

Method Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\
 Method File : PD042321.M
 Title : GC Extractables
 Last Update : Fri Apr 23 23:19:57 2021
 Response Via : Initial Calibration

Calibration Files

50 =PD062300.D 100 =PD062298.D 75 =PD062299.D
 25 =PD062301.D 5 =PD062302.D

	Compound	50	100	75	25	5	Avg	%RSD
1) SA	Tetrachloro-m-xylene	8.240	8.151	8.283	8.282	7.769	8.145 E5	2.67
2) MA	alpha-BHC	1.324	1.377	1.376	1.249	1.077	1.281 E6	9.78
3) MA	gamma-BHC (Lindane)	1.253	1.284	1.290	1.208	1.118	1.231 E6	5.77
4) MA	Heptachlor	1.346	1.352	1.367	1.310	1.179	1.311 E6	5.85
5) MB	Aldrin	1.298	1.313	1.318	1.248	1.082	1.252 E6	7.90
6) B	beta-BHC	5.864	5.540	5.755	6.106	6.838	6.020 E5	8.31
7) B	delta-BHC	1.313	1.318	1.348	1.240	1.114	1.266 E6	7.43
8) B	Heptachlor epoxide	1.257	1.244	1.261	1.239	1.137	1.228 E6	4.20
9) A	Endosulfan I	1.206	1.194	1.208	1.190	1.099	1.180 E6	3.86
10) B	gamma-Chlordane	1.303	1.305	1.316	1.277	1.170	1.274 E6	4.70
11) B	alpha-Chlordane	1.287	1.275	1.287	1.269	1.155	1.255 E6	4.48
12) B	4,4'-DDE	1.254	1.268	1.274	1.208	1.065	1.214 E6	7.19
13) MA	Dieldrin	1.320	1.329	1.339	1.274	1.120	1.276 E6	7.11
14) MA	Endrin	1.186	1.190	1.203	1.164	1.051	1.159 E6	5.33
15) B	Endosulfan II	1.142	1.108	1.125	1.146	1.129	1.130 E6	1.33
16) A	4,4'-DDD	1.043	1.054	1.061	1.006	0.839	1.001 E6	9.26
17) MA	4,4'-DDT	1.089	1.112	1.117	1.025	0.763	1.021 E6	14.60
18) B	Endrin aldehyde	1.005	0.960	0.993	1.017	0.965	0.988 E6	2.52
19) B	Endosulfan Sulfate	1.188	1.141	1.171	1.202	1.201	1.181 E6	2.16
20) A	Methoxychlor	6.278	6.045	6.209	6.251	4.929	5.942 E5	9.66
21) B	Endrin ketone	1.248	1.220	1.247	1.233	1.144	1.218 E6	3.53
22)	Mirex	0.995	0.922	0.958	1.043	1.081	1.000 E6	6.38
23)	Chlordane-1	3.470					3.470 E4	0.00
24)	Chlordane-2	4.178					4.178 E4	0.00
25)	Chlordane-3	1.247					1.247 E5	0.00
26)	Chlordane-4	1.048					1.048 E5	0.00
27)	Chlordane-5	4.532					4.532 E4	0.00
28) SA	Decachlorobiphenyl	1.184	1.109	1.153	1.237	1.382	1.213 E6	8.70

Signal #2 Calibration Files

50 =PD062300.D 100 =PD062298.D 75 =PD062299.D
 25 =PD062301.D 5 =PD062302.D

	Compound	50	100	75	25	5	Avg	%RSD
1) SA	Tetrachloro-m-xylene	1.071	1.035	1.057	1.083	1.020	1.053 E7	2.45
2) A	alpha-BHC	1.733	1.696	1.733	1.735	1.554	1.690 E7	4.60
3) MA	gamma-BHC (Lindane)	1.591	1.543	1.579	1.608	1.532	1.571 E7	2.03
4) MA	Heptachlor	1.588	1.521	1.561	1.616	1.550	1.567 E7	2.31
5) MB	Aldrin	1.527	1.471	1.510	1.546	1.462	1.503 E7	2.39
6) B	beta-BHC	6.796	6.453	6.677	6.860	6.664	6.690 E6	2.33
7) B	delta-BHC	1.461	1.321	1.364	1.536	2.383	1.613 E7	27.19
8) B	Heptachlor epoxide	1.338	1.252	1.277	1.384	1.617	1.374 E7	10.61
9) A	Endosulfan I	1.326	1.262	1.301	1.354	1.304	1.310 E7	2.59
10) B	gamma-Chlordane	1.437	1.374	1.413	1.461	1.373	1.412 E7	2.73
11) B	alpha-Chlordane	1.390	1.324	1.359	1.407	1.384	1.373 E7	2.35
12) B	4,4'-DDE	1.429	1.369	1.405	1.445	1.412	1.412 E7	2.03
13) MA	Dieldrin	1.432	1.373	1.411	1.443	1.374	1.407 E7	2.29
14) MA	Endrin	1.230	1.177	1.214	1.251	1.228	1.220 E7	2.27
15) B	Endosulfan II	1.139	1.063	1.107	1.183	1.261	1.151 E7	6.59
16) A	4,4'-DDD	1.127	1.073	1.114	1.147	1.110	1.114 E7	2.44
17) MA	4,4'-DDT	1.039	1.003	1.032	1.042	0.870	0.997 E7	7.32
18) B	Endrin aldehyde	0.950	0.886	0.928	1.000	0.955	0.944 E7	4.41
19) B	Endosulfan Sulfate	1.086	1.016	1.068	1.117	1.136	1.085 E7	4.28
20) A	Methoxychlor	4.970	4.827	4.975	4.942	4.713	4.886 E6	2.32
21) B	Endrin ketone	1.035	0.958	0.999	1.057	0.966	1.003 E7	4.27
22)	Mirex	6.382	6.110	6.262	6.554	5.944	6.251 E6	3.78

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	Compound	50	100	75	25	5	Avg	%RSD
23)	Chlordane-1	4.937					4.937 E5	0.00
24)	Chlordane-2	4.760					4.760 E5	0.00
25)	Chlordane-3	1.965					1.965 E6	0.00
26)	Chlordane-4	2.277					2.277 E6	0.00
27)	Chlordane-5	4.114					4.114 E5	0.00
28) SA	Decachlorobiphenyl	8.509	8.034	8.360	8.782	8.739	8.485 E6	3.60

(#) = Out of Range