

Method Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\
 Method File : PD093019.M
 Title : GC Extractables
 Last Update : Tue Oct 01 06:38:00 2019
 Response Via : Initial Calibration

Calibration Files

50 =PD055053.D 100 =PD055051.D 75 =PD055052.D
 25 =PD055054.D 5 =PD055055.D

	Compound	50	100	75	25	5	Avg		%RSD
1) SA	Tetrachloro-m-xylene	7.609	7.716	7.416	7.747	8.713	7.840	E5	6.44
2) MA	alpha-BHC	1.168	1.221	1.155	1.133	1.154	1.166	E6	2.82
3) MA	gamma-BHC (Lindane)	1.074	1.114	1.060	1.060	1.159	1.093	E6	3.92
4) MA	Heptachlor	0.949	0.972	0.925	0.939	1.004	0.957	E6	3.23
5) MB	Aldrin	1.001	1.033	0.979	0.973	1.035	1.004	E6	2.92
6) B	beta-BHC	4.538	4.492	4.338	4.691	5.128	4.637	E5	6.50
7) B	delta-BHC	1.086	1.130	1.063	1.063	1.103	1.089	E6	2.63
8) B	Heptachlor epoxide	0.929	0.950	0.904	0.918	1.000	0.940	E6	4.00
9) A	Endosulfan I	8.765	8.943	8.535	8.650	9.436	8.866	E5	3.98
10) B	gamma-Chlordane	0.971	0.996	0.946	0.953	1.056	0.984	E6	4.54
11) B	alpha-Chlordane	0.955	0.973	0.926	0.944	1.042	0.968	E6	4.60
12) B	4,4'-DDE	8.941	9.270	8.780	8.587	9.184	8.952	E5	3.15
13) MA	Dieldrin	0.956	0.985	0.933	0.935	1.014	0.965	E6	3.61
14) MA	Endrin	8.744	8.897	8.502	8.581	9.456	8.836	E5	4.29
15) B	Endosulfan II	8.713	8.833	8.430	8.660	9.503	8.828	E5	4.58
16) A	4,4'-DDD	7.340	7.516	7.194	7.189	7.601	7.368	E5	2.53
17) MA	4,4'-DDT	6.885	7.245	6.843	6.461	5.753	6.637	E5	8.54
18) B	Endrin aldehyde	7.229	7.214	6.944	7.409	8.818	7.523	E5	9.88
19) B	Endosulfan Sulfate	7.946	7.978	7.649	7.982	8.922	8.095	E5	5.96
20) A	Methoxychlor	3.623	3.593	3.517	3.603	3.498	3.567	E5	1.56
21) B	Endrin ketone	9.540	9.594	9.220	9.393	9.702	9.490	E5	1.97
22)	Mirex	7.397	7.168	7.001	7.694	9.744	7.801	E5	14.32
23)	Chlordane-1	2.439	2.531	2.459	2.606	2.293	2.466	E4	4.74
24)	Chlordane-2	3.050	2.942	2.926	3.160	3.123	3.040	E4	3.45
25)	Chlordane-3	9.135	9.167	8.954	9.088	9.473	9.164	E4	2.09
26)	Chlordane-4	8.004	8.068	7.772	7.968	8.306	8.023	E4	2.40
27)	Chlordane-5	2.955	2.881	2.829	2.893	2.786	2.869	E4	2.25
28) SA	Decachlorobiphenyl	0.832	0.808	0.793	0.858	1.022	0.863	E6	10.74

Signal #2 Calibration Files

50 =PD055053.D 100 =PD055051.D 75 =PD055052.D
 25 =PD055054.D 5 =PD055055.D

	Compound	50	100	75	25	5	Avg		%RSD
1) SA	Tetrachloro-m-xylene	1.119	1.128	1.087	1.143	1.247	1.145	E6	5.30
2) A	alpha-BHC	1.675	1.769	1.674	1.622	1.590	1.666	E6	4.08
3) MA	gamma-BHC (Lindane)	1.580	1.642	1.561	1.561	1.632	1.595	E6	2.46
4) MA	Heptachlor	1.534	1.567	1.496	1.515	1.633	1.549	E6	3.47
5) MB	Aldrin	1.482	1.533	1.452	1.452	1.521	1.488	E6	2.53
6) B	beta-BHC	7.070	7.026	6.780	7.298	8.142	7.263	E5	7.23
7) B	delta-BHC	1.382	1.438	1.341	1.315	1.173	1.330	E6	7.46
8) B	Heptachlor epoxide	1.322	1.334	1.271	1.306	1.429	1.332	E6	4.42
9) A	Endosulfan I	1.334	1.353	1.294	1.334	1.519	1.367	E6	6.42
10) B	gamma-Chlordane	1.480	1.504	1.436	1.485	1.755	1.532	E6	8.28
11) B	alpha-Chlordane	1.466	1.482	1.418	1.475	1.744	1.517	E6	8.53
12) B	4,4'-DDE	1.389	1.450	1.371	1.351	1.425	1.397	E6	2.88
13) MA	Dieldrin	1.453	1.501	1.426	1.432	1.539	1.470	E6	3.31
14) MA	Endrin	1.240	1.281	1.217	1.219	1.343	1.260	E6	4.21
15) B	Endosulfan II	1.317	1.330	1.280	1.332	1.488	1.349	E6	5.94
16) A	4,4'-DDD	1.190	1.225	1.167	1.178	1.272	1.206	E6	3.54
17) MA	4,4'-DDT	1.187	1.233	1.175	1.150	1.215	1.192	E6	2.76
18) B	Endrin aldehyde	1.114	1.111	1.074	1.135	1.297	1.146	E6	7.58
19) B	Endosulfan Sulfate	1.231	1.237	1.187	1.249	1.442	1.269	E6	7.81
20) A	Methoxychlor	6.740	6.650	6.532	6.923	7.520	6.873	E5	5.66
21) B	Endrin ketone	1.414	1.420	1.373	1.429	1.573	1.442	E6	5.30
22)	Mirex	1.032	1.000	0.982	1.082	1.298	1.079	E6	11.90

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	Compound	50	100	75	25	5	Avg		%RSD
23)	Chlordane-1	4.312	4.279	4.211	4.430	5.097	4.466	E4	8.10
24)	Chlordane-2	4.691	4.704	4.603	4.923	5.472	4.879	E4	7.21
25)	Chlordane-3	1.929	1.977	1.913	1.934	2.122	1.975	E5	4.33
26)	Chlordane-4	2.304	2.355	2.294	2.359	2.669	2.396	E5	6.47
27)	Chlordane-5	4.210	4.196	4.074	4.210	4.252	4.189	E4	1.61
28) SA	Decachlorobiphenyl	1.159	1.115	1.107	1.227	1.482	1.218	E6	12.70

(#) = Out of Range