

Method Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\
 Method File : PL042221.M
 Title : GC Extractables
 Last Update : Fri Apr 23 00:52:31 2021
 Response Via : Initial Calibration

Calibration Files

50 =PL066423.D 100 =PL066421.D 75 =PL066422.D
 25 =PL066424.D 5 =PL066425.D

	Compound	50	100	75	25	5	Avg	%RSD
1) SA	Tetrachloro-m-xylene	3.003	3.039	3.036	2.940	2.782	2.960 E6	3.62
2) A	alpha-BHC	4.730	4.950	4.871	4.475	4.256	4.656 E6	6.17
3) MA	gamma-BHC (Lindane)	4.198	4.398	4.348	3.974	3.676	4.119 E6	7.21
4) MA	Heptachlor	4.103	4.206	4.195	3.953	3.660	4.023 E6	5.64
5) MB	Aldrin	4.038	4.230	4.191	3.831	3.518	3.962 E6	7.41
6) B	beta-BHC	1.807	1.767	1.802	1.806	1.854	1.807 E6	1.72
7) B	delta-BHC	4.194	4.267	4.320	3.922	3.840	4.109 E6	5.21
8) B	Heptachlor epoxide	3.638	3.742	3.739	3.533	3.335	3.598 E6	4.72
9) A	Endosulfan I	3.367	3.471	3.467	3.303	3.089	3.339 E6	4.70
10) B	gamma-Chlordane	3.634	3.767	3.755	3.531	3.380	3.613 E6	4.50
11) B	alpha-Chlordane	3.564	3.670	3.670	3.486	3.311	3.540 E6	4.23
12) B	4,4'-DDE	3.343	3.521	3.492	3.162	2.890	3.281 E6	7.96
13) MA	Dieldrin	3.478	3.653	3.623	3.335	3.048	3.427 E6	7.20
14) MA	Endrin	2.938	3.025	3.041	2.854	2.682	2.908 E6	5.05
15) B	Endosulfan II	2.876	2.931	2.953	2.870	2.938	2.913 E6	1.31
16) A	4,4'-DDD	2.730	2.863	2.849	2.663	2.434	2.708 E6	6.44
17) MA	4,4'-DDT	2.809	2.959	2.940	2.641	2.276	2.725 E6	10.32
18) B	Endrin aldehyde	2.252	2.264	2.296	2.269	2.225	2.261 E6	1.15
19) B	Endosulfan Sulfate	2.977	2.997	3.047	2.991	3.134	3.029 E6	2.12
20) A	Methoxychlor	1.353	1.363	1.381	1.341	1.220	1.332 E6	4.81
21) B	Endrin ketone	3.217	3.265	3.316	3.201	3.156	3.231 E6	1.90
22)	Mirex	2.318	2.291	2.344	2.457	2.392	2.360 E6	2.79
23)	Chlordane-1	1.032	0.984	1.014	1.045	1.145	1.044 E5	5.84
24)	Chlordane-2	1.208	1.115	1.165	1.241	1.228	1.192 E5	4.31
25)	Chlordane-3	3.278	3.221	3.343	3.162	3.063	3.213 E5	3.35
26)	Chlordane-4	2.890	2.813	2.867	2.780	2.661	2.802 E5	3.22
27)	Chlordane-5	1.098	1.041	1.079	1.078	1.105	1.080 E5	2.28
28) SA	Decachlorobiphenyl	2.553	2.530	2.595	2.618	2.533	2.566 E6	1.53

Signal #2 Calibration Files

50 =PL066423.D 100 =PL066421.D 75 =PL066422.D
 25 =PL066424.D 5 =PL066425.D

	Compound	50	100	75	25	5	Avg	%RSD
1) SA	Tetrachloro-m-xylene	4.198	4.164	4.202	4.208	4.125	4.179 E6	0.83
2) A	alpha-BHC	6.281	6.370	6.392	5.863	5.178	6.017 E6	8.56
3) MA	gamma-BHC (Lindane)	5.795	5.864	5.876	5.551	5.068	5.631 E6	6.05
4) MA	Heptachlor	5.929	5.887	5.964	5.834	5.903	5.903 E6	0.82
5) MB	Aldrin	5.438	5.476	5.523	5.268	4.959	5.333 E6	4.31
6) B	beta-BHC	2.811	2.553	2.661	3.055	5.317	3.279 E6	35.21
7) B	delta-BHC	5.267	5.253	5.385	5.155	5.042	5.220 E6	2.47
8) B	Heptachlor epoxide	4.475	4.607	4.563	4.567	4.484	4.539 E6	1.26
9) A	Endosulfan I	4.503	4.505	4.536	4.476	4.458	4.495 E6	0.67
10) B	gamma-Chlordane	4.940	4.988	5.001	4.898	4.787	4.923 E6	1.75
11) B	alpha-Chlordane	4.875	4.875	4.914	4.871	4.909	4.889 E6	0.43
12) B	4,4'-DDE	4.517	4.681	4.668	4.366	4.068	4.460 E6	5.69
13) MA	Dieldrin	4.481	4.681	4.707	4.346	4.332	4.510 E6	3.96
14) MA	Endrin	3.643	3.677	3.686	3.528	3.348	3.576 E6	3.98
15) B	Endosulfan II	3.737	3.722	3.752	3.783	3.914	3.782 E6	2.05
16) A	4,4'-DDD	3.719	3.775	3.778	3.653	3.440	3.673 E6	3.80
17) MA	4,4'-DDT	3.751	3.859	3.849	3.588	3.302	3.670 E6	6.34
18) B	Endrin aldehyde	2.996	2.935	2.986	3.054	3.185	3.031 E6	3.15
19) B	Endosulfan Sulfate	3.808	3.716	3.796	3.816	3.977	3.823 E6	2.49
20) A	Methoxychlor	1.962	1.918	1.953	1.978	1.985	1.959 E6	1.34
21) B	Endrin ketone	3.867	3.869	3.909	3.931	4.345	3.984 E6	5.11
22)	Mirex	2.905	2.741	2.823	3.020	3.440	2.986 E6	9.18

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	Compound	50	100	75	25	5	Avg		%RSD

23)	Chlordane-1	1.853	1.718	1.762	1.822	1.449	1.721	E5	9.35
24)	Chlordane-2	1.825	1.657	1.733	1.838	1.888	1.788	E5	5.17
25)	Chlordane-3	7.196	6.880	7.133	6.692	6.379	6.856	E5	4.88
26)	Chlordane-4	8.527	8.034	8.378	8.076	7.895	8.182	E5	3.19
27)	Chlordane-5	1.439	1.362	1.429	1.379	1.228	1.368	E5	6.17
28) SA	Decachlorobiphenyl	3.374	3.196	3.328	3.565	3.733	3.439	E6	6.13

(#) = Out of Range