

Method Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\
 Method File : PD031021.M
 Title : GC Extractables
 Last Update : Thu Mar 11 04:34:41 2021
 Response Via : Initial Calibration

Calibration Files

50 =PD061507.D 100 =PD061505.D 75 =PD061506.D
 25 =PD061508.D 5 =PD061509.D

	Compound	50	100	75	25	5	Avg	%RSD
1) SA	Tetrachloro-m-xylene	8.412	8.101	8.275	8.353	6.938	8.016 E5	7.66
2) MA	alpha-BHC	1.308	1.315	1.321	1.233	0.985	1.232 E6	11.59
3) MA	gamma-BHC (Lindane)	1.238	1.234	1.242	1.191	0.980	1.177 E6	9.54
4) MA	Heptachlor	1.304	1.284	1.303	1.277	1.036	1.241 E6	9.28
5) MB	Aldrin	1.237	1.227	1.242	1.202	0.948	1.171 E6	10.75
6) B	beta-BHC	5.580	5.246	5.410	5.703	4.497	5.287 E5	8.97
7) B	delta-BHC	1.288	1.288	1.300	1.219	0.814	1.182 E6	17.59
8) B	Heptachlor epoxide	1.188	1.155	1.184	1.180	0.976	1.137 E6	7.98
9) A	Endosulfan I	1.134	1.103	1.127	1.129	0.940	1.086 E6	7.62
10) B	gamma-Chlordane	1.217	1.197	1.216	1.201	0.987	1.164 E6	8.51
11) B	alpha-Chlordane	1.209	1.177	1.202	1.203	0.998	1.158 E6	7.80
12) B	4,4'-DDE	1.164	1.158	1.174	1.125	0.870	1.098 E6	11.72
13) MA	Dieldrin	1.209	1.198	1.215	1.182	0.934	1.148 E6	10.48
14) MA	Endrin	1.101	1.085	1.105	1.088	0.902	1.056 E6	8.20
15) B	Endosulfan II	1.048	1.003	1.031	1.047	0.867	0.999 E6	7.61
16) A	4,4'-DDD	0.996	0.985	1.001	0.963	0.701	0.929 E6	13.80
17) MA	4,4'-DDT	1.066	1.050	1.067	1.039	0.750	0.994 E6	13.78
18) B	Endrin aldehyde	8.535	8.051	8.336	8.723	7.650	8.259 E5	5.11
19) B	Endosulfan Sulfate	1.096	1.039	1.075	1.112	0.877	1.040 E6	9.15
20) A	Methoxychlor	6.042	5.742	5.956	6.126	4.318	5.637 E5	13.32
21) B	Endrin ketone	1.294	1.244	1.283	1.295	1.062	1.236 E6	8.01
22)	Mirex	0.992	0.899	0.946	1.057	1.063	0.991 E6	7.12
23)	Chlordane-1	3.517	3.332	3.390	3.598	4.220	3.611 E4	9.85
24)	Chlordane-2	4.095	3.815	3.908	4.349	4.823	4.198 E4	9.64
25)	Chlordane-3	1.234	1.223	1.223	1.211	1.377	1.254 E5	5.52
26)	Chlordane-4	1.030	0.998	1.012	1.024	1.155	1.044 E5	6.05
27)	Chlordane-5	4.773	4.538	4.651	4.690	5.564	4.843 E4	8.50
28) SA	Decachlorobiphenyl	1.225	1.121	1.170	1.296	1.218	1.206 E6	5.43

Signal #2 Calibration Files

50 =PD061507.D 100 =PD061505.D 75 =PD061506.D
 25 =PD061508.D 5 =PD061509.D

	Compound	50	100	75	25	5	Avg	%RSD
1) SA	Tetrachloro-m-xylene	8.756	8.307	8.583	8.578	7.491	8.343 E6	6.02
2) A	alpha-BHC	1.382	1.317	1.365	1.360	1.056	1.296 E7	10.50
3) MA	gamma-BHC (Lindane)	1.270	1.207	1.252	1.261	1.075	1.213 E7	6.65
4) MA	Heptachlor	1.324	1.247	1.308	1.329	1.161	1.274 E7	5.58
5) MB	Aldrin	1.252	1.196	1.237	1.251	1.043	1.196 E7	7.41
6) B	beta-BHC	5.244	4.943	5.194	5.165	3.838	4.877 E6	12.14
7) B	delta-BHC	1.270	1.226	1.263	1.230	1.007	1.199 E7	9.09
8) B	Heptachlor epoxide	1.126	1.080	1.118	1.111	1.008	1.088 E7	4.43
9) A	Endosulfan I	1.076	1.023	1.062	1.083	0.958	1.040 E7	4.93
10) B	gamma-Chlordane	1.175	1.126	1.159	1.156	1.038	1.131 E7	4.85
11) B	alpha-Chlordane	1.130	1.079	1.114	1.129	0.998	1.090 E7	5.09
12) B	4,4'-DDE	1.151	1.101	1.139	1.148	1.014	1.111 E7	5.17
13) MA	Dieldrin	1.147	1.099	1.135	1.148	0.995	1.105 E7	5.86
14) MA	Endrin	9.796	9.423	9.725	9.750	8.177	9.374 E6	7.31
15) B	Endosulfan II	9.255	8.825	9.155	9.438	8.037	8.942 E6	6.18
16) A	4,4'-DDD	9.349	8.953	9.268	9.371	7.826	8.953 E6	7.28
17) MA	4,4'-DDT	9.742	9.474	9.809	9.555	7.666	9.249 E6	9.68
18) B	Endrin aldehyde	7.530	7.123	7.408	7.567	6.289	7.183 E6	7.37
19) B	Endosulfan Sulfate	9.641	9.111	9.471	9.456	8.374	9.211 E6	5.49
20) A	Methoxychlor	4.761	4.479	4.662	4.690	4.539	4.626 E6	2.48
21) B	Endrin ketone	9.544	8.906	9.362	9.717	8.595	9.225 E6	5.03
22)	Mirex	6.232	5.717	5.996	6.548	5.876	6.074 E6	5.35

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	Compound	50	100	75	25	5	Avg		%RSD

23)	Chlordane-1	4.115	3.886	3.994	4.088	4.636	4.144	E5	6.99
24)	Chlordane-2	3.975	3.688	3.783	4.013	4.646	4.021	E5	9.31
25)	Chlordane-3	1.708	1.603	1.649	1.727	2.013	1.740	E6	9.22
26)	Chlordane-4	1.968	1.838	1.894	2.008	2.376	2.017	E6	10.49
27)	Chlordane-5	3.676	3.487	3.566	3.725	4.597	3.810	E5	11.80
28) SA	Decachlorobiphenyl	8.804	8.090	8.511	9.267	8.469	8.628	E6	5.08

(#) = Out of Range