

Method Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\
 Method File : PD061825.M
 Title : GC Extractables
 Last Update : Wed Jun 18 05:39:05 2025
 Response Via : Initial Calibration

Calibration Files

50 =PD088995.D 100 =PD088993.D 75 =PD088994.D
 25 =PD088996.D 5 =PD088997.D

	Compound	50	100	75	25	5	Avg	%RSD
1) SA	Tetrachloro-m-xylene	2.767	2.812	2.762	2.752	3.172	2.853 E6	6.30
2) MA	alpha-BHC	5.875	6.295	6.032	5.418	5.526	5.829 E6	6.20
3) MA	gamma-BHC (Lindane)	5.567	5.901	5.687	5.222	5.533	5.582 E6	4.43
4) MA	Heptachlor	5.359	5.622	5.430	5.116	5.734	5.452 E6	4.40
5) MB	Aldrin	5.255	5.504	5.313	4.989	5.504	5.313 E6	4.01
6) B	beta-BHC	2.138	2.137	2.101	2.145	2.516	2.207 E6	7.85
7) B	delta-BHC	5.182	5.546	5.292	4.751	4.893	5.133 E6	6.18
8) B	Heptachlor epoxide	4.750	4.795	4.674	4.555	5.347	4.824 E6	6.35
9) A	Endosulfan I	4.413	4.511	4.406	4.289	4.918	4.507 E6	5.39
10) B	gamma-Chlordane	4.716	4.869	4.801	4.509	5.045	4.788 E6	4.12
11) B	alpha-Chlordane	4.735	4.885	4.759	4.584	5.230	4.839 E6	5.03
12) B	4,4'-DDE	4.312	4.564	4.401	4.092	4.435	4.361 E6	4.02
13) MA	Dieldrin	4.750	4.934	4.797	4.528	4.979	4.797 E6	3.71
14) MA	Endrin	4.096	4.238	4.110	3.878	4.306	4.126 E6	3.97
15) B	Endosulfan II	4.002	3.829	3.982	3.816	4.553	4.037 E6	7.46
16) A	4,4'-DDD	3.414	3.557	3.439	3.229	3.521	3.432 E6	3.72
17) MA	4,4'-DDT	3.763	3.928	3.802	3.581	3.866	3.788 E6	3.48
18) B	Endrin aldehyde	2.964	2.964	2.936	2.967	3.489	3.064 E6	7.76
19) B	Endosulfan Sulfate	3.742	3.787	3.718	3.667	4.272	3.837 E6	6.43
20) A	Methoxychlor	1.971	1.926	1.919	1.982	2.305	2.021 E6	7.97
21) B	Endrin ketone	4.005	4.050	3.971	3.896	4.444	4.073 E6	5.27
22)	Mirex	2.903	2.801	2.810	2.991	3.697	3.040 E6	12.34
23)	Chlordane-1	2.066	2.141	2.072	2.042	2.379	2.140 E5	6.48
24)	Chlordane-2	2.074	2.045	2.024	2.150	2.623	2.183 E5	11.46
25)	Chlordane-3	8.517	8.950	8.700	8.122	8.835	8.625 E5	3.76
26)	Chlordane-4	1.022	1.069	1.038	0.998	1.126	1.051 E6	4.71
27)	Chlordane-5	1.771	1.825	1.778	1.747	2.016	1.828 E5	5.97
28) SA	Decachlorobiphenyl	3.773	3.599	3.628	3.898	4.740	3.928 E6	11.96

Signal #2 Calibration Files

50 =PD088995.D 100 =PD088993.D 75 =PD088994.D
 25 =PD088996.D 5 =PD088997.D

	Compound	50	100	75	25	5	Avg	%RSD
1) SA	Tetrachloro-m-xylene	1.598	1.588	1.587	1.673	2.031	1.695 E7	11.27
2) A	alpha-BHC	2.585	2.565	2.544	2.615	3.090	2.680 E7	8.61
3) MA	gamma-BHC (Lindane)	2.375	2.362	2.344	2.422	2.875	2.476 E7	9.09
4) MA	Heptachlor	2.392	2.329	2.337	2.472	2.990	2.504 E7	11.08
5) MB	Aldrin	2.316	2.272	2.275	2.385	2.861	2.422 E7	10.31
6) B	beta-BHC	1.020	0.990	0.992	1.062	1.309	1.075 E7	12.47
7) B	delta-BHC	2.392	2.361	2.353	2.430	2.900	2.487 E7	9.36
8) B	Heptachlor epoxide	2.083	2.008	2.025	2.170	2.664	2.190 E7	12.43
9) A	Endosulfan I	1.932	1.917	1.920	2.075	2.577	2.084 E7	13.60
10) B	gamma-Chlordane	2.252	2.223	2.202	2.349	2.935	2.392 E7	12.90
11) B	alpha-Chlordane	2.157	2.119	2.115	2.252	2.806	2.290 E7	12.83
12) B	4,4'-DDE	2.182	2.134	2.144	2.256	2.741	2.292 E7	11.16
13) MA	Dieldrin	2.212	2.144	2.162	2.294	2.792	2.321 E7	11.62
14) MA	Endrin	2.064	2.054	1.991	2.128	2.621	2.171 E7	11.78
15) B	Endosulfan II	1.909	1.847	1.857	2.000	2.485	2.020 E7	13.22
16) A	4,4'-DDD	1.819	1.775	1.790	1.881	2.300	1.913 E7	11.49
17) MA	4,4'-DDT	1.959	1.939	1.933	2.001	2.308	2.028 E7	7.83
18) B	Endrin aldehyde	1.438	1.377	1.392	1.520	1.929	1.531 E7	14.96
19) B	Endosulfan Sulfate	1.849	1.793	1.804	1.941	2.423	1.962 E7	13.48
20) A	Methoxychlor	1.026	0.971	0.990	1.083	1.314	1.077 E7	12.94
21) B	Endrin ketone	2.045	1.959	1.982	2.154	2.661	2.160 E7	13.43
22)	Mirex	1.558	1.495	1.507	1.657	2.121	1.668 E7	15.67

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	Compound	50	100	75	25	5	Avg	%RSD
23)	Chlordane-1	0.897	0.860	0.866	0.926	1.111	0.932 E6	11.10
24)	Chlordane-2	0.904	0.848	0.859	0.945	1.203	0.952 E6	15.32
25)	Chlordane-3	2.826	2.708	2.718	2.907	3.691	2.970 E6	13.85
26)	Chlordane-4	2.383	2.272	2.286	2.472	3.120	2.507 E6	14.04
27)	Chlordane-5	1.093	1.045	1.050	1.131	1.339	1.132 E6	10.73
28) SA	Decachlorobiphenyl	1.843	1.795	1.794	1.943	2.511	1.977 E7	15.40

(#) = Out of Range