

Method Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\
 Method File : PL052822.M
 Title : GC Extractables
 Last Update : Tue May 31 02:52:42 2022
 Response Via : Initial Calibration

Calibration Files

50 =PL075169.D 100 =PL075167.D 75 =PL075168.D
 25 =PL075170.D 5 =PL075171.D

	Compound	50	100	75	25	5	Avg	%RSD
1) SA	Tetrachloro-m-xylene	6.077	5.898	5.973	5.863	5.576	5.877 E5	3.19
2) A	alpha-BHC	8.658	8.863	8.767	8.068	6.909	8.253 E5	9.84
3) MA	gamma-BHC (Lindane)	8.269	8.255	8.259	7.514	6.837	7.827 E5	8.19
4) MA	Heptachlor	8.258	8.168	8.189	7.640	7.791	8.009 E5	3.44
5) MB	Aldrin	7.612	7.619	7.591	6.874	6.765	7.292 E5	5.94
6) B	beta-BHC	3.878	3.650	3.736	3.647	3.704	3.723 E5	2.53
7) B	delta-BHC	8.157	8.169	8.180	7.030	6.859	7.679 E5	8.77
8) B	Heptachlor epoxide	7.184	6.915	6.976	5.925	7.136	6.827 E5	7.57
9) A	Endosulfan I	6.544	6.362	6.403	6.077	6.017	6.281 E5	3.58
10) B	gamma-Chlordane	6.992	6.840	6.848	6.612	6.430	6.744 E5	3.30
11) B	alpha-Chlordane	7.038	6.802	6.859	6.645	6.535	6.776 E5	2.87
12) B	4,4'-DDE	6.155	6.193	6.127	5.522	5.091	5.817 E5	8.45
13) MA	Dieldrin	6.654	6.571	6.569	6.076	5.815	6.337 E5	5.85
14) MA	Endrin	5.596	5.511	5.510	4.927	5.008	5.310 E5	5.95
15) B	Endosulfan II	5.742	5.470	5.537	5.607	5.867	5.644 E5	2.84
16) A	4,4'-DDD	5.173	5.104	5.095	4.823	4.534	4.946 E5	5.38
17) MA	4,4'-DDT	5.972	5.837	5.825	5.627	5.862	5.825 E5	2.14
18) B	Endrin aldehyde	4.565	4.337	4.413	4.371	4.287	4.395 E5	2.41
19) B	Endosulfan Sulfate	5.797	5.474	5.568	5.476	5.499	5.563 E5	2.45
20) A	Methoxychlor	3.249	3.043	3.107	3.077	2.838	3.063 E5	4.84
21) B	Endrin ketone	6.453	6.143	6.232	6.530	5.340	6.140 E5	7.72
22)	Mirex	4.992	4.528	4.659	4.916	5.142	4.847 E5	5.16
23)	Chlordane-1	2.329					2.329 E4	0.00
24)	Chlordane-2	2.928					2.928 E4	0.00
25)	Chlordane-3	9.817					9.817 E4	0.00
26)	Chlordane-4	1.199					1.199 E5	0.00
27)	Chlordane-5	2.180					2.180 E4	0.00
28) SA	Decachlorobiphenyl	5.428	4.938	5.081	5.315	6.047	5.362 E5	7.99

Signal #2 Calibration Files

50 =PL075169.D 100 =PL075167.D 75 =PL075168.D
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	Compound	50	100	75	25	5	Avg	%RSD
1) SA	Tetrachloro-m-xylene	1.619	1.553	1.594	1.579	1.576	1.584 E6	1.54
2) A	alpha-BHC	2.293	2.312	2.337	2.082	1.796	2.164 E6	10.60
3) MA	gamma-BHC (Lindane)	2.183	2.151	2.190	2.021	1.956	2.100 E6	5.02
4) MA	Heptachlor	2.113	2.064	2.106	1.932	1.978	2.039 E6	3.95
5) MB	Aldrin	1.994	1.971	2.005	1.842	1.838	1.930 E6	4.30
6) B	beta-BHC	0.983	0.913	0.955	0.952	1.049	0.971 E6	5.20
7) B	delta-BHC	2.223	2.177	2.223	2.029	2.074	2.145 E6	4.14
8) B	Heptachlor epoxide	1.889	1.812	1.868	1.734	1.834	1.827 E6	3.29
9) A	Endosulfan I	1.755	1.688	1.732	1.602	1.673	1.690 E6	3.51
10) B	gamma-Chlordane	1.907	1.852	1.896	1.721	1.819	1.839 E6	4.06
11) B	alpha-Chlordane	1.893	1.821	1.870	1.706	1.845	1.827 E6	3.99
12) B	4,4'-DDE	1.708	1.699	1.730	1.503	1.504	1.629 E6	7.05
13) MA	Dieldrin	1.819	1.777	1.808	1.608	1.663	1.735 E6	5.42
14) MA	Endrin	1.503	1.453	1.489	1.677	1.662	1.557 E6	6.73
15) B	Endosulfan II	1.566	1.563	1.628	1.400	1.714	1.574 E6	7.33
16) A	4,4'-DDD	1.416	1.390	1.414	1.196	1.267	1.337 E6	7.44
17) MA	4,4'-DDT	1.508	1.471	1.503	1.336	1.332	1.430 E6	6.22
18) B	Endrin aldehyde	1.175	1.095	1.135	1.267	1.356	1.206 E6	8.75
19) B	Endosulfan Sulfate	1.538	1.446	1.493	1.435	1.572	1.497 E6	3.93
20) A	Methoxychlor	8.493	7.778	8.074	7.578	8.680	8.121 E5	5.73
21) B	Endrin ketone	1.677	1.588	1.631	1.525	1.576	1.599 E6	3.59
22)	Mirex	1.322	1.191	1.250	1.211	1.385	1.272 E6	6.36

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	Compound	50	100	75	25	5	Avg	%RSD
23)	Chlordane-1	5.699					5.699 E4	0.00
24)	Chlordane-2	6.902					6.902 E4	0.00
25)	Chlordane-3	1.824					1.824 E5	0.00
26)	Chlordane-4	1.938					1.938 E5	0.00
27)	Chlordane-5	5.152					5.152 E4	0.00
28) SA	Decachlorobiphenyl	1.388	1.254	1.301	1.393	1.525	1.372 E6	7.56

(#) = Out of Range