

Method Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\
 Method File : PD070423.M
 Title : GC Extractables
 Last Update : Tue Jul 04 14:44:18 2023
 Response Via : Initial Calibration

Calibration Files

50 =PD076306.D 100 =PD076304.D 75 =PD076305.D
 25 =PD076307.D 5 =PD076308.D

	Compound	50	100	75	25	5	Avg	%RSD
1) SA	Tetrachloro-m-xylene	3.287	3.351	3.319	3.256	3.169	3.276 E6	2.13
2) MA	alpha-BHC	5.955	6.324	6.169	5.637	4.875	5.792 E6	9.91
3) MA	gamma-BHC (Lindane)	5.381	5.686	5.574	5.140	4.397	5.236 E6	9.79
4) MA	Heptachlor	5.613	5.833	5.775	5.417	4.863	5.500 E6	7.11
5) MB	Aldrin	5.441	5.698	5.618	5.260	4.715	5.346 E6	7.32
6) B	beta-BHC	2.099	2.108	2.107	2.122	2.045	2.096 E6	1.42
7) B	delta-BHC	5.222	5.580	5.437	4.973	4.486	5.140 E6	8.39
8) B	Heptachlor epoxide	4.783	4.942	4.903	4.735	4.729	4.818 E6	2.04
9) A	Endosulfan I	4.471	4.609	4.584	4.416	4.225	4.461 E6	3.45
10) B	gamma-Chlordane	4.874	5.104	5.040	4.760	4.538	4.863 E6	4.66
11) B	alpha-Chlordane	4.801	4.990	4.945	4.742	4.543	4.804 E6	3.70
12) B	4,4'-DDE	4.313	4.573	4.508	4.168	3.661	4.245 E6	8.56
13) MA	Dieldrin	4.737	4.971	4.918	4.578	4.187	4.678 E6	6.74
14) MA	Endrin	4.033	4.192	4.155	3.926	3.600	3.981 E6	5.97
15) B	Endosulfan II	3.712	3.822	3.797	3.680	3.557	3.714 E6	2.84
16) A	4,4'-DDD	3.403	3.565	3.524	3.317	2.989	3.360 E6	6.83
17) MA	4,4'-DDT	3.634	3.847	3.799	3.455	2.844	3.516 E6	11.55
18) B	Endrin aldehyde	2.763	2.902	2.779	2.741	2.520	2.741 E6	5.05
19) B	Endosulfan Sulfate	3.676	3.771	3.746	3.680	3.601	3.695 E6	1.80
20) A	Methoxychlor	1.911	1.908	1.924	1.937	1.877	1.911 E6	1.16
21) B	Endrin ketone	4.164	4.242	4.244	4.139	4.084	4.175 E6	1.65
22)	Mirex	3.105	3.076	3.113	3.185	3.319	3.160 E6	3.09
23)	Chlordane-1	1.163	1.221	1.182	1.139	1.090	1.159 E5	4.24
24)	Chlordane-2	1.261	1.237	1.228	1.297	1.379	1.281 E5	4.78
25)	Chlordane-3	5.138	5.438	5.221	4.882	4.625	5.061 E5	6.21
26)	Chlordane-4	6.208	6.486	6.256	5.986	5.804	6.148 E5	4.26
27)	Chlordane-5	1.008	1.034	0.996	0.954	0.891	0.977 E5	5.73
28) SA	Decachlorobiphenyl	3.495	3.366	3.460	3.595	3.863	3.556 E6	5.35

Signal #2 Calibration Files

50 =PD076306.D 100 =PD076304.D 75 =PD076305.D
 25 =PD076307.D 5 =PD076308.D

	Compound	50	100	75	25	5	Avg	%RSD
1) SA	Tetrachloro-m-xylene	1.596	1.609	1.597	1.586	1.555	1.589 E6	1.30
2) A	alpha-BHC	2.484	2.604	2.551	2.339	2.071	2.409 E6	8.88
3) MA	gamma-BHC (Lindane)	2.278	2.368	2.326	2.171	1.988	2.226 E6	6.84
4) MA	Heptachlor	2.312	2.367	2.348	2.226	2.104	2.271 E6	4.75
5) MB	Aldrin	2.250	2.334	2.301	2.157	2.039	2.216 E6	5.38
6) B	beta-BHC	8.844	8.794	8.760	8.957	9.111	8.893 E5	1.61
7) B	delta-BHC	2.150	2.261	2.206	2.036	1.860	2.103 E6	7.56
8) B	Heptachlor epoxide	2.012	2.055	2.035	1.969	1.927	1.999 E6	2.59
9) A	Endosulfan I	1.888	1.930	1.909	1.845	1.791	1.873 E6	2.96
10) B	gamma-Chlordane	2.004	2.077	2.044	1.945	1.886	1.991 E6	3.85
11) B	alpha-Chlordane	1.996	2.055	2.025	1.952	1.908	1.987 E6	2.93
12) B	4,4'-DDE	1.559	1.642	1.601	1.501	1.381	1.537 E6	6.60
13) MA	Dieldrin	1.999	2.077	2.042	1.916	1.814	1.970 E6	5.38
14) MA	Endrin	1.787	1.831	1.815	1.722	1.671	1.765 E6	3.80
15) B	Endosulfan II	1.559	1.600	1.581	1.527	1.492	1.552 E6	2.78
16) A	4,4'-DDD	1.225	1.275	1.252	1.189	1.102	1.209 E6	5.58
17) MA	4,4'-DDT	1.268	1.357	1.320	1.177	0.931	1.210 E6	14.08
18) B	Endrin aldehyde	1.164	1.218	1.160	1.137	1.035	1.143 E6	5.88
19) B	Endosulfan Sulfate	1.521	1.551	1.535	1.498	1.492	1.519 E6	1.61
20) A	Methoxychlor	6.499	6.403	6.453	6.526	6.049	6.386 E5	3.04
21) B	Endrin ketone	1.769	1.796	1.778	1.735	1.662	1.748 E6	3.03
22)	Mirex	1.458	1.447	1.448	1.489	1.569	1.482 E6	3.47

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	Compound	50	100	75	25	5	Avg		%RSD

23)	Chlordane-1	4.401	4.476	4.421	4.455	4.373	4.425	E4	0.93
24)	Chlordane-2	4.756	4.722	4.594	5.123	5.101	4.859	E4	4.91
25)	Chlordane-3	1.411	1.478	1.425	1.371	1.331	1.403	E5	3.96
26)	Chlordane-4	1.389	1.450	1.447	1.381	1.375	1.408	E5	2.62
27)	Chlordane-5	4.836	5.004	4.888	4.717	3.822	4.653	E4	10.23
28) SA	Decachlorobiphenyl	1.231	1.210	1.213	1.267	1.371	1.259	E6	5.31

(#) = Out of Range