

Method Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\
 Method File : PL032223.M
 Title : GC Extractables
 Last Update : Thu Mar 23 01:07:33 2023
 Response Via : Initial Calibration

Calibration Files

50 =PL081607.D 100 =PL081605.D 75 =PL081606.D
 25 =PL081608.D 5 =PL081609.D

	Compound	50	100	75	25	5	Avg	%RSD
1) SA	Tetrachloro-m-xylene	2.399	2.282	2.296	2.311	2.342	2.326 E6	2.00
2) A	alpha-BHC	3.597	3.636	3.608	3.317	2.984	3.428 E6	8.17
3) MA	gamma-BHC (Lindane)	3.363	3.302	3.261	3.108	2.851	3.177 E6	6.45
4) MA	Heptachlor	3.369	3.174	3.113	3.095	3.009	3.152 E6	4.28
5) MB	Aldrin	3.010	2.921	2.920	2.793	2.658	2.860 E6	4.80
6) B	beta-BHC	1.454	1.384	1.406	1.448	1.834	1.505 E6	12.36
7) B	delta-BHC	3.260	3.097	3.099	2.941	2.800	3.039 E6	5.76
8) B	Heptachlor epoxide	2.723	2.605	2.647	2.706	2.918	2.720 E6	4.43
9) A	Endosulfan I	2.541	2.372	2.407	2.416	2.618	2.471 E6	4.21
10) B	gamma-Chlordane	2.752	2.610	2.621	2.592	2.550	2.625 E6	2.90
11) B	alpha-Chlordane	2.718	2.557	2.573	2.562	2.532	2.588 E6	2.86
12) B	4,4'-DDE	2.380	2.321	2.301	2.179	2.087	2.254 E6	5.25
13) MA	Dieldrin	2.566	2.445	2.440	2.366	2.288	2.421 E6	4.27
14) MA	Endrin	2.168	2.128	2.147	2.085	2.048	2.115 E6	2.28
15) B	Endosulfan II	2.106	1.974	1.999	2.054	2.477	2.122 E6	9.64
16) A	4,4'-DDD	1.939	1.831	1.827	1.757	1.663	1.803 E6	5.66
17) MA	4,4'-DDT	2.122	2.008	2.020	1.984	2.014	2.030 E6	2.64
18) B	Endrin aldehyde	1.705	1.560	1.600	1.648	1.668	1.636 E6	3.48
19) B	Endosulfan Sulfate	2.177	2.014	2.038	2.076	2.115	2.084 E6	3.11
20) A	Methoxychlor	1.135	1.020	1.044	1.095	1.091	1.077 E6	4.18
21) B	Endrin ketone	2.209	2.062	2.080	2.082	2.041	2.095 E6	3.15
22)	Mirex	1.768	1.574	1.581	1.755	1.889	1.713 E6	7.86
23)	Chlordane-1	1.017	1.032	0.979	0.991	0.953	0.994 E5	3.13
24)	Chlordane-2	1.071	1.022	1.009	1.066	1.036	1.041 E5	2.62
25)	Chlordane-3	4.046	4.165	3.958	3.833	3.803	3.961 E5	3.80
26)	Chlordane-4	4.878	4.943	4.733	4.683	4.691	4.786 E5	2.46
27)	Chlordane-5	8.415	8.316	8.040	8.383	9.304	8.492 E4	5.63
28) SA	Decachlorobiphenyl	1.783	1.611	1.670	1.793	2.091	1.790 E6	10.34

Signal #2 Calibration Files

50 =PL081607.D 100 =PL081605.D 75 =PL081606.D
 25 =PL081608.D 5 =PL081609.D

	Compound	50	100	75	25	5	Avg	%RSD
1) SA	Tetrachloro-m-xylene	2.052	2.022	2.033	1.978	1.896	1.996 E6	3.12
2) A	alpha-BHC	3.021	3.159	3.122	2.728	2.545	2.915 E6	9.16
3) MA	gamma-BHC (Lindane)	2.840	2.921	2.888	2.611	2.661	2.784 E6	5.00
4) MA	Heptachlor	2.988	2.972	2.954	2.767	2.654	2.867 E6	5.19
5) MB	Aldrin	2.673	2.737	2.733	2.517	2.662	2.664 E6	3.34
6) B	beta-BHC	1.174	1.159	1.178	1.176	1.268	1.191 E6	3.67
7) B	delta-BHC	2.655	2.767	2.746	2.438	2.324	2.586 E6	7.59
8) B	Heptachlor epoxide	2.484	2.462	2.489	2.406	2.301	2.429 E6	3.23
9) A	Endosulfan I	2.284	2.299	2.263	2.145	2.048	2.208 E6	4.89
10) B	gamma-Chlordane	2.477	2.495	2.486	2.349	2.344	2.430 E6	3.15
11) B	alpha-Chlordane	2.480	2.470	2.470	2.357	2.367	2.429 E6	2.52
12) B	4,4'-DDE	2.005	2.086	2.102	1.968	1.688	1.970 E6	8.49
13) MA	Dieldrin	2.289	2.370	2.350	2.168	2.070	2.249 E6	5.67
14) MA	Endrin	2.068	2.117	2.106	1.953	1.874	2.024 E6	5.22
15) B	Endosulfan II	1.895	1.876	1.880	1.779	1.641	1.814 E6	5.91
16) A	4,4'-DDD	1.580	1.647	1.623	1.459	1.279	1.518 E6	9.99
17) MA	4,4'-DDT	1.769	1.827	1.811	1.656	1.553	1.723 E6	6.73
18) B	Endrin aldehyde	1.565	1.523	1.539	1.522	1.616	1.553 E6	2.53
19) B	Endosulfan Sulfate	1.961	1.936	1.950	1.911	1.971	1.946 E6	1.21
20) A	Methoxychlor	1.004	0.975	0.989	1.001	1.011	0.996 E6	1.43
21) B	Endrin ketone	2.164	2.171	2.176	2.087	2.088	2.137 E6	2.14
22)	Mirex	1.943	1.811	1.855	1.957	2.032	1.920 E6	4.55

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	Compound	50	100	75	25	5	Avg		%RSD
23)	Chlordane-1	7.874	7.947	7.590	7.752	7.348	7.702	E4	3.11
24)	Chlordane-2	0.942	0.897	0.890	0.937	1.005	0.934	E5	4.92
25)	Chlordane-3	2.621	2.701	2.588	2.383	2.301	2.519	E5	6.71
26)	Chlordane-4	2.697	2.768	2.623	2.542	2.467	2.619	E5	4.57
27)	Chlordane-5	6.905	6.795	6.750	6.927	5.994	6.674	E4	5.80
28) SA	Decachlorobiphenyl	1.943	1.831	1.878	1.958	2.306	1.983	E6	9.46

(#) = Out of Range