

Method Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\
 Method File : PL051022.M
 Title : GC Extractables
 Last Update : Wed May 11 07:13:28 2022
 Response Via : Initial Calibration

Calibration Files

50 =PL074582.D 100 =PL074580.D 75 =PL074581.D
 25 =PL074583.D 5 =PL074584.D

	Compound	50	100	75	25	5	Avg	%RSD
1) SA	Tetrachloro-m-xylene	4.969	4.995	5.112	4.958	5.361	5.079 E5	3.34
2) A	alpha-BHC	6.832	7.317	7.302	6.386	6.392	6.846 E5	6.72
3) MA	gamma-BHC (Lindane)	6.469	6.817	6.839	6.140	6.154	6.484 E5	5.25
4) MA	Heptachlor	6.226	6.371	6.446	6.173	6.984	6.440 E5	5.02
5) MB	Aldrin	6.026	6.250	6.327	5.873	6.079	6.111 E5	2.96
6) B	beta-BHC	3.000	2.938	3.020	2.984	3.196	3.028 E5	3.26
7) B	delta-BHC	6.313	6.689	6.665	5.915	6.127	6.342 E5	5.31
8) B	Heptachlor epoxide	5.582	5.693	5.778	5.525	6.246	5.765 E5	4.97
9) A	Endosulfan I	5.926	5.622	5.829	6.582	7.717	6.335 E5	13.45
10) B	gamma-Chlordane	5.563	5.662	5.748	5.500	5.994	5.693 E5	3.39
11) B	alpha-Chlordane	6.590	6.142	6.411	7.607	8.452	7.040 E5	13.70
12) B	4,4'-DDE	4.697	4.957	4.952	4.413	4.376	4.679 E5	6.00
13) MA	Dieldrin	5.197	5.398	5.433	5.009	5.360	5.279 E5	3.33
14) MA	Endrin	4.132	4.281	4.299	3.923	4.000	4.127 E5	4.03
15) B	Endosulfan II	4.441	4.473	4.547	4.331	4.532	4.465 E5	1.93
16) A	4,4'-DDD	4.324	4.321	4.386	4.314	5.611	4.591 E5	12.43
17) MA	4,4'-DDT	4.591	4.689	4.738	4.444	5.331	4.758 E5	7.13
18) B	Endrin aldehyde	3.616	3.550	3.631	3.591	4.185	3.715 E5	7.13
19) B	Endosulfan Sulfate	4.526	4.511	4.599	4.434	4.612	4.537 E5	1.59
20) A	Methoxychlor	2.429	2.406	2.467	2.360	2.656	2.464 E5	4.64
21) B	Endrin ketone	5.104	5.120	5.228	4.971	4.879	5.061 E5	2.70
22)	Mirex	4.059	3.876	4.020	4.118	4.026	4.020 E5	2.22
23)	Chlordane-1	1.860	1.805	1.801	1.838	2.392	1.939 E4	13.11
24)	Chlordane-2	2.118	2.062	2.059	2.076	2.488	2.160 E4	8.54
25)	Chlordane-3	7.016	7.158	6.937	6.291	5.628	6.606 E4	9.69
26)	Chlordane-4	9.326	9.003	8.973	9.044	9.464	9.162 E4	2.40
27)	Chlordane-5	1.531	1.531	1.503	1.414	1.576	1.511 E4	3.98
28) SA	Decachlorobiphenyl	4.366	4.122	4.304	4.580	5.404	4.555 E5	11.02

Signal #2 Calibration Files

50 =PL074582.D 100 =PL074580.D 75 =PL074581.D
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	Compound	50	100	75	25	5	Avg	%RSD
1) SA	Tetrachloro-m-xylene	1.368	1.319	1.372	1.388	1.557	1.401 E6	6.51
2) A	alpha-BHC	1.717	1.756	1.783	1.633	1.613	1.700 E6	4.41
3) MA	gamma-BHC (Lindane)	1.665	1.644	1.689	1.607	1.660	1.653 E6	1.85
4) MA	Heptachlor	1.474	1.454	1.503	1.480	1.659	1.514 E6	5.46
5) MB	Aldrin	1.467	1.467	1.511	1.449	1.611	1.501 E6	4.37
6) B	beta-BHC	7.623	7.147	7.529	7.970	9.890	8.032 E5	13.43
7) B	delta-BHC	1.552	1.545	1.582	1.489	1.603	1.554 E6	2.78
8) B	Heptachlor epoxide	1.347	1.306	1.372	1.356	1.579	1.392 E6	7.72
9) A	Endosulfan I	1.209	1.185	1.159	1.224	1.335	1.222 E6	5.54
10) B	gamma-Chlordane	1.314	1.289	1.340	1.336	1.627	1.381 E6	10.07
11) B	alpha-Chlordane	1.291	1.261	1.309	1.318	1.688	1.373 E6	12.90
12) B	4,4'-DDE	1.141	1.150	1.165	1.121	1.249	1.165 E6	4.25
13) MA	Dieldrin	1.215	1.221	1.244	1.211	1.299	1.238 E6	2.96
14) MA	Endrin	9.414	9.373	9.533	9.236	9.761	9.463 E5	2.08
15) B	Endosulfan II	1.008	1.007	1.041	0.994	1.205	1.051 E6	8.38
16) A	4,4'-DDD	1.028	0.988	1.022	1.068	1.433	1.108 E6	16.62
17) MA	4,4'-DDT	0.936	0.933	0.952	0.931	1.054	0.961 E6	5.45
18) B	Endrin aldehyde	7.503	7.189	7.444	7.691	8.511	7.668 E5	6.58
19) B	Endosulfan Sulfate	1.027	0.991	1.024	1.041	1.168	1.050 E6	6.52
20) A	Methoxychlor	5.369	5.107	5.345	5.466	6.286	5.515 E5	8.18
21) B	Endrin ketone	1.037	1.002	1.036	1.031	1.128	1.047 E6	4.53
22)	Mirex	0.876	0.816	0.859	0.931	1.056	0.908 E6	10.22

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	Compound	50	100	75	25	5	Avg		%RSD
23)	Chlordane-1	4.283	4.098	4.142	4.171	4.681	4.275	E4	5.55
24)	Chlordane-2	5.117	4.722	4.803	5.165	6.027	5.167	E4	10.02
25)	Chlordane-3	1.236	1.217	1.188	1.184	1.267	1.218	E5	2.81
26)	Chlordane-4	1.314	1.269	1.257	1.258	1.355	1.291	E5	3.33
27)	Chlordane-5	3.424	3.223	3.219	3.323	3.666	3.371	E4	5.50
28) SA	Decachlorobiphenyl	0.956	0.888	0.937	0.992	1.115	0.978	E6	8.72

(#) = Out of Range