHC	1.467	1.434	1.430	1.470	1.742	1.509	E6	8.74
7) B	delta-BHC	3.527	3.672	3.580	3.278	3.421	3.495	E6	4.34
8) B	Heptachlor epoxide	3.292	3.318	3.257	3.192	3.658	3.343	E6	5.45
9) A	Endosulfan I	3.044	3.075	3.016	2.935	3.212	3.056	E6	3.31
10) B	gamma-Chlordane	3.299	3.373	3.287	3.159	3.315	3.287	E6	2.39
11) B	alpha-Chlordane	3.295	3.335	3.265	3.174	3.497	3.313	E6	3.59
12) B	4,4'-DDE	2.999	3.123	3.017	2.802	2.865	2.961	E6	4.31
13) MA	Dieldrin	3.315	3.409	3.317	3.122	3.289	3.290	E6	3.18
14) MA	Endrin	2.723	2.802	2.726	2.575	2.723	2.710	E6	3.04
15) B	Endosulfan II	2.800	2.787	2.752	2.770	3.099	2.842	E6	5.10
16) A	4,4'-DDD	2.396	2.458	2.390	2.268	2.379	2.378	E6	2.90
17) MA	4,4'-DDT	2.433	2.551	2.465	2.206	2.059	2.343	E6	8.69
18) B	Endrin aldehyde	2.281	2.096	2.179	1.950	2.381	2.177	E6	7.64
19) B	Endosulfan Sulfate	2.581	2.579	2.543	2.519	2.820	2.608	E6	4.65
20) A	Methoxychlor	1.376	1.357	1.343	1.360	1.477	1.383	E6	3.91
21) B	Endrin ketone	2.981	3.009	2.951	2.886	3.119	2.989	E6	2.87
22)	Mirex	2.163	2.115	2.101	2.173	2.472	2.205	E6	6.92
23)	Chlordane-1	1.086	1.109	1.084	1.077	1.064	1.084	E6	1.51
24)	Chlordane-2	1.000	0.990	0.980	1.036	1.166	1.034	E6	7.40
25)	Chlordane-3	4.766	4.796	4.739	4.842	4.688	4.766	E6	1.21
26)	Chlordane-4	5.583	5.589	5.543	5.716	5.659	5.618	E6	1.23
27)	Chlordane-5	9.502	9.755	9.537	9.414	9.135	9.469	E5	2.37
28) SA	Decachlorobiphenyl	2.471	2.392	2.380	2.524	2.868	2.527	E6	7.90

Signal #2 Calibration Files

50 =PD076503.D 100 =PD076501.D 75 =PD076502.D
 25 =PD076504.D 5 =PD076505.D

	Compound	50	100	75	25	5	Avg		%RSD
1) SA	Tetrachloro-m-xylene	1.097	1.105	1.092	1.071	1.140	1.101	E6	2.29
2) A	alpha-BHC	1.665	1.751	1.703	1.554	1.595	1.653	E6	4.83
3) MA	gamma-BHC (Lindane)	1.611	1.683	1.633	1.515	1.568	1.602	E6	3.99
4) MA	Heptachlor	1.554	1.612	1.564	1.487	1.574	1.558	E6	2.92
5) MB	Aldrin	1.579	1.649	1.592	1.494	1.556	1.574	E6	3.57
6) B	beta-BHC	6.491	6.401	6.365	6.517	7.299	6.615	E5	5.86
7) B	delta-BHC	1.553	1.628	1.579	1.451	1.504	1.543	E6	4.43
8) B	Heptachlor epoxide	1.416	1.456	1.413	1.368	1.497	1.430	E6	3.39
9) A	Endosulfan I	1.307	1.344	1.306	1.257	1.376	1.318	E6	3.37
10) B	gamma-Chlordane	1.397	1.450	1.402	1.338	1.454	1.408	E6	3.35
11) B	alpha-Chlordane	1.403	1.442	1.400	1.353	1.481	1.416	E6	3.41
12) B	4,4'-DDE	1.210	1.272	1.226	1.134	1.171	1.203	E6	4.37
13) MA	Dieldrin	1.432	1.495	1.441	1.353	1.418	1.428	E6	3.55
14) MA	Endrin	1.243	1.295	1.248	1.188	1.250	1.245	E6	3.08
15) B	Endosulfan II	1.204	1.226	1.198	1.167	1.284	1.216	E6	3.58
16) A	4,4'-DDD	0.980	1.022	0.985	0.926	0.963	0.975	E6	3.58
17) MA	4,4'-DDT	0.982	1.056	1.009	0.882	0.758	0.937	E6	12.66
18) B	Endrin aldehyde	1.013	0.951	0.978	0.861	1.033	0.967	E6	6.94
19) B	Endosulfan Sulfate	1.140	1.157	1.130	1.112	1.241	1.156	E6	4.35
20) A	Methoxychlor	5.475	5.494	5.395	5.352	5.322	5.408	E5	1.39
21) B	Endrin ketone	1.369	1.388	1.361	1.324	1.405	1.369	E6	2.23
22)	Mirex	1.064	1.049	1.040	1.074	1.231	1.092	E6	7.23

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	Compound	50	100	75	25	5	Avg		%RSD
23)	Chlordane-1	3.963	4.007	3.917	3.971	4.045	3.980	E5	1.21
24)	Chlordane-2	3.784	3.704	3.728	4.023	4.541	3.956	E5	8.87
25)	Chlordane-3	1.362	1.326	1.319	1.371	1.355	1.346	E6	1.69
26)	Chlordane-4	1.294	1.284	1.293	1.339	1.318	1.306	E6	1.71
27)	Chlordane-5	4.806	4.854	4.740	4.736	4.694	4.766	E5	1.33
28) SA	Decachlorobiphenyl	1.005	0.983	0.977	1.028	1.182	1.035	E6	8.15

(#) = Out of Range