Response Factor Report ECD_L_NEW

Method Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\
Method File : PL051923.M
Title : GC Extractables
Last Update : Sat May 20 04:58:53 2023
Response Via : Initial Calibration

Calibration Files
50 =PL082809.D 100 =PL082807.D 75 =PL082808.D
25 =PL082810.D 5 =PL082811.D

	Compound	50	100	75	25	5	Avg		%RSD
1) SA	Tetrachloro-m-xylene	3.018	2.927	2.858	3.060	2.832	2.939	E6	3.36
2) A	alpha-BHC	4.718	4.674	4.504	4.450	3.850	4.439	E6	7.84
3) MA	gamma-BHC (Lindane)	4.306	4.282	4.179	4.177	3.770	4.143	E6	5.23
4) MA	Heptachlor	3.934	3.884	3.744	3.943	3.607	3.822	E6	3.78
5) MB	Aldrin	3.692	3.662	3.492	3.580	3.166	3.518	E6	6.02
6) B	beta-BHC	1.857	1.759	1.703	1.961	2.134	1.883	E6	9.11
7) B	delta-BHC	3.553	3.595	3.443	3.404	3.200	3.439	E6	4.50
8) B	Heptachlor epoxide	3.197	3.088	3.038	3.259	3.412	3.199	E6	4.62
9) A	Endosulfan I	3.014	2.951	2.853	3.095	3.091	3.001	E6	3.39
10) B	gamma-Chlordane	3.232	3.179	3.068	3.289	3.117	3.177	E6	2.78
11) B	alpha-Chlordane	3.216	3.129	3.045	3.310	3.347	3.209	E6	3.90
12) B	4,4'-DDE	2.832	2.810	2.782	2.786	2.572	2.757	E6	3.80
13) MA	Dieldrin	3.078	3.054	2.965	3.079	2.862	3.008	E6	3.13
14) MA	Endrin	2.735	2.721	2.646	2.745	2.588	2.687	E6	2.51
15) B	Endosulfan II	2.712	2.538	2.523	2.927	4.280	2.996	E6	24.58
16) A	4,4'-DDD	2.241	2.236	2.178	2.249	1.962	2.173	E6	5.58
17) MA	4,4'-DDT	2.558	2.483	2.435	2.530	2.510	2.503	E6	1.88
18) B	Endrin aldehyde	2.035	1.961	1.936	2.075	2.046	2.011	E6	2.96
19) B	Endosulfan Sulfate	2.581	2.476	2.449	2.684	2.629	2.564	E6	3.89
20) A	Methoxychlor	1.334	1.266	1.258	1.405	1.349	1.322	E6	4.63
21) B	Endrin ketone	2.609	2.563	2.502	2.642	2.437	2.551	E6	3.23
22)	Mirex	2.077	1.918	1.929	2.243	2.313	2.096	E6	8.57
23)	Chlordane-1	1.075	1.110	1.047	1.181	1.057	1.094	E5	4.96
24)	Chlordane-2	1.104	1.112	1.078	1.185	1.029	1.102	E5	5.17
25)	Chlordane-3	4.112	4.427	4.152	4.191	3.863	4.149	E5	4.86
26)	Chlordane-4	5.018	5.323	5.035	5.174	4.767	5.064	E5	4.08
27)	Chlordane-5	8.301	8.653	8.169	8.775	7.135	8.207	E4	7.90
28) SA	Decachlorobiphenyl	2.063	1.896	1.936	2.148	2.443	2.097	E6	10.39

Signal #2 Calibration Files
50 =PL082809.D 100 =PL082807.D 75 =PL082808.D
25 =PL082810.D 5 =PL082811.D

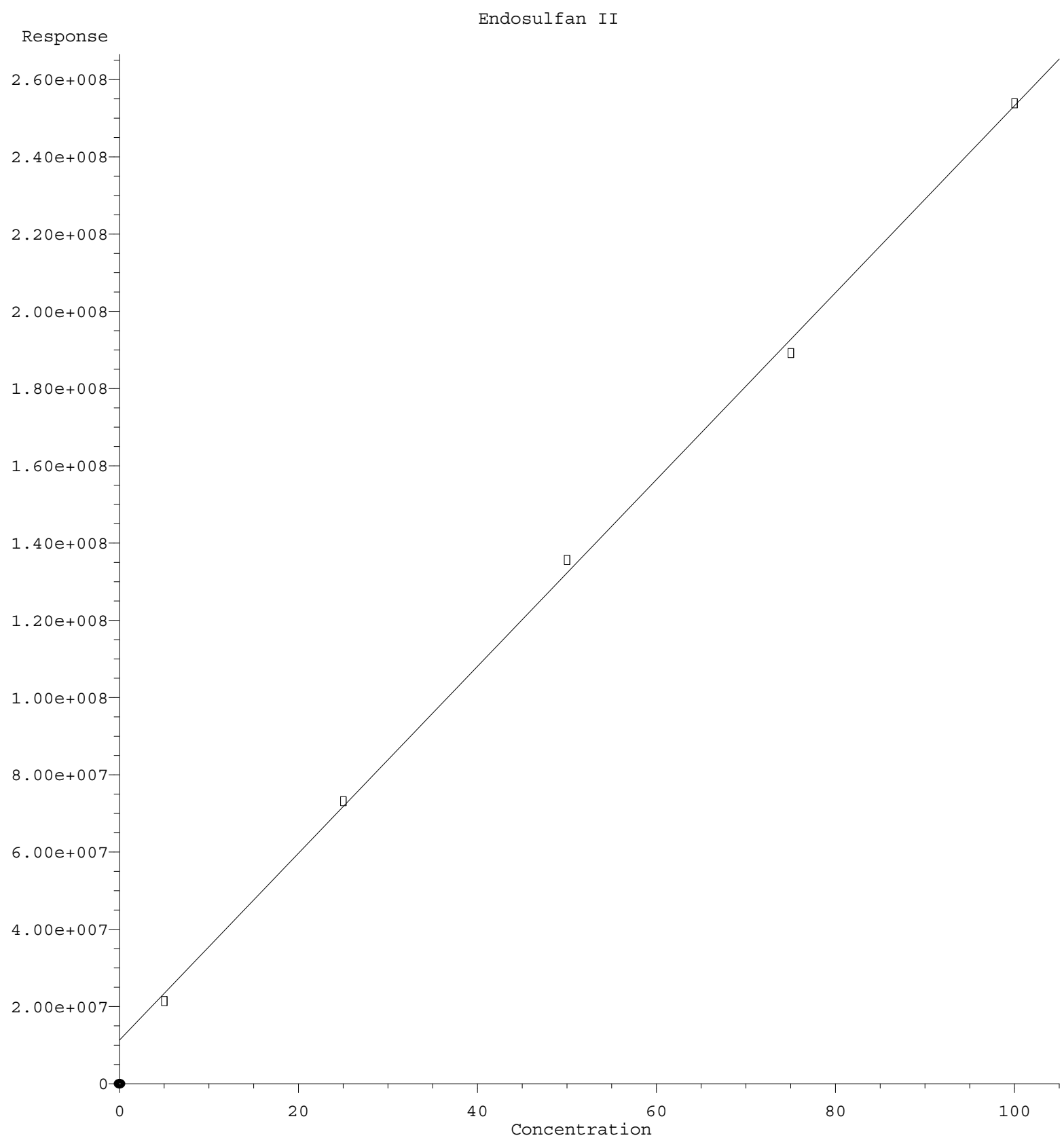
	Compound	50	100	75	25	5	Avg		%RSD
1) SA	Tetrachloro-m-xylene	2.701	2.573	2.531	2.666	2.509	2.596	E6	3.23
2) A	alpha-BHC	3.963	3.972	3.821	3.718	3.183	3.731	E6	8.69
3) MA	gamma-BHC (Lindane)	3.476	3.457	3.342	3.319	3.072	3.333	E6	4.85
4) MA	Heptachlor	3.812	3.736	3.641	3.717	3.400	3.661	E6	4.32
5) MB	Aldrin	3.399	3.382	3.267	3.260	2.960	3.254	E6	5.42
6) B	beta-BHC	1.472	1.377	1.368	1.491	1.443	1.430	E6	3.86
7) B	delta-BHC	3.475	3.482	3.358	3.259	2.808	3.276	E6	8.47
8) B	Heptachlor epoxide	3.062	2.962	2.910	3.032	2.874	2.968	E6	2.67
9) A	Endosulfan I	2.881	2.808	2.747	2.854	2.681	2.794	E6	2.90
10) B	gamma-Chlordane	3.086	3.030	2.955	3.039	2.907	3.003	E6	2.38
11) B	alpha-Chlordane	3.090	3.002	2.944	3.062	2.913	3.002	E6	2.51
12) B	4,4'-DDE	2.541	2.566	2.477	2.415	2.146	2.429	E6	6.95
13) MA	Dieldrin	2.935	2.922	2.838	2.834	2.586	2.823	E6	4.97
14) MA	Endrin	2.621	2.590	2.523	2.562	2.389	2.537	E6	3.56
15) B	Endosulfan II	2.473	2.385	2.347	2.497	2.668	2.474	E6	5.04
16) A	4,4'-DDD	2.013	2.030	1.968	1.919	1.687	1.923	E6	7.22
17) MA	4,4'-DDT	2.325	2.335	2.267	2.233	1.995	2.231	E6	6.20
18) B	Endrin aldehyde	1.990	1.893	1.877	2.019	2.108	1.977	E6	4.81
19) B	Endosulfan Sulfate	2.498	2.394	2.370	2.505	2.478	2.449	E6	2.56
20) A	Methoxychlor	1.297	1.222	1.227	1.326	1.287	1.272	E6	3.59
21) B	Endrin ketone	2.772	2.689	2.651	2.754	2.652	2.704	E6	2.10
22)	Mirex	2.363	2.184	2.198	2.481	2.473	2.340	E6	6.14

Method Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\
Method File : PL051923.M
Title : GC Extractables
Last Update : Sat May 20 04:58:53 2023
Response Via : Initial Calibration

Calibration Files
50 =PL082809.D 100 =PL082807.D 75 =PL082808.D
25 =PL082810.D 5 =PL082811.D

	Compound	50	100	75	25	5	Avg		%RSD
23)	Chlordane-1	8.144	8.711	8.125	8.431	7.846	8.251	E4	4.00
24)	Chlordane-2	8.849	9.029	8.634	9.324	8.678	8.903	E4	3.17
25)	Chlordane-3	2.671	2.937	2.728	2.639	2.349	2.665	E5	7.93
26)	Chlordane-4	2.810	3.064	2.838	2.837	2.538	2.818	E5	6.62
27)	Chlordane-5	0.943	1.006	0.931	0.978	1.000	0.971	E5	3.48
28) SA	Decachlorobiphenyl	2.446	2.245	2.278	2.593	2.871	2.487	E6	10.30

(#) = Out of Range



Response = 2.419e+006 * Amt + 1.128e+007
Coef of Det (r^2) = 0.999113 Curve Fit: Linear
Method Name: Z:\pestpcbsrv\HPCHEM1\ECD L\methods\PL051923.M
Calibration Table Last Updated: Sat May 20 04:15:36 2023