

Method Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\
 Method File : PL122823.M
 Title : GC Extractables
 Last Update : Fri Dec 29 01:09:21 2023
 Response Via : Initial Calibration

Calibration Files

50 =PL087537.D 100 =PL087535.D 75 =PL087536.D
 25 =PL087538.D 5 =PL087539.D

	Compound	50	100	75	25	5	Avg	%RSD
1) SA	Tetrachloro-m-xylene	2.927	2.975	2.886	2.884	3.296	2.994 E6	5.78
2) A	alpha-BHC	4.509	4.829	4.576	4.202	4.317	4.487 E6	5.41
3) MA	gamma-BHC (Lindane)	4.364	4.608	4.399	4.119	4.318	4.362 E6	4.02
4) MA	Heptachlor	4.342	4.479	4.311	4.159	4.680	4.394 E6	4.46
5) MB	Aldrin	4.284	4.452	4.280	4.044	4.368	4.286 E6	3.56
6) B	beta-BHC	1.827	1.798	1.768	1.825	2.084	1.860 E6	6.83
7) B	delta-BHC	4.181	4.419	4.228	3.929	4.283	4.208 E6	4.27
8) B	Heptachlor epoxide	3.788	3.879	3.831	3.730	3.818	3.809 E6	1.45
9) A	Endosulfan I	3.494	3.537	3.549	3.534	3.916	3.606 E6	4.84
10) B	gamma-Chlordane	3.786	3.895	3.836	3.760	4.050	3.866 E6	2.98
11) B	alpha-Chlordane	3.779	3.846	3.771	3.710	4.107	3.843 E6	4.05
12) B	4,4'-DDE	3.213	3.349	3.211	2.973	3.241	3.197 E6	4.30
13) MA	Dieldrin	3.714	3.846	3.712	3.517	3.835	3.725 E6	3.56
14) MA	Endrin	3.123	3.218	3.124	2.976	3.262	3.141 E6	3.51
15) B	Endosulfan II	3.118	3.126	3.066	3.049	3.676	3.207 E6	8.24
16) A	4,4'-DDD	2.584	2.668	2.587	2.433	2.621	2.579 E6	3.41
17) MA	4,4'-DDT	2.874	2.941	2.858	2.704	2.922	2.860 E6	3.26
18) B	Endrin aldehyde	2.486	2.457	2.423	2.438	2.772	2.515 E6	5.77
19) B	Endosulfan Sulfate	3.006	2.995	2.944	2.928	3.419	3.059 E6	6.68
20) A	Methoxychlor	1.604	1.552	1.547	1.593	1.822	1.624 E6	6.99
21) B	Endrin ketone	3.237	3.241	3.182	3.140	3.464	3.253 E6	3.85
22)	Mirex	2.700	2.557	2.562	2.774	3.426	2.804 E6	12.84
23)	Chlordane-1	1.301	1.369	1.312	1.358	1.335	1.335 E5	2.18
24)	Chlordane-2	1.411	1.421	1.388	1.519	1.636	1.475 E5	6.98
25)	Chlordane-3	5.416	5.839	5.541	5.630	5.388	5.563 E5	3.29
26)	Chlordane-4	6.710	7.051	6.736	7.119	6.971	6.917 E5	2.68
27)	Chlordane-5	1.094	1.145	1.098	1.159	1.143	1.128 E5	2.61
28) SA	Decachlorobiphenyl	2.751	2.595	2.626	2.810	3.458	2.848 E6	12.37

Signal #2 Calibration Files

50 =PL087537.D 100 =PL087535.D 75 =PL087536.D
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	Compound	50	100	75	25	5	Avg	%RSD
1) SA	Tetrachloro-m-xylene	1.199	1.244	1.179	1.164	1.271	1.211 E6	3.71
2) A	alpha-BHC	1.879	2.013	1.905	1.725	1.694	1.843 E6	7.19
3) MA	gamma-BHC (Lindane)	1.838	1.937	1.855	1.717	1.739	1.817 E6	4.96
4) MA	Heptachlor	1.793	1.866	1.786	1.686	1.775	1.781 E6	3.59
5) MB	Aldrin	1.781	1.871	1.802	1.668	1.702	1.765 E6	4.60
6) B	beta-BHC	7.554	7.522	7.374	7.495	8.297	7.648 E5	4.82
7) B	delta-BHC	1.768	1.884	1.795	1.624	1.609	1.736 E6	6.75
8) B	Heptachlor epoxide	1.602	1.642	1.549	1.522	1.621	1.587 E6	3.19
9) A	Endosulfan I	1.499	1.518	1.473	1.449	1.796	1.547 E6	9.15
10) B	gamma-Chlordane	1.601	1.662	1.604	1.521	1.683	1.614 E6	3.92
11) B	alpha-Chlordane	1.627	1.666	1.615	1.569	1.820	1.660 E6	5.80
12) B	4,4'-DDE	1.381	1.458	1.398	1.253	1.236	1.345 E6	7.17
13) MA	Dieldrin	1.611	1.684	1.608	1.509	1.535	1.589 E6	4.36
14) MA	Endrin	1.434	1.489	1.450	1.348	1.370	1.418 E6	4.11
15) B	Endosulfan II	1.377	1.404	1.352	1.306	1.406	1.369 E6	3.05
16) A	4,4'-DDD	1.154	1.203	1.159	1.053	1.070	1.128 E6	5.64
17) MA	4,4'-DDT	1.277	1.328	1.270	1.170	1.179	1.245 E6	5.47
18) B	Endrin aldehyde	1.137	1.124	1.106	1.111	1.333	1.162 E6	8.29
19) B	Endosulfan Sulfate	1.314	1.324	1.296	1.264	1.365	1.313 E6	2.85
20) A	Methoxychlor	7.389	7.153	7.116	7.264	7.883	7.361 E5	4.22
21) B	Endrin ketone	1.557	1.560	1.516	1.474	1.557	1.533 E6	2.45
22)	Mirex	1.303	1.260	1.246	1.309	1.590	1.341 E6	10.54

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	Compound	50	100	75	25	5	Avg		%RSD
23)	Chlordane-1	4.550	4.864	4.639	4.734	4.582	4.674	E4	2.72
24)	Chlordane-2	5.360	5.528	5.385	5.924	5.777	5.595	E4	4.42
25)	Chlordane-3	1.572	1.724	1.616	1.558	1.442	1.583	E5	6.46
26)	Chlordane-4	1.674	1.806	1.695	1.713	1.655	1.709	E5	3.43
27)	Chlordane-5	4.601	4.838	4.611	4.747	4.739	4.707	E4	2.13
28) SA	Decachlorobiphenyl	1.239	1.178	1.182	1.254	1.481	1.267	E6	9.81

(#) = Out of Range