

Method Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\
 Method File : PL091923.M
 Title : GC Extractables
 Last Update : Wed Sep 20 06:49:02 2023
 Response Via : Initial Calibration

Calibration Files

50 =PL085409.D 100 =PL085407.D 75 =PL085408.D
 25 =PL085410.D 5 =PL085411.D

	Compound	50	100	75	25	5	Avg	%RSD
1) SA	Tetrachloro-m-xylene	3.283	3.390	3.336	3.176	3.468	3.331 E6	3.32
2) A	alpha-BHC	4.994	5.368	5.211	4.579	4.490	4.928 E6	7.80
3) MA	gamma-BHC (Lindane)	4.902	5.225	5.082	4.590	4.640	4.888 E6	5.62
4) MA	Heptachlor	4.561	4.737	4.676	4.409	4.662	4.609 E6	2.79
5) MB	Aldrin	4.793	5.035	4.942	4.613	4.820	4.841 E6	3.31
6) B	beta-BHC	1.998	2.017	2.007	2.004	2.386	2.082 E6	8.16
7) B	delta-BHC	4.786	5.112	4.960	4.444	4.547	4.770 E6	5.83
8) B	Heptachlor epoxide	4.315	4.344	4.274	4.183	4.339	4.291 E6	1.54
9) A	Endosulfan I	4.040	4.140	4.103	3.994	4.332	4.122 E6	3.16
10) B	gamma-Chlordane	4.302	4.478	4.411	4.199	4.538	4.386 E6	3.10
11) B	alpha-Chlordane	4.285	4.433	4.373	4.240	4.647	4.396 E6	3.62
12) B	4,4'-DDE	3.937	4.176	4.087	3.788	3.960	3.990 E6	3.72
13) MA	Dieldrin	4.279	4.485	4.410	4.153	4.363	4.338 E6	2.95
14) MA	Endrin	3.521	3.659	3.617	3.452	3.691	3.588 E6	2.77
15) B	Endosulfan II	3.737	3.803	3.779	3.773	4.691	3.957 E6	10.40
16) A	4,4'-DDD	3.223	3.399	3.327	3.117	3.225	3.258 E6	3.32
17) MA	4,4'-DDT	3.540	3.667	3.612	3.545	3.587	3.590 E6	1.45
18) B	Endrin aldehyde	2.827	2.817	2.832	2.840	3.247	2.912 E6	6.42
19) B	Endosulfan Sulfate	3.542	3.599	3.584	3.572	3.985	3.656 E6	5.05
20) A	Methoxychlor	2.042	1.929	1.979	2.261	2.746	2.192 E6	15.28
21) B	Endrin ketone	3.962	4.061	4.035	3.941	4.298	4.059 E6	3.51
22)	Mirex	3.049	2.959	2.997	3.190	3.700	3.179 E6	9.57
23)	Chlordane-1	1.438					1.438 E5	0.00
24)	Chlordane-2	1.564					1.564 E5	0.00
25)	Chlordane-3	6.216					6.216 E5	0.00
26)	Chlordane-4	7.592					7.592 E5	0.00
27)	Chlordane-5	1.326					1.326 E5	0.00
28) SA	Decachlorobiphenyl	3.195	3.092	3.136	3.395	4.200	3.404 E6	13.51

Signal #2 Calibration Files

50 =PL085409.D 100 =PL085407.D 75 =PL085408.D
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	Compound	50	100	75	25	5	Avg	%RSD
1) SA	Tetrachloro-m-xylene	1.509	1.555	1.533	1.457	1.551	1.521 E6	2.64
2) A	alpha-BHC	2.381	2.546	2.469	2.186	2.069	2.330 E6	8.51
3) MA	gamma-BHC (Lindane)	2.340	2.480	2.407	2.169	2.122	2.304 E6	6.67
4) MA	Heptachlor	2.160	2.280	2.228	2.038	2.047	2.151 E6	5.01
5) MB	Aldrin	2.344	2.498	2.426	2.197	2.231	2.339 E6	5.45
6) B	beta-BHC	0.947	0.962	0.953	0.935	1.009	0.961 E6	2.97
7) B	delta-BHC	2.346	2.516	2.447	2.174	2.063	2.309 E6	8.17
8) B	Heptachlor epoxide	2.066	2.158	2.108	1.986	2.020	2.068 E6	3.32
9) A	Endosulfan I	1.988	2.089	2.049	1.926	2.070	2.024 E6	3.31
10) B	gamma-Chlordane	2.134	2.274	2.214	2.013	1.968	2.121 E6	6.11
11) B	alpha-Chlordane	2.160	2.275	2.223	2.071	2.156	2.177 E6	3.55
12) B	4,4'-DDE	2.045	2.197	2.134	1.916	1.829	2.024 E6	7.51
13) MA	Dieldrin	2.195	2.341	2.287	2.083	2.031	2.187 E6	6.00
14) MA	Endrin	1.886	1.984	1.939	1.798	1.759	1.873 E6	5.03
15) B	Endosulfan II	1.926	1.988	1.965	1.875	2.050	1.961 E6	3.34
16) A	4,4'-DDD	1.724	1.844	1.800	1.639	1.593	1.720 E6	6.14
17) MA	4,4'-DDT	1.837	1.974	1.923	1.744	1.631	1.822 E6	7.57
18) B	Endrin aldehyde	1.522	1.522	1.531	1.507	1.840	1.584 E6	9.02
19) B	Endosulfan Sulfate	1.920	1.917	1.893	1.804	1.870	1.881 E6	2.54
20) A	Methoxychlor	1.048	1.056	1.055	1.061	1.085	1.061 E6	1.36
21) B	Endrin ketone	2.379	2.478	2.487	2.384	2.757	2.497 E6	6.16
22)	Mirex	1.746	1.762	1.759	1.786	2.036	1.818 E6	6.76

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	Compound	50	100	75	25	5	Avg	%RSD
23)	Chlordane-1	5.326					5.326 E4	0.00
24)	Chlordane-2	7.499					7.499 E4	0.00
25)	Chlordane-3	2.050					2.050 E5	0.00
26)	Chlordane-4	2.248					2.248 E5	0.00
27)	Chlordane-5	8.485					8.485 E4	0.00
28) SA	Decachlorobiphenyl	1.885	1.879	1.880	1.950	2.194	1.958 E6	6.92

(#) = Out of Range