

Method Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\
 Method File : PD031325.M
 Title : GC Extractables
 Last Update : Thu Mar 13 03:59:08 2025
 Response Via : Initial Calibration

Calibration Files

50 =PD087963.D 100 =PD087961.D 75 =PD087962.D
 25 =PD087964.D 5 =PD087965.D

	Compound	50	100	75	25	5	Avg	%RSD
1) SA	Tetrachloro-m-xylene	1.826	1.828	1.738	1.856	1.806	1.811 E6	2.45
2) MA	alpha-BHC	4.116	4.477	4.072	3.856	3.282	3.961 E6	11.11
3) MA	gamma-BHC (Lindane)	3.916	4.197	3.850	3.697	3.188	3.769 E6	9.88
4) MA	Heptachlor	3.796	4.006	3.700	3.679	3.426	3.722 E6	5.64
5) MB	Aldrin	3.732	3.928	3.640	3.617	3.311	3.646 E6	6.13
6) B	beta-BHC	1.516	1.505	1.431	1.552	1.553	1.511 E6	3.30
7) B	delta-BHC	3.911	4.069	3.803	3.706	4.122	3.922 E6	4.46
8) B	Heptachlor epoxide	3.374	3.439	3.245	3.338	3.378	3.355 E6	2.12
9) A	Endosulfan I	3.189	3.289	3.061	3.176	3.084	3.160 E6	2.88
10) B	gamma-Chlordane	3.407	3.573	3.297	3.345	3.309	3.386 E6	3.33
11) B	alpha-Chlordane	3.400	3.530	3.270	3.364	3.341	3.381 E6	2.84
12) B	4,4'-DDE	3.104	3.299	3.020	3.004	2.742	3.034 E6	6.62
13) MA	Dieldrin	3.420	3.591	3.311	3.330	3.062	3.343 E6	5.75
14) MA	Endrin	2.843	2.984	2.753	2.768	2.590	2.788 E6	5.15
15) B	Endosulfan II	2.881	2.958	2.752	2.884	2.877	2.870 E6	2.58
16) A	4,4'-DDD	2.401	2.546	2.331	2.336	2.130	2.349 E6	6.38
17) MA	4,4'-DDT	2.681	2.840	2.605	2.529	2.382	2.607 E6	6.54
18) B	Endrin aldehyde	2.200	2.216	2.102	2.269	2.272	2.212 E6	3.13
19) B	Endosulfan Sulfate	2.703	2.768	2.573	2.719	2.634	2.680 E6	2.85
20) A	Methoxychlor	1.421	1.410	1.330	1.460	1.424	1.409 E6	3.40
21) B	Endrin ketone	2.923	2.995	2.788	2.924	2.727	2.871 E6	3.84
22)	Mirex	2.176	2.120	2.019	2.296	2.345	2.191 E6	6.02
23)	Chlordane-1	1.264	1.315	1.288	1.297	1.278	1.288 E5	1.52
24)	Chlordane-2	1.265	1.263	1.261	1.350	1.534	1.334 E5	8.81
25)	Chlordane-3	5.082	5.547	5.328	5.017	4.998	5.194 E5	4.56
26)	Chlordane-4	6.144	6.588	6.361	6.159	6.334	6.317 E5	2.86
27)	Chlordane-5	1.030	1.089	1.057	1.053	1.073	1.060 E5	2.09
28) SA	Decachlorobiphenyl	2.975	2.875	2.747	3.126	3.202	2.985 E6	6.18

Signal #2 Calibration Files

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	Compound	50	100	75	25	5	Avg	%RSD
1) SA	Tetrachloro-m-xylene	1.339	1.274	1.237	1.425	1.524	1.360 E7	8.56
2) A	alpha-BHC	2.098	2.032	1.958	2.186	2.251	2.105 E7	5.57
3) MA	gamma-BHC (Lindane)	1.943	1.873	1.809	2.044	2.157	1.965 E7	7.04
4) MA	Heptachlor	1.940	1.835	1.789	2.059	2.189	1.962 E7	8.35
5) MB	Aldrin	1.899	1.806	1.756	2.009	2.141	1.922 E7	8.11
6) B	beta-BHC	0.847	0.793	0.774	0.910	1.003	0.866 E7	10.78
7) B	delta-BHC	1.939	1.871	1.807	2.028	2.136	1.956 E7	6.62
8) B	Heptachlor epoxide	1.722	1.619	1.580	1.837	1.981	1.748 E7	9.39
9) A	Endosulfan I	1.641	1.547	1.507	1.757	1.896	1.670 E7	9.54
10) B	gamma-Chlordane	1.848	1.768	1.707	1.957	2.106	1.877 E7	8.44
11) B	alpha-Chlordane	1.784	1.699	1.646	1.900	2.056	1.817 E7	9.03
12) B	4,4'-DDE	1.775	1.692	1.641	1.871	1.993	1.794 E7	7.86
13) MA	Dieldrin	1.814	1.720	1.671	1.923	2.029	1.831 E7	8.00
14) MA	Endrin	1.647	1.551	1.508	1.745	1.927	1.676 E7	10.03
15) B	Endosulfan II	1.587	1.494	1.460	1.698	1.843	1.616 E7	9.69
16) A	4,4'-DDD	1.477	1.401	1.363	1.568	1.649	1.491 E7	7.90
17) MA	4,4'-DDT	1.564	1.504	1.453	1.635	1.575	1.546 E7	4.52
18) B	Endrin aldehyde	1.223	1.136	1.129	1.338	1.472	1.259 E7	11.57
19) B	Endosulfan Sulfate	1.560	1.467	1.431	1.673	1.820	1.590 E7	9.98
20) A	Methoxychlor	8.214	7.563	7.461	8.888	9.200	8.265 E6	9.38
21) B	Endrin ketone	1.677	1.569	1.536	1.800	1.926	1.702 E7	9.54
22)	Mirex	1.328	1.241	1.211	1.446	1.613	1.368 E7	12.05

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	Compound	50	100	75	25	5	Avg	%RSD
23)	Chlordane-1	6.064	5.907	5.954	6.530	7.227	6.336 E5	8.77
24)	Chlordane-2	6.409	6.077	6.207	7.043	8.131	6.773 E5	12.47
25)	Chlordane-3	1.837	1.804	1.796	1.992	2.286	1.943 E6	10.67
26)	Chlordane-4	1.521	1.483	1.482	1.646	1.916	1.610 E6	11.44
27)	Chlordane-5	7.323	7.147	7.194	7.884	8.636	7.637 E5	8.27
28) SA	Decachlorobiphenyl	1.526	1.439	1.391	1.644	1.813	1.563 E7	10.87

(#) = Out of Range