

Method Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\
 Method File : PD012424.M
 Title : GC Extractables
 Last Update : Wed Jan 24 20:16:38 2024
 Response Via : Initial Calibration

Calibration Files

50 =PD080836.D 100 =PD080834.D 75 =PD080835.D
 25 =PD080837.D 5 =PD080838.D

	Compound	50	100	75	25	5	Avg	%RSD
1) SA	Tetrachloro-m-xylene	1.390	1.428	1.359	1.382	1.539	1.420 E6	5.01
2) MA	alpha-BHC	2.596	2.763	2.456	2.265	2.340	2.484 E6	8.05
3) MA	gamma-BHC (Lindane)	2.583	2.684	2.370	2.249	2.351	2.448 E6	7.34
4) MA	Heptachlor	2.615	2.568	2.300	2.280	2.570	2.466 E6	6.58
5) MB	Aldrin	2.623	2.560	2.324	2.266	2.500	2.455 E6	6.24
6) B	beta-BHC	1.032	1.003	0.924	0.977	1.123	1.012 E6	7.30
7) B	delta-BHC	2.655	2.706	2.421	2.278	2.483	2.509 E6	6.96
8) B	Heptachlor epoxide	2.325	2.228	2.075	2.083	2.486	2.239 E6	7.73
9) A	Endosulfan I	2.142	2.069	1.923	1.961	2.275	2.074 E6	6.83
10) B	gamma-Chlordane	2.270	2.221	2.046	2.035	2.373	2.189 E6	6.69
11) B	alpha-Chlordane	2.255	2.192	2.023	2.043	2.373	2.177 E6	6.76
12) B	4,4'-DDE	2.129	2.121	1.950	1.895	2.079	2.035 E6	5.21
13) MA	Dieldrin	2.298	2.276	2.094	2.069	2.311	2.210 E6	5.34
14) MA	Endrin	1.904	1.921	1.777	1.771	1.965	1.868 E6	4.73
15) B	Endosulfan II	1.883	1.911	1.780	1.873	2.235	1.936 E6	9.00
16) A	4,4'-DDD	1.653	1.683	1.578	1.575	1.727	1.643 E6	4.05
17) MA	4,4'-DDT	1.806	1.874	1.741	1.685	1.798	1.781 E6	4.00
18) B	Endrin aldehyde	1.482	1.480	1.435	1.480	1.729	1.521 E6	7.75
19) B	Endosulfan Sulfate	1.874	1.868	1.806	1.817	2.128	1.899 E6	6.94
20) A	Methoxychlor	1.022	0.969	0.977	1.012	1.167	1.029 E6	7.80
21) B	Endrin ketone	2.073	2.037	1.991	2.034	2.321	2.091 E6	6.30
22)	Mirex	1.575	1.500	1.429	1.675	2.068	1.649 E6	15.23
23)	Chlordane-1	7.452	7.181	7.394	8.339	8.240	7.721 E4	6.86
24)	Chlordane-2	7.822	7.404	7.509	9.051	9.604	8.278 E4	11.96
25)	Chlordane-3	3.019	3.130	3.047	3.298	3.296	3.158 E5	4.22
26)	Chlordane-4	3.610	3.716	3.629	3.979	4.103	3.807 E5	5.82
27)	Chlordane-5	6.800	6.771	6.649	7.045	7.640	6.981 E4	5.66
28) SA	Decachlorobiphenyl	1.928	1.871	1.877	2.003	2.384	2.012 E6	10.65

Signal #2 Calibration Files

50 =PD080836.D 100 =PD080834.D 75 =PD080835.D
 25 =PD080837.D 5 =PD080838.D

	Compound	50	100	75	25	5	Avg	%RSD
1) SA	Tetrachloro-m-xylene	2.362	2.357	2.323	2.334	2.584	2.392 E6	4.54
2) A	alpha-BHC	3.849	3.968	3.848	3.683	3.837	3.837 E6	2.65
3) MA	gamma-BHC (Lindane)	3.740	3.826	3.726	3.609	3.795	3.739 E6	2.22
4) MA	Heptachlor	3.420	3.465	3.390	3.333	3.632	3.448 E6	3.29
5) MB	Aldrin	3.612	3.687	3.584	3.526	3.800	3.642 E6	2.91
6) B	beta-BHC	1.516	1.485	1.469	1.536	1.808	1.563 E6	8.93
7) B	delta-BHC	3.754	3.860	3.743	3.607	3.800	3.753 E6	2.50
8) B	Heptachlor epoxide	3.305	3.317	3.260	3.254	3.612	3.349 E6	4.46
9) A	Endosulfan I	3.016	3.029	2.977	2.988	3.304	3.063 E6	4.45
10) B	gamma-Chlordane	3.229	3.280	3.201	3.169	3.476	3.271 E6	3.72
11) B	alpha-Chlordane	3.218	3.242	3.178	3.185	3.525	3.270 E6	4.44
12) B	4,4'-DDE	3.053	3.128	3.047	2.957	3.131	3.063 E6	2.33
13) MA	Dieldrin	3.375	3.435	3.349	3.287	3.558	3.401 E6	3.02
14) MA	Endrin	2.939	2.970	2.906	2.854	3.148	2.963 E6	3.77
15) B	Endosulfan II	2.833	2.846	2.791	2.815	3.094	2.876 E6	4.30
16) A	4,4'-DDD	2.607	2.650	2.590	2.546	2.733	2.625 E6	2.70
17) MA	4,4'-DDT	2.678	2.747	2.679	2.569	2.592	2.653 E6	2.72
18) B	Endrin aldehyde	2.184	2.158	2.168	2.229	2.533	2.255 E6	7.01
19) B	Endosulfan Sulfate	2.721	2.703	2.669	2.726	3.127	2.789 E6	6.81
20) A	Methoxychlor	1.536	1.488	1.483	1.565	1.754	1.565 E6	7.09
21) B	Endrin ketone	3.183	3.161	3.124	3.173	3.494	3.227 E6	4.67
22)	Mirex	2.421	2.345	2.339	2.502	2.994	2.520 E6	10.83

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	Compound	50	100	75	25	5	Avg		%RSD
23)	Chlordane-1	1.002	0.983	0.980	1.016	1.104	1.017	E5	4.99
24)	Chlordane-2	1.175	1.108	1.122	1.243	1.480	1.226	E5	12.39
25)	Chlordane-3	3.316	3.308	3.324	3.318	3.515	3.356	E5	2.64
26)	Chlordane-4	3.113	3.183	3.103	3.115	3.371	3.177	E5	3.56
27)	Chlordane-5	1.203	1.191	1.185	1.215	1.267	1.212	E5	2.69
28) SA	Decachlorobiphenyl	2.572	2.496	2.488	2.649	3.113	2.664	E6	9.75

(#) = Out of Range