

Method Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\
 Method File : PD011823.M
 Title : GC Extractables
 Last Update : Thu Jan 19 02:45:26 2023
 Response Via : Initial Calibration

Calibration Files

50 =PD073631.D 100 =PD073629.D 75 =PD073630.D
 25 =PD073632.D 5 =PD073633.D

	Compound	50	100	75	25	5	Avg	%RSD
1) SA	Tetrachloro-m-xylene	2.352	2.389	2.360	2.304	2.282	2.337 E6	1.86
2) MA	alpha-BHC	4.114	4.397	4.266	3.782	3.300	3.972 E6	11.09
3) MA	gamma-BHC (Lindane)	3.769	3.962	3.860	3.524	3.243	3.672 E6	7.88
4) MA	Heptachlor	3.790	3.959	3.857	3.556	3.406	3.713 E6	6.11
5) MB	Aldrin	3.685	3.843	3.747	3.448	3.299	3.605 E6	6.22
6) B	beta-BHC	1.533	1.519	1.511	1.533	1.660	1.551 E6	3.98
7) B	delta-BHC	3.467	3.650	3.555	3.200	2.954	3.365 E6	8.46
8) B	Heptachlor epoxide	3.194	3.306	3.233	3.079	3.144	3.191 E6	2.70
9) A	Endosulfan I	3.079	3.170	3.101	2.961	3.041	3.071 E6	2.51
10) B	gamma-Chlordane	3.318	3.447	3.360	3.205	3.132	3.292 E6	3.79
11) B	alpha-Chlordane	3.294	3.403	3.327	3.182	3.289	3.299 E6	2.42
12) B	4,4'-DDE	3.083	3.263	3.153	2.872	2.730	3.020 E6	7.16
13) MA	Dieldrin	3.234	3.408	3.299	3.042	2.960	3.188 E6	5.79
14) MA	Endrin	2.721	2.883	2.805	2.589	2.557	2.711 E6	5.12
15) B	Endosulfan II	2.618	2.675	2.624	2.550	2.774	2.648 E6	3.14
16) A	4,4'-DDD	2.502	2.618	2.542	2.362	2.307	2.466 E6	5.21
17) MA	4,4'-DDT	2.808	2.924	2.846	2.667	2.675	2.784 E6	4.00
18) B	Endrin aldehyde	2.154	2.143	2.115	2.138	2.296	2.169 E6	3.33
19) B	Endosulfan Sulfate	2.662	2.702	2.656	2.603	2.765	2.678 E6	2.25
20) A	Methoxychlor	1.525	1.491	1.483	1.546	1.701	1.549 E6	5.72
21) B	Endrin ketone	3.015	3.053	3.001	2.944	3.107	3.024 E6	2.01
22)	Mirex	2.229	2.165	2.161	2.291	2.644	2.298 E6	8.72
23)	Chlordane-1	1.141	1.165	1.116	1.116	1.112	1.130 E5	2.03
24)	Chlordane-2	1.240	1.180	1.177	1.276	1.453	1.265 E5	8.95
25)	Chlordane-3	4.806	4.986	4.824	4.509	4.285	4.682 E5	5.99
26)	Chlordane-4	5.854	5.968	5.809	5.577	5.414	5.724 E5	3.92
27)	Chlordane-5	1.027	1.017	1.004	1.015	1.047	1.022 E5	1.60
28) SA	Decachlorobiphenyl	2.731	2.620	2.633	2.822	3.284	2.818 E6	9.69

Signal #2 Calibration Files

50 =PD073631.D 100 =PD073629.D 75 =PD073630.D
 25 =PD073632.D 5 =PD073633.D

	Compound	50	100	75	25	5	Avg	%RSD
1) SA	Tetrachloro-m-xylene	1.278	1.259	1.260	1.274	1.295	1.273 E6	1.17
2) A	alpha-BHC	1.732	1.761	1.739	1.671	1.616	1.704 E6	3.50
3) MA	gamma-BHC (Lindane)	1.529	1.532	1.519	1.481	1.459	1.504 E6	2.14
4) MA	Heptachlor	1.344	1.338	1.330	1.325	1.357	1.339 E6	0.93
5) MB	Aldrin	1.633	1.642	1.632	1.589	1.581	1.615 E6	1.74
6) B	beta-BHC	6.606	6.369	6.417	6.731	7.012	6.627 E5	3.92
7) B	delta-BHC	1.547	1.566	1.548	1.496	1.486	1.529 E6	2.31
8) B	Heptachlor epoxide	1.349	1.330	1.328	1.338	1.382	1.346 E6	1.65
9) A	Endosulfan I	1.352	1.339	1.334	1.340	1.357	1.345 E6	0.71
10) B	gamma-Chlordane	1.486	1.492	1.478	1.457	1.487	1.480 E6	0.95
11) B	alpha-Chlordane	1.490	1.489	1.476	1.472	1.509	1.487 E6	0.98
12) B	4,4'-DDE	1.351	1.362	1.349	1.311	1.298	1.334 E6	2.09
13) MA	Dieldrin	1.317	1.311	1.304	1.296	1.326	1.311 E6	0.89
14) MA	Endrin	1.113	1.090	1.091	1.107	1.159	1.112 E6	2.54
15) B	Endosulfan II	1.160	1.154	1.140	1.152	1.217	1.165 E6	2.58
16) A	4,4'-DDD	1.033	1.022	1.017	1.024	1.056	1.030 E6	1.50
17) MA	4,4'-DDT	1.037	1.032	1.025	1.021	1.036	1.030 E6	0.67
18) B	Endrin aldehyde	8.755	8.454	8.500	8.905	9.487	8.820 E5	4.72
19) B	Endosulfan Sulfate	1.121	1.095	1.097	1.121	1.193	1.126 E6	3.51
20) A	Methoxychlor	5.250	4.957	5.026	5.390	5.547	5.234 E5	4.70
21) B	Endrin ketone	1.274	1.230	1.238	1.285	1.380	1.281 E6	4.68
22)	Mirex	1.036	0.987	0.992	1.058	1.178	1.050 E6	7.40

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	Compound	50	100	75	25	5	Avg		%RSD

23)	Chlordane-1	4.572	4.482	4.422	4.567	4.609	4.531	E4	1.69
24)	Chlordane-2	4.991	4.665	4.719	5.214	5.378	4.993	E4	6.17
25)	Chlordane-3	1.463	1.455	1.431	1.419	1.450	1.444	E5	1.27
26)	Chlordane-4	1.387	1.376	1.375	1.385	1.447	1.394	E5	2.18
27)	Chlordane-5	5.100	4.909	4.871	5.148	5.097	5.025	E4	2.50
28) SA	Decachlorobiphenyl	1.140	1.078	1.092	1.176	1.331	1.163	E6	8.73

(#) = Out of Range