

Method Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\
 Method File : PD031423.M
 Title : GC Extractables
 Last Update : Wed Mar 15 05:04:28 2023
 Response Via : Initial Calibration

Calibration Files

50 =PD074194.D 100 =PD074192.D 75 =PD074193.D
 25 =PD074195.D 5 =PD074196.D

	Compound	50	100	75	25	5	Avg	%RSD
1) SA	Tetrachloro-m-xylene	2.364	2.296	2.295	2.310	2.399	2.333 E6	1.99
2) MA	alpha-BHC	4.058	4.129	4.055	3.724	3.438	3.881 E6	7.56
3) MA	gamma-BHC (Lindane)	3.656	3.668	3.618	3.401	3.198	3.508 E6	5.83
4) MA	Heptachlor	3.530	3.503	3.485	3.305	3.310	3.426 E6	3.21
5) MB	Aldrin	3.479	3.458	3.419	3.258	3.224	3.368 E6	3.50
6) B	beta-BHC	1.489	1.407	1.424	1.488	1.582	1.478 E6	4.66
7) B	delta-BHC	2.854	2.879	2.829	2.621	2.538	2.744 E6	5.61
8) B	Heptachlor epoxide	2.834	2.774	2.750	2.720	2.985	2.813 E6	3.74
9) A	Endosulfan I	2.895	2.832	2.813	2.773	2.902	2.843 E6	1.93
10) B	gamma-Chlordane	3.067	3.019	2.992	2.914	3.015	3.001 E6	1.87
11) B	alpha-Chlordane	3.068	2.995	2.979	2.945	3.094	3.016 E6	2.08
12) B	4,4'-DDE	2.854	2.854	2.808	2.655	2.616	2.757 E6	4.13
13) MA	Dieldrin	3.025	3.032	2.976	2.851	2.866	2.950 E6	2.94
14) MA	Endrin	2.551	2.552	2.505	2.413	2.405	2.485 E6	2.90
15) B	Endosulfan II	2.566	2.452	2.455	2.631	2.775	2.576 E6	5.24
16) A	4,4'-DDD	2.301	2.296	2.262	2.187	2.169	2.243 E6	2.74
17) MA	4,4'-DDT	2.572	2.564	2.518	2.465	2.627	2.549 E6	2.40
18) B	Endrin aldehyde	1.996	1.923	1.920	1.985	2.170	1.999 E6	5.10
19) B	Endosulfan Sulfate	2.473	2.420	2.395	2.428	2.628	2.469 E6	3.79
20) A	Methoxychlor	1.389	1.321	1.317	1.402	1.568	1.399 E6	7.29
21) B	Endrin ketone	2.793	2.730	2.699	2.742	2.955	2.784 E6	3.65
22)	Mirex	2.077	1.949	1.951	2.133	2.507	2.123 E6	10.79
23)	Chlordane-1	1.158					1.158 E5	0.00
24)	Chlordane-2	1.248					1.248 E5	0.00
25)	Chlordane-3	4.832					4.832 E5	0.00
26)	Chlordane-4	5.884					5.884 E5	0.00
27)	Chlordane-5	1.012					1.012 E5	0.00
28) SA	Decachlorobiphenyl	2.582	2.410	2.416	2.681	3.284	2.675 E6	13.45

Signal #2 Calibration Files

50 =PD074194.D 100 =PD074192.D 75 =PD074193.D
 25 =PD074195.D 5 =PD074196.D

	Compound	50	100	75	25	5	Avg	%RSD
1) SA	Tetrachloro-m-xylene	1.235	1.198	1.195	1.214	1.242	1.217 E6	1.74
2) A	alpha-BHC	1.928	1.939	1.909	1.804	1.712	1.858 E6	5.25
3) MA	gamma-BHC (Lindane)	1.774	1.765	1.747	1.667	1.612	1.713 E6	4.13
4) MA	Heptachlor	1.749	1.724	1.711	1.672	1.674	1.706 E6	1.93
5) MB	Aldrin	1.734	1.716	1.697	1.647	1.642	1.687 E6	2.44
6) B	beta-BHC	7.583	7.163	7.215	7.583	8.211	7.551 E5	5.54
7) B	delta-BHC	1.767	1.761	1.732	1.655	1.596	1.702 E6	4.36
8) B	Heptachlor epoxide	1.564	1.522	1.517	1.513	1.559	1.535 E6	1.59
9) A	Endosulfan I	1.469	1.429	1.424	1.426	1.448	1.439 E6	1.32
10) B	gamma-Chlordane	1.581	1.552	1.540	1.521	1.570	1.553 E6	1.53
11) B	alpha-Chlordane	1.567	1.527	1.520	1.517	1.570	1.540 E6	1.69
12) B	4,4'-DDE	1.461	1.448	1.432	1.374	1.340	1.411 E6	3.65
13) MA	Dieldrin	1.549	1.529	1.514	1.471	1.455	1.504 E6	2.65
14) MA	Endrin	1.332	1.302	1.291	1.280	1.330	1.307 E6	1.76
15) B	Endosulfan II	1.259	1.213	1.216	1.241	1.362	1.258 E6	4.84
16) A	4,4'-DDD	1.203	1.185	1.175	1.151	1.123	1.167 E6	2.67
17) MA	4,4'-DDT	1.270	1.250	1.242	1.207	1.171	1.228 E6	3.22
18) B	Endrin aldehyde	1.018	0.966	0.975	1.017	1.103	1.016 E6	5.34
19) B	Endosulfan Sulfate	1.232	1.187	1.192	1.215	1.278	1.221 E6	3.01
20) A	Methoxychlor	6.866	6.436	6.538	6.860	7.132	6.766 E5	4.14
21) B	Endrin ketone	1.490	1.424	1.436	1.469	1.557	1.475 E6	3.56
22)	Mirex	1.119	1.048	1.068	1.152	1.292	1.136 E6	8.50

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	Compound	50	100	75	25	5	Avg	%RSD
23)	Chlordane-1	5.130					5.130 E4	0.00
24)	Chlordane-2	5.810					5.810 E4	0.00
25)	Chlordane-3	1.710					1.710 E5	0.00
26)	Chlordane-4	1.633					1.633 E5	0.00
27)	Chlordane-5	6.157					6.157 E4	0.00
28) SA	Decachlorobiphenyl	1.205	1.110	1.133	1.239	1.448	1.227 E6	10.95

(#) = Out of Range