

Method Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\
 Method File : PD032921.M
 Title : GC Extractables
 Last Update : Tue Mar 30 04:47:56 2021
 Response Via : Initial Calibration

Calibration Files

50 =PD061819.D 100 =PD061817.D 75 =PD061818.D
 25 =PD061820.D 5 =PD061821.D

	Compound	50	100	75	25	5	Avg	%RSD
1) SA	Tetrachloro-m-xylene	0.791	0.781	0.796	0.818	1.001	0.837	E6 11.05
2) MA	alpha-BHC	1.220	1.255	1.259	1.195	1.387	1.263	E6 5.87
3) MA	gamma-BHC (Lindane)	1.139	1.161	1.166	1.128	1.343	1.187	E6 7.45
4) MA	Heptachlor	1.116	1.102	1.113	1.122	1.367	1.164	E6 9.76
5) MB	Aldrin	1.164	1.160	1.167	1.150	1.360	1.200	E6 7.46
6) B	beta-BHC	5.134	4.913	5.049	5.370	6.799	5.453	E5 14.13
7) B	delta-BHC	1.185	1.199	1.207	1.157	1.326	1.215	E6 5.36
8) B	Heptachlor epoxide	1.103	1.077	1.088	1.111	1.352	1.146	E6 10.10
9) A	Endosulfan I	1.057	1.025	1.037	1.066	1.305	1.098	E6 10.66
10) B	gamma-Chlordane	1.127	1.100	1.109	1.132	1.389	1.171	E6 10.45
11) B	alpha-Chlordane	1.112	1.081	1.095	1.132	1.389	1.162	E6 11.06
12) B	4,4'-DDE	1.096	1.075	1.078	1.081	1.288	1.124	E6 8.19
13) MA	Dieldrin	1.121	1.104	1.111	1.109	1.336	1.156	E6 8.72
14) MA	Endrin	0.989	0.963	0.968	0.994	1.223	1.028	E6 10.73
15) B	Endosulfan II	0.976	0.920	0.948	1.000	1.281	1.025	E6 14.24
16) A	4,4'-DDD	0.909	0.890	0.897	0.903	1.054	0.931	E6 7.48
17) MA	4,4'-DDT	9.001	8.858	8.819	8.769	9.589	9.007	E5 3.74
18) B	Endrin aldehyde	0.798	0.754	0.768	0.832	1.119	0.854	E6 17.67
19) B	Endosulfan Sulfate	1.027	0.958	0.987	1.049	1.374	1.079	E6 15.65
20) A	Methoxychlor	4.693	4.416	4.430	4.788	5.297	4.725	E5 7.59
21) B	Endrin ketone	1.226	1.170	1.185	1.244	1.556	1.276	E6 12.48
22)	Mirex	0.884	0.775	0.815	0.953	1.331	0.951	E6 23.40
23)	Chlordane-1	3.073	2.937	3.172	3.037	3.668	3.178	E4 9.03
24)	Chlordane-2	3.712	3.366	3.704	3.909	4.814	3.901	E4 14.01
25)	Chlordane-3	1.115	1.080	1.152	1.104	1.349	1.160	E5 9.39
26)	Chlordane-4	0.917	0.883	0.955	0.936	1.120	0.962	E5 9.57
27)	Chlordane-5	4.100	3.903	4.248	4.275	5.491	4.403	E4 14.21
28) SA	Decachlorobiphenyl	1.158	1.073	1.090	1.214	1.617	1.230	E6 18.13

Signal #2 Calibration Files

50 =PD061819.D 100 =PD061817.D 75 =PD061818.D
 25 =PD061820.D 5 =PD061821.D

	Compound	50	100	75	25	5	Avg	%RSD
1) SA	Tetrachloro-m-xylene	0.822	0.802	0.821	0.852	1.047	0.869	E7 11.67
2) A	alpha-BHC	1.296	1.287	1.300	1.315	1.528	1.345	E7 7.65
3) MA	gamma-BHC (Lindane)	1.186	1.169	1.179	1.219	1.483	1.247	E7 10.67
4) MA	Heptachlor	1.238	1.201	1.207	1.284	1.585	1.303	E7 12.37
5) MB	Aldrin	1.187	1.153	1.165	1.220	1.497	1.244	E7 11.52
6) B	beta-BHC	4.919	4.792	4.849	5.109	6.157	5.165	E6 10.98
7) B	delta-BHC	1.221	1.171	1.198	1.278	1.744	1.323	E7 18.06
8) B	Heptachlor epoxide	1.091	1.034	1.065	1.147	1.583	1.184	E7 19.13
9) A	Endosulfan I	1.035	0.986	1.007	1.068	1.323	1.084	E7 12.67
10) B	gamma-Chlordane	1.125	1.075	1.097	1.162	1.468	1.185	E7 13.62
11) B	alpha-Chlordane	1.080	1.027	1.056	1.118	1.419	1.140	E7 13.99
12) B	4,4'-DDE	1.103	1.054	1.077	1.133	1.395	1.152	E7 12.03
13) MA	Dieldrin	1.104	1.059	1.077	1.134	1.397	1.154	E7 12.03
14) MA	Endrin	0.942	0.897	0.909	0.976	1.224	0.990	E7 13.58
15) B	Endosulfan II	0.903	0.856	0.872	0.942	1.174	0.949	E7 13.68
16) A	4,4'-DDD	0.905	0.866	0.878	0.930	1.156	0.947	E7 12.61
17) MA	4,4'-DDT	0.922	0.900	0.891	0.935	1.128	0.955	E7 10.26
18) B	Endrin aldehyde	0.740	0.694	0.709	0.762	1.026	0.786	E7 17.39
19) B	Endosulfan Sulfate	0.958	0.907	0.920	0.986	1.241	1.002	E7 13.68
20) A	Methoxychlor	4.421	4.210	4.188	4.576	5.144	4.508	E6 8.65
21) B	Endrin ketone	0.963	0.904	0.909	0.974	1.322	1.014	E7 17.24
22)	Mirex	6.028	5.779	5.930	6.452	8.034	6.444	E6 14.32

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	Compound	50	100	75	25	5	Avg	%RSD
23)	Chlordane-1	3.692	3.491	3.794	3.755	4.665	3.879 E5	11.71
24)	Chlordane-2	3.572	3.332	3.608	3.701	4.973	3.837 E5	16.92
25)	Chlordane-3	1.561	1.462	1.593	1.602	2.071	1.658 E6	14.33
26)	Chlordane-4	1.798	1.681	1.832	1.859	2.425	1.919 E6	15.16
27)	Chlordane-5	3.393	3.142	3.469	3.513	4.503	3.604 E5	14.51
28) SA	Decachlorobiphenyl	0.889	0.814	0.839	0.932	1.246	0.944 E7	18.51

(#) = Out of Range