

Method Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\
 Method File : PD082021.M
 Title : GC Extractables
 Last Update : Fri Aug 20 02:25:41 2021
 Response Via : Initial Calibration

Calibration Files

50 =PD065062.D 100 =PD065060.D 75 =PD065061.D
 25 =PD065063.D 5 =PD065064.D

	Compound	50	100	75	25	5	Avg	%RSD
1) SA	Tetrachloro-m-xylene	0.988	0.963	0.971	1.016	1.202	1.028 E6	9.66
2) MA	alpha-BHC	1.401	1.413	1.418	1.375	1.548	1.431 E6	4.73
3) MA	gamma-BHC (Lindane)	1.308	1.292	1.309	1.322	1.628	1.372 E6	10.46
4) MA	Heptachlor	1.243	1.204	1.237	1.271	1.558	1.302 E6	11.12
5) MB	Aldrin	1.158	1.138	1.165	1.171	1.363	1.199 E6	7.70
6) B	beta-BHC	0.661	0.576	0.613	0.770	1.580	0.840 E6	50.03
7) B	delta-BHC	1.294	1.289	1.312	1.276	1.439	1.322 E6	5.02
8) B	Heptachlor epoxide	1.084	1.050	1.079	1.119	1.349	1.136 E6	10.69
9) A	Endosulfan I	1.019	0.983	1.013	1.051	1.267	1.067 E6	10.72
10) B	gamma-Chlordane	1.079	1.047	1.077	1.109	1.341	1.131 E6	10.56
11) B	alpha-Chlordane	1.067	1.029	1.062	1.099	1.341	1.120 E6	11.26
12) B	4,4'-DDE	1.020	1.006	1.034	1.028	1.181	1.054 E6	6.79
13) MA	Dieldrin	1.078	1.059	1.088	1.095	1.291	1.122 E6	8.50
14) MA	Endrin	1.008	0.972	1.008	1.028	1.231	1.049 E6	9.86
15) B	Endosulfan II	0.955	0.918	0.952	0.986	1.189	1.000 E6	10.85
16) A	4,4'-DDD	0.912	0.893	0.923	0.924	1.076	0.946 E6	7.82
17) MA	4,4'-DDT	0.962	0.944	0.975	0.971	1.121	0.994 E6	7.21
18) B	Endrin aldehyde	0.774	0.733	0.767	0.818	1.045	0.827 E6	15.14
19) B	Endosulfan Sulfate	1.009	0.961	1.003	1.058	1.278	1.062 E6	11.84
20) A	Methoxychlor	5.795	5.437	5.731	6.013	6.495	5.894 E5	6.68
21) B	Endrin ketone	1.218	1.176	1.220	1.254	1.507	1.275 E6	10.41
22)	Mirex	0.941	0.865	0.917	1.017	1.358	1.020 E6	19.32
23)	Chlordane-1	3.636	3.379	3.434	3.837	4.650	3.787 E4	13.59
24)	Chlordane-2	4.219	3.838	3.933	4.702	5.130	4.364 E4	12.47
25)	Chlordane-3	1.053	1.017	1.003	1.119	1.327	1.104 E5	11.99
26)	Chlordane-4	0.879	0.836	0.833	0.943	1.099	0.918 E5	12.02
27)	Chlordane-5	4.308	4.124	4.141	4.604	5.317	4.499 E4	11.04
28) SA	Decachlorobiphenyl	1.068	1.005	1.051	1.124	1.417	1.133 E6	14.51

Signal #2 Calibration Files

50 =PD065062.D 100 =PD065060.D 75 =PD065061.D
 25 =PD065063.D 5 =PD065064.D

	Compound	50	100	75	25	5	Avg	%RSD
1) SA	Tetrachloro-m-xylene	7.720	7.444	7.510	7.953	8.977	7.921 E6	7.87
2) A	alpha-BHC	1.131	1.113	1.115	1.142	1.308	1.162 E7	7.10
3) MA	gamma-BHC (Lindane)	1.031	1.006	1.013	1.050	1.197	1.059 E7	7.43
4) MA	Heptachlor	0.965	0.931	0.943	1.001	1.173	1.003 E7	9.85
5) MB	Aldrin	0.870	0.839	0.853	0.899	1.056	0.903 E7	9.75
6) B	beta-BHC	4.594	4.290	4.418	4.908	6.609	4.964 E6	19.11
7) B	delta-BHC	0.953	0.955	0.952	0.960	1.036	0.971 E7	3.74
8) B	Heptachlor epoxide	7.288	7.096	7.224	7.616	8.078	7.460 E6	5.30
9) A	Endosulfan I	6.801	6.496	6.627	7.076	8.213	7.043 E6	9.79
10) B	gamma-Chlordane	7.368	7.078	7.217	7.640	8.927	7.646 E6	9.76
11) B	alpha-Chlordane	7.174	6.851	7.013	7.467	8.717	7.445 E6	10.03
12) B	4,4'-DDE	6.991	6.777	6.894	7.139	8.103	7.181 E6	7.41
13) MA	Dieldrin	7.084	6.833	6.945	7.246	8.174	7.256 E6	7.38
14) MA	Endrin	5.876	5.699	5.677	6.025	7.497	6.155 E6	12.40
15) B	Endosulfan II	5.690	5.466	5.588	5.882	6.694	5.864 E6	8.33
16) A	4,4'-DDD	5.757	5.555	5.672	5.898	6.519	5.880 E6	6.43
17) MA	4,4'-DDT	5.962	5.784	5.875	6.015	6.348	5.997 E6	3.58
18) B	Endrin aldehyde	4.560	4.320	4.422	4.717	5.303	4.664 E6	8.29
19) B	Endosulfan Sulfate	5.600	5.375	5.489	5.767	6.442	5.735 E6	7.34
20) A	Methoxychlor	2.980	2.824	2.884	3.082	3.359	3.026 E6	6.95
21) B	Endrin ketone	6.291	6.029	6.146	6.468	7.559	6.499 E6	9.47
22)	Mirex	4.353	4.106	4.217	4.522	5.063	4.452 E6	8.43

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	Compound	50	100	75	25	5	Avg		%RSD
23)	Chlordane-1	3.135	2.910	3.040	3.036	3.365	3.097	E5	5.48
24)	Chlordane-2	2.948	2.684	2.816	3.086	4.107	3.128	E5	18.14
25)	Chlordane-3	0.986	0.939	0.957	1.038	1.251	1.034	E6	12.29
26)	Chlordane-4	1.143	1.084	1.106	1.214	1.465	1.202	E6	12.87
27)	Chlordane-5	2.328	2.222	2.261	2.392	2.653	2.371	E5	7.19
28) SA	Decachlorobiphenyl	4.617	4.393	4.460	4.785	5.407	4.733	E6	8.59

(#) = Out of Range