

Method Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\
 Method File : PD113021.M
 Title : GC Extractables
 Last Update : Tue Nov 30 10:18:41 2021
 Response Via : Initial Calibration

Calibration Files

50 =PD067131.D 100 =PD067129.D 75 =PD067130.D
 25 =PD067132.D 5 =PD067133.D

	Compound	50	100	75	25	5	Avg	%RSD
1) SA	Tetrachloro-m-xylene	1.987	2.028	2.010	2.013	2.294	2.066 E6	6.19
2) MA	alpha-BHC	3.324	3.505	3.427	3.220	3.320	3.359 E6	3.26
3) MA	gamma-BHC (Lindane)	3.075	3.178	3.131	3.061	3.164	3.122 E6	1.68
4) MA	Heptachlor	3.186	3.326	3.265	3.117	3.373	3.253 E6	3.19
5) MB	Aldrin	3.115	3.246	3.191	3.045	3.325	3.184 E6	3.43
6) B	beta-BHC	1.276	1.271	1.270	1.329	1.679	1.365 E6	12.98
7) B	delta-BHC	2.959	3.118	3.050	2.853	2.973	2.990 E6	3.35
8) B	Heptachlor epoxide	2.804	2.880	2.846	2.780	3.093	2.881 E6	4.33
9) A	Endosulfan I	2.570	2.649	2.619	2.562	2.920	2.664 E6	5.54
10) B	gamma-Chlordane	2.829	2.938	2.891	2.788	3.122	2.914 E6	4.46
11) B	alpha-Chlordane	2.756	2.850	2.813	2.751	3.147	2.863 E6	5.72
12) B	4,4'-DDE	2.611	2.678	2.631	2.532	2.735	2.637 E6	2.89
13) MA	Dieldrin	2.731	2.847	2.797	2.676	2.926	2.795 E6	3.49
14) MA	Endrin	2.238	2.250	2.233	2.193	2.502	2.283 E6	5.45
15) B	Endosulfan II	2.106	2.145	2.126	2.148	2.504	2.206 E6	7.60
16) A	4,4'-DDD	2.056	2.120	2.089	2.029	2.214	2.102 E6	3.41
17) MA	4,4'-DDT	2.076	2.173	2.132	2.028	2.170	2.116 E6	2.97
18) B	Endrin aldehyde	1.577	1.602	1.589	1.616	1.977	1.672 E6	10.21
19) B	Endosulfan Sulfate	1.906	1.954	1.944	1.979	2.357	2.028 E6	9.17
20) A	Methoxychlor	1.041	1.009	1.016	1.091	1.389	1.109 E6	14.38
21) B	Endrin ketone	2.151	2.183	2.176	2.221	2.597	2.266 E6	8.25
22)	Mirex	1.488	1.437	1.454	1.580	2.061	1.604 E6	16.30
23)	Chlordane-1	8.044	7.942	7.640	7.820	9.056	8.100 E4	6.85
24)	Chlordane-2	0.964	0.881	0.879	0.991	1.043	0.952 E5	7.50
25)	Chlordane-3	2.764	2.779	2.667	2.639	2.913	2.753 E5	3.93
26)	Chlordane-4	2.256	2.277	2.181	2.204	2.495	2.283 E5	5.47
27)	Chlordane-5	9.058	8.794	8.661	8.990	9.931	9.087 E4	5.48
28) SA	Decachlorobiphenyl	1.053	0.996	1.017	1.123	1.477	1.133 E6	17.48

Signal #2 Calibration Files

50 =PD067131.D 100 =PD067129.D 75 =PD067130.D
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	Compound	50	100	75	25	5	Avg	%RSD
1) SA	Tetrachloro-m-xylene	6.753	6.553	6.651	7.279	9.055	7.258 E6	14.37
2) A	alpha-BHC	0.990	0.992	0.992	1.026	1.203	1.041 E7	8.86
3) MA	gamma-BHC (Lindane)	0.905	0.902	0.905	0.940	1.112	0.953 E7	9.50
4) MA	Heptachlor	0.847	0.838	0.840	0.889	1.086	0.900 E7	11.78
5) MB	Aldrin	7.955	7.901	7.929	8.372	9.873	8.406 E6	10.02
6) B	beta-BHC	4.089	3.925	4.004	4.441	5.582	4.408 E6	15.55
7) B	delta-BHC	8.437	8.627	8.601	8.861	8.330	8.571 E6	2.37
8) B	Heptachlor epoxide	7.083	6.817	6.831	7.209	9.777	7.543 E6	16.70
9) A	Endosulfan I	6.650	6.485	6.530	6.958	8.324	6.989 E6	11.00
10) B	gamma-Chlordane	7.060	6.956	6.977	7.369	8.788	7.430 E6	10.45
11) B	alpha-Chlordane	6.957	6.805	6.844	7.300	8.846	7.350 E6	11.68
12) B	4,4'-DDE	6.626	6.572	6.578	6.831	7.991	6.919 E6	8.79
13) MA	Dieldrin	7.020	6.854	6.886	7.204	8.705	7.334 E6	10.62
14) MA	Endrin	5.243	5.265	5.314	5.537	7.696	5.811 E6	18.24
15) B	Endosulfan II	5.755	5.594	5.638	5.998	7.144	6.026 E6	10.70
16) A	4,4'-DDD	5.599	5.479	5.518	5.794	6.888	5.856 E6	10.07
17) MA	4,4'-DDT	5.783	5.710	5.729	5.915	6.705	5.968 E6	7.02
18) B	Endrin aldehyde	4.489	4.389	4.437	4.683	5.457	4.691 E6	9.44
19) B	Endosulfan Sulfate	5.741	5.540	5.612	5.989	7.137	6.004 E6	10.93
20) A	Methoxychlor	3.073	2.930	2.984	3.237	3.881	3.221 E6	12.02
21) B	Endrin ketone	6.845	6.563	6.661	7.202	8.890	7.232 E6	13.25
22)	Mirex	4.636	4.381	4.492	4.965	6.017	4.898 E6	13.54

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	Compound	50	100	75	25	5	Avg	%RSD
23)	Chlordane-1	2.617	2.537	2.490	2.579	2.348	2.514 E5	4.15
24)	Chlordane-2	2.655	2.462	2.460	2.719	3.041	2.668 E5	8.94
25)	Chlordane-3	0.931	0.899	0.881	0.935	1.130	0.955 E6	10.51
26)	Chlordane-4	1.083	1.036	1.020	1.099	1.321	1.112 E6	10.91
27)	Chlordane-5	2.154	2.046	2.014	2.131	2.495	2.168 E5	8.83
28) SA	Decachlorobiphenyl	4.719	4.437	4.545	5.066	6.370	5.027 E6	15.67

(#) = Out of Range