

Method Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\
 Method File : PL060622.M
 Title : GC Extractables
 Last Update : Tue Jun 07 02:04:29 2022
 Response Via : Initial Calibration

Calibration Files

50 =PL075562.D 100 =PL075560.D 75 =PL075561.D
 25 =PL075563.D 5 =PL075564.D

	Compound	50	100	75	25	5	Avg	%RSD
1) SA	Tetrachloro-m-xylene	6.501	6.830	6.722	6.684	7.008	6.749 E5	2.77
2) A	alpha-BHC	0.928	1.036	0.998	0.898	0.839	0.940 E6	8.34
3) MA	gamma-BHC (Lindane)	8.626	9.474	9.188	8.477	8.122	8.777 E5	6.23
4) MA	Heptachlor	8.759	9.327	9.200	8.935	9.755	9.195 E5	4.17
5) MB	Aldrin	8.012	8.673	8.481	8.061	7.827	8.211 E5	4.29
6) B	beta-BHC	3.995	4.092	4.069	4.158	4.206	4.104 E5	1.99
7) B	delta-BHC	7.639	8.369	8.100	7.405	6.961	7.695 E5	7.25
8) B	Heptachlor epoxide	7.489	7.741	7.636	7.791	7.992	7.730 E5	2.41
9) A	Endosulfan I	6.857	7.140	6.906	7.015	7.065	6.997 E5	1.65
10) B	gamma-Chlordane	7.385	7.739	7.788	7.533	8.382	7.766 E5	4.90
11) B	alpha-Chlordane	7.388	7.705	7.573	7.599	7.865	7.626 E5	2.30
12) B	4,4'-DDE	6.479	7.023	6.785	6.428	6.376	6.618 E5	4.18
13) MA	Dieldrin	6.971	7.465	7.402	7.077	7.207	7.224 E5	2.90
14) MA	Endrin	5.767	6.161	5.937	5.847	5.934	5.929 E5	2.48
15) B	Endosulfan II	5.903	6.047	5.987	6.147	7.030	6.223 E5	7.39
16) A	4,4'-DDD	5.362	5.734	5.553	5.396	5.313	5.472 E5	3.14
17) MA	4,4'-DDT	6.179	6.543	6.446	6.307	6.555	6.406 E5	2.52
18) B	Endrin aldehyde	4.936	4.938	4.926	5.136	5.672	5.122 E5	6.25
19) B	Endosulfan Sulfate	5.996	6.119	6.087	6.322	6.797	6.264 E5	5.12
20) A	Methoxychlor	3.448	3.435	3.429	3.618	3.968	3.580 E5	6.45
21) B	Endrin ketone	6.729	6.849	6.823	7.048	7.713	7.032 E5	5.65
22)	Mirex	5.317	5.193	5.257	5.802	6.571	5.628 E5	10.29
23)	Chlordane-1	2.567	2.530	2.487	2.431	2.536	2.510 E4	2.10
24)	Chlordane-2	3.148	2.953	2.959	3.083	3.236	3.076 E4	3.98
25)	Chlordane-3	1.060	1.056	1.033	1.005	1.009	1.033 E5	2.47
26)	Chlordane-4	1.300	1.268	1.244	1.243	1.279	1.267 E5	1.91
27)	Chlordane-5	2.274	2.209	2.162	2.153	2.133	2.186 E4	2.58
28) SA	Decachlorobiphenyl	5.872	5.655	5.744	6.254	7.086	6.122 E5	9.56

Signal #2 Calibration Files

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	Compound	50	100	75	25	5	Avg	%RSD
1) SA	Tetrachloro-m-xylene	1.595	1.662	1.638	1.667	1.829	1.678 E6	5.29
2) A	alpha-BHC	2.228	2.461	2.373	2.174	2.086	2.264 E6	6.69
3) MA	gamma-BHC (Lindane)	2.100	2.252	2.197	2.090	2.204	2.169 E6	3.24
4) MA	Heptachlor	2.043	2.177	2.133	2.080	2.228	2.132 E6	3.48
5) MB	Aldrin	1.880	2.030	1.989	1.890	2.031	1.964 E6	3.76
6) B	beta-BHC	0.918	0.933	0.930	0.989	1.138	0.982 E6	9.34
7) B	delta-BHC	2.053	2.238	2.170	2.047	2.197	2.141 E6	4.04
8) B	Heptachlor epoxide	1.745	1.818	1.787	1.798	2.002	1.830 E6	5.44
9) A	Endosulfan I	1.595	1.665	1.636	1.642	1.825	1.673 E6	5.33
10) B	gamma-Chlordane	1.737	1.824	1.828	1.775	2.003	1.834 E6	5.56
11) B	alpha-Chlordane	1.729	1.806	1.782	1.786	2.026	1.826 E6	6.33
12) B	4,4'-DDE	1.551	1.628	1.602	1.551	1.661	1.599 E6	3.03
13) MA	Dieldrin	1.630	1.729	1.682	1.644	1.778	1.693 E6	3.63
14) MA	Endrin	1.301	1.334	1.354	1.323	1.524	1.367 E6	6.57
15) B	Endosulfan II	1.372	1.397	1.399	1.440	1.557	1.433 E6	5.14
16) A	4,4'-DDD	1.269	1.345	1.297	1.278	1.387	1.315 E6	3.77
17) MA	4,4'-DDT	1.358	1.427	1.390	1.368	1.486	1.406 E6	3.70
18) B	Endrin aldehyde	1.072	1.078	1.072	1.127	1.282	1.126 E6	8.01
19) B	Endosulfan Sulfate	1.388	1.419	1.405	1.456	1.676	1.469 E6	8.06
20) A	Methoxychlor	7.710	7.657	7.653	8.209	9.504	8.146 E5	9.74
21) B	Endrin ketone	1.548	1.570	1.546	1.622	1.784	1.614 E6	6.19
22)	Mirex	1.209	1.197	1.207	1.308	1.500	1.284 E6	10.03

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	Compound	50	100	75	25	5	Avg		%RSD

23)	Chlordane-1	5.566	5.426	5.319	5.503	5.670	5.497	E4	2.43
24)	Chlordane-2	6.634	6.202	6.185	6.861	7.553	6.687	E4	8.43
25)	Chlordane-3	1.754	1.752	1.704	1.680	1.709	1.720	E5	1.87
26)	Chlordane-4	1.868	1.850	1.802	1.800	1.884	1.841	E5	2.09
27)	Chlordane-5	4.835	4.600	4.522	4.853	4.929	4.748	E4	3.72
28) SA	Decachlorobiphenyl	1.323	1.291	1.315	1.430	1.686	1.409	E6	11.63

(#) = Out of Range