

Method Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\

Method File : PL080824CLP.M

Title : GC Extractables

Last Update : Sat Aug 10 07:10:30 2024

Response Via : Initial Calibration

Calibration Files

3 =PL090872.D 1 =PL090868.D 2 =PL090870.D
 4 =PL090874.D 5 =PL090876.D

	Compound	3	1	2	4	5	Avg	%RSD
1) SA	Tetrachloro-m-xylene	2.048	2.190	2.067	1.971	1.849	2.025 E6	6.21
2) A	alpha-BHC	2.933	3.172	3.072	2.881	2.802	2.972 E6	5.00
3) MA	gamma-BHC (Lindane)	2.765	2.920	2.901	2.719	2.637	2.788 E6	4.32
4) MA	Heptachlor	2.614	2.958	2.808	2.502	2.378	2.652 E6	8.79
5) MB	Aldrin	2.513	2.771	2.640	2.342	2.264	2.506 E6	8.32
6) B	beta-BHC	1.359	1.413	1.416	1.278	1.196	1.332 E6	7.08
7) B	delta-BHC	2.753	3.178	2.822	2.618	2.622	2.799 E6	8.20
8) B	Heptachlor epoxide	2.428	3.248	3.031	2.200	2.115	2.605 E6	19.49
9) A	Endosulfan I	2.221	2.531	2.360	2.071	1.909	2.218 E6	10.93
10) B	trans-Chlordane	2.288	2.531	2.423	2.129	2.031	2.281 E6	8.99
11) B	cis-Chlordane	2.338	2.589	2.486	2.197	2.089	2.340 E6	8.73
12) B	4,4'-DDE	1.979	2.138	2.063	1.908	1.904	1.998 E6	5.08
13) MA	Dieldrin	2.233	2.490	2.351	2.154	2.062	2.258 E6	7.42
14) MA	Endrin	1.805	2.013	1.917	1.739	1.642	1.823 E6	8.01
15) B	Endosulfan II	1.909	2.155	2.043	1.783	1.713	1.921 E6	9.45
16) A	4,4'-DDD	1.678	1.841	1.773	1.620	1.539	1.690 E6	7.10
17) MA	4,4'-DDT	1.610	1.756	1.683	1.564	1.502	1.623 E6	6.12
18) B	Endrin aldehyde	1.484	1.585	1.526	1.384	1.313	1.458 E6	7.51
19) B	Endosulfan Sulfate	1.808	2.038	1.934	1.671	1.590	1.808 E6	10.16
20) A	Methoxychlor	8.288	9.289	8.846	7.938	7.336	8.339 E5	9.15
21) B	Endrin ketone	1.971	2.157	2.073	1.853	1.790	1.969 E6	7.67
22)	Toxaphene-1	7.478	8.490	7.908	6.919	6.688	7.497 E3	9.77
23)	Toxaphene-2	1.586	2.005	2.180	1.805	1.803	1.876 E4	12.03
24)	Toxaphene-3	4.948	5.410	5.082	4.780	4.945	5.033 E4	4.70
25)	Toxaphene-4	3.732	4.100	3.802	3.560	3.764	3.792 E4	5.16
26)	Toxaphene-5	2.686	2.797	2.685	2.587	2.722	2.695 E4	2.81
27) SA	Decachlorobiphenyl	1.556	1.782	1.671	1.452	1.322	1.557 E6	11.59

Signal #2 Calibration Files

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	Compound	3	1	2	4	5	Avg	%RSD
1) SA	Tetrachloro-m-xylene	1.751	1.753	1.768	1.765	1.738	1.755 E6	0.69
2) A	alpha-BHC	2.451	2.225	2.348	2.632	2.714	2.474 E6	8.12
3) MA	gamma-BHC (Lindane)	2.329	2.178	2.264	2.460	2.500	2.346 E6	5.72
4) MA	Heptachlor	2.281	2.216	2.274	2.374	2.399	2.309 E6	3.28
5) MB	Aldrin	2.128	2.028	2.073	2.169	2.267	2.133 E6	4.31
6) B	beta-BHC	1.126	1.160	1.136	1.091	1.079	1.118 E6	2.99
7) B	delta-BHC	2.341	2.119	2.206	2.440	2.589	2.339 E6	7.96
8) B	Heptachlor epoxide	2.059	2.001	2.003	2.056	2.090	2.042 E6	1.89
9) A	Endosulfan I	1.662	1.442	1.505	1.676	1.889	1.635 E6	10.65
10) B	trans-Chlordane	2.017	2.034	2.006	2.015	2.079	2.030 E6	1.43
11) B	cis-Chlordane	2.081	2.078	2.079	2.062	2.109	2.082 E6	0.83
12) B	4,4'-DDE	1.891	1.679	1.768	1.959	2.060	1.871 E6	8.08
13) MA	Dieldrin	2.096	2.003	2.054	2.196	2.189	2.108 E6	3.99
14) MA	Endrin	1.892	1.939	1.931	1.942	1.874	1.915 E6	1.60
15) B	Endosulfan II	1.798	1.753	1.775	1.792	1.806	1.785 E6	1.19
16) A	4,4'-DDD	1.607	1.512	1.564	1.687	1.696	1.613 E6	4.91
17) MA	4,4'-DDT	1.603	1.482	1.541	1.701	1.717	1.609 E6	6.29
18) B	Endrin aldehyde	1.396	1.328	1.354	1.378	1.368	1.365 E6	1.87
19) B	Endosulfan Sulfate	1.763	1.719	1.751	1.738	1.740	1.742 E6	0.94
20) A	Methoxychlor	8.872	8.934	8.982	8.732	8.099	8.724 E5	4.15
21) B	Endrin ketone	1.960	1.998	2.079	1.953	1.958	1.990 E6	2.68
22)	Toxaphene-1	1.108	1.137	1.127	1.107	1.170	1.130 E4	2.30

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	Compound	3	1	2	4	5	Avg	%RSD
23)	Toxaphene-2	1.003	0.881	0.976	1.086	1.181	1.025 E4	11.10
24)	Toxaphene-3	3.876	3.299	3.393	4.088	4.575	3.846 E4	13.60
25)	Toxaphene-4	5.296	4.692	4.944	5.532	5.943	5.281 E4	9.29
26)	Toxaphene-5	3.517	3.207	3.152	3.570	3.802	3.450 E4	7.82
27) SA	Decachlorobiphenyl	1.706	1.869	1.787	1.663	1.556	1.716 E6	6.95

(#) = Out of Range