

Method Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\
 Method File : PL082222.M
 Title : GC Extractables
 Last Update : Mon Aug 22 19:19:43 2022
 Response Via : Initial Calibration

Calibration Files

50 =PL077242.D 100 =PL077240.D 75 =PL077241.D
 25 =PL077243.D 5 =PL077244.D

	Compound	50	100	75	25	5	Avg	%RSD
1) SA	Tetrachloro-m-xylene	1.413	1.375	1.328	1.325	1.362	1.361 E6	2.69
2) A	alpha-BHC	1.969	2.010	1.896	1.741	1.647	1.853 E6	8.31
3) MA	gamma-BHC (Lindane)	1.820	1.891	1.792	1.638	1.612	1.751 E6	6.89
4) MA	Heptachlor	1.788	1.803	1.740	1.631	1.691	1.730 E6	4.09
5) MB	Aldrin	1.619	1.650	1.572	1.471	1.536	1.570 E6	4.49
6) B	beta-BHC	7.720	7.331	7.195	7.330	7.580	7.431 E5	2.87
7) B	delta-BHC	1.634	1.640	1.590	1.463	1.399	1.545 E6	7.03
8) B	Heptachlor epoxide	1.421	1.344	1.294	1.307	1.364	1.346 E6	3.74
9) A	Endosulfan I	1.371	1.340	1.283	1.248	1.342	1.317 E6	3.80
10) B	gamma-Chlordane	1.465	1.445	1.378	1.327	1.397	1.402 E6	3.91
11) B	alpha-Chlordane	1.464	1.434	1.372	1.336	1.427	1.407 E6	3.67
12) B	4,4'-DDE	1.361	1.352	1.287	1.213	1.278	1.298 E6	4.66
13) MA	Dieldrin	1.398	1.390	1.320	1.252	1.319	1.336 E6	4.50
14) MA	Endrin	1.217	1.193	1.127	1.100	1.262	1.180 E6	5.61
15) B	Endosulfan II	1.129	1.098	1.058	1.043	1.151	1.096 E6	4.17
16) A	4,4'-DDD	1.060	1.050	0.995	0.951	1.051	1.021 E6	4.60
17) MA	4,4'-DDT	1.159	1.151	1.091	1.053	1.131	1.117 E6	3.96
18) B	Endrin aldehyde	0.929	0.887	0.862	0.881	1.005	0.913 E6	6.25
19) B	Endosulfan Sulfate	1.128	1.084	1.050	1.063	1.202	1.105 E6	5.57
20) A	Methoxychlor	6.150	5.796	5.653	5.960	6.553	6.022 E5	5.81
21) B	Endrin ketone	1.239	1.182	1.169	1.176	1.334	1.220 E6	5.69
22)	Mirex	0.921	0.837	0.834	0.924	1.085	0.920 E6	11.07
23)	Chlordane-1	4.446	4.456	4.381	4.061	4.048	4.278 E4	4.83
24)	Chlordane-2	4.571	4.479	4.575	4.539	4.958	4.624 E4	4.12
25)	Chlordane-3	1.830	1.889	1.821	1.635	1.718	1.779 E5	5.68
26)	Chlordane-4	2.235	2.274	2.206	2.021	2.141	2.175 E5	4.56
27)	Chlordane-5	3.749	3.659	3.684	3.552	3.612	3.651 E4	2.04
28) SA	Decachlorobiphenyl	1.173	1.069	1.068	1.165	1.384	1.172 E6	11.00

Signal #2 Calibration Files

50 =PL077242.D 100 =PL077240.D 75 =PL077241.D
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	Compound	50	100	75	25	5	Avg	%RSD
1) SA	Tetrachloro-m-xylene	3.152	3.036	2.956	3.017	3.205	3.073 E6	3.32
2) A	alpha-BHC	4.552	4.447	4.292	4.222	4.320	4.367 E6	3.02
3) MA	gamma-BHC (Lindane)	4.073	3.943	3.813	3.875	3.829	3.907 E6	2.72
4) MA	Heptachlor	4.025	3.927	3.803	3.796	3.942	3.898 E6	2.51
5) MB	Aldrin	3.830	3.731	3.599	3.580	3.765	3.701 E6	2.91
6) B	beta-BHC	1.696	1.609	1.579	1.634	1.728	1.649 E6	3.73
7) B	delta-BHC	4.141	4.076	3.925	3.816	3.950	3.982 E6	3.22
8) B	Heptachlor epoxide	3.402	3.298	3.232	3.228	3.433	3.319 E6	2.87
9) A	Endosulfan I	3.141	3.122	3.059	2.974	3.137	3.087 E6	2.31
10) B	gamma-Chlordane	3.396	3.388	3.307	3.212	3.413	3.343 E6	2.51
11) B	alpha-Chlordane	3.328	3.302	3.231	3.154	3.354	3.274 E6	2.48
12) B	4,4'-DDE	3.283	3.315	3.212	3.098	3.242	3.230 E6	2.60
13) MA	Dieldrin	3.323	3.375	3.244	3.116	3.361	3.284 E6	3.25
14) MA	Endrin	2.818	2.788	2.662	2.624	2.777	2.734 E6	3.12
15) B	Endosulfan II	2.766	2.680	2.585	2.577	2.951	2.712 E6	5.69
16) A	4,4'-DDD	2.737	2.734	2.640	2.530	2.728	2.674 E6	3.37
17) MA	4,4'-DDT	2.783	2.767	2.609	2.493	2.519	2.634 E6	5.15
18) B	Endrin aldehyde	2.165	2.062	1.983	2.024	2.228	2.092 E6	4.86
19) B	Endosulfan Sulfate	2.762	2.657	2.557	2.576	2.860	2.682 E6	4.77
20) A	Methoxychlor	1.450	1.380	1.330	1.380	1.514	1.411 E6	5.09
21) B	Endrin ketone	2.981	2.879	2.782	2.775	2.987	2.881 E6	3.57
22)	Mirex	2.182	2.027	1.975	2.120	2.404	2.142 E6	7.81

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	Compound	50	100	75	25	5	Avg		%RSD

23)	Chlordane-1	8.864	8.096	8.600	8.274	7.893	8.345	E4	4.66
24)	Chlordane-2	1.082	1.034	1.035	1.037	1.168	1.071	E5	5.39
25)	Chlordane-3	3.157	3.126	3.083	2.878	3.023	3.053	E5	3.61
26)	Chlordane-4	3.245	3.229	3.185	3.024	3.141	3.165	E5	2.80
27)	Chlordane-5	8.747	8.597	8.481	8.355	9.597	8.755	E4	5.62
28) SA	Decachlorobiphenyl	2.819	2.653	2.577	2.769	3.133	2.790	E6	7.66

(#) = Out of Range