

Method Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\
 Method File : PD071922.M
 Title : GC Extractables
 Last Update : Wed Jul 20 05:30:10 2022
 Response Via : Initial Calibration

Calibration Files

50 =PD070986.D 100 =PD070984.D 75 =PD070985.D
 25 =PD070987.D 5 =PD070988.D

	Compound	50	100	75	25	5	Avg	%RSD
1) SA	Tetrachloro-m-xylene	2.898	2.881	2.842	2.762	3.106	2.898 E6	4.41
2) MA	alpha-BHC	4.461	4.540	4.432	4.111	4.393	4.387 E6	3.74
3) MA	gamma-BHC (Lindane)	4.190	4.196	4.141	3.995	5.188	4.342 E6	11.05
4) MA	Heptachlor	4.243	4.246	4.183	3.924	4.221	4.164 E6	3.27
5) MB	Aldrin	4.259	4.268	4.200	3.947	4.222	4.179 E6	3.18
6) B	beta-BHC	1.659	1.610	1.604	1.609	1.875	1.671 E6	6.94
7) B	delta-BHC	4.050	4.107	4.020	3.705	3.908	3.958 E6	4.01
8) B	Heptachlor epoxide	3.777	3.723	3.688	3.562	3.979	3.746 E6	4.06
9) A	Endosulfan I	3.515	3.488	3.445	3.322	3.689	3.492 E6	3.80
10) B	gamma-Chlordane	3.907	3.936	3.857	3.656	4.085	3.888 E6	3.99
11) B	alpha-Chlordane	3.835	3.831	3.773	3.617	4.061	3.823 E6	4.18
12) B	4,4'-DDE	3.588	3.634	3.556	3.298	3.533	3.522 E6	3.71
13) MA	Dieldrin	3.818	3.829	3.763	3.539	3.835	3.756 E6	3.33
14) MA	Endrin	3.159	3.164	3.101	2.918	3.271	3.123 E6	4.16
15) B	Endosulfan II	3.000	2.973	2.927	2.849	3.291	3.008 E6	5.59
16) A	4,4'-DDD	2.971	2.987	2.926	2.768	3.023	2.935 E6	3.39
17) MA	4,4'-DDT	3.117	3.156	3.081	2.882	3.070	3.061 E6	3.45
18) B	Endrin aldehyde	2.361	2.301	2.287	2.293	2.752	2.399 E6	8.32
19) B	Endosulfan Sulfate	2.959	2.908	2.885	2.845	3.298	2.979 E6	6.14
20) A	Methoxychlor	1.625	1.561	1.560	1.601	1.919	1.653 E6	9.15
21) B	Endrin ketone	3.462	3.401	3.365	3.329	3.762	3.464 E6	5.01
22)	Mirex	2.673	2.567	2.556	2.670	3.396	2.772 E6	12.72
23)	Chlordane-1	1.080	1.071	1.035	1.095	1.112	1.079 E5	2.68
24)	Chlordane-2	1.235	1.148	1.137	1.311	1.333	1.233 E5	7.31
25)	Chlordane-3	3.690	3.727	3.636	3.475	3.279	3.562 E5	5.19
26)	Chlordane-4	3.019	3.054	2.958	2.901	2.815	2.949 E5	3.24
27)	Chlordane-5	1.244	1.245	1.205	1.212	1.217	1.224 E5	1.52
28) SA	Decachlorobiphenyl	2.963	2.868	2.853	2.958	3.634	3.055 E6	10.72

Signal #2 Calibration Files

50 =PD070986.D 100 =PD070984.D 75 =PD070985.D
 25 =PD070987.D 5 =PD070988.D

	Compound	50	100	75	25	5	Avg	%RSD
1) SA	Tetrachloro-m-xylene	2.795	2.679	2.666	2.843	3.473	2.891 E7	11.55
2) A	alpha-BHC	3.627	3.477	3.448	3.663	4.737	3.790 E7	14.17
3) MA	gamma-BHC (Lindane)	2.872	2.735	2.731	2.911	3.684	2.987 E7	13.33
4) MA	Heptachlor	2.105	1.939	1.962	2.172	2.867	2.209 E7	17.22
5) MB	Aldrin	1.762	1.642	1.661	1.818	2.374	1.851 E7	16.27
6) B	beta-BHC	1.191	1.074	1.098	1.283	2.062	1.341 E7	30.67
7) B	delta-BHC	2.245	2.116	2.124	2.297	3.040	2.364 E7	16.31
8) B	Heptachlor epoxide	1.433	1.334	1.355	1.485	1.953	1.512 E7	16.80
9) A	Endosulfan I	1.397	1.303	1.318	1.431	1.810	1.452 E7	14.27
10) B	gamma-Chlordane	1.508	1.423	1.430	1.550	1.976	1.577 E7	14.53
11) B	alpha-Chlordane	1.467	1.380	1.387	1.511	1.949	1.539 E7	15.32
12) B	4,4'-DDE	1.459	1.381	1.384	1.463	1.819	1.501 E7	12.12
13) MA	Dieldrin	1.483	1.402	1.410	1.498	1.848	1.528 E7	12.03
14) MA	Endrin	1.069	1.020	1.025	1.023	1.049	1.037 E7	2.04
15) B	Endosulfan II	1.205	1.128	1.140	1.221	1.566	1.252 E7	14.40
16) A	4,4'-DDD	1.228	1.163	1.167	1.226	1.435	1.244 E7	8.95
17) MA	4,4'-DDT	1.311	1.245	1.250	1.314	1.576	1.339 E7	10.19
18) B	Endrin aldehyde	0.978	0.907	0.923	1.001	1.233	1.008 E7	13.02
19) B	Endosulfan Sulfate	1.173	1.105	1.114	1.185	1.464	1.208 E7	12.18
20) A	Methoxychlor	6.696	6.165	6.244	6.842	8.411	6.871 E6	13.21
21) B	Endrin ketone	1.326	1.242	1.255	1.359	1.738	1.384 E7	14.74
22)	Mirex	0.892	0.824	0.833	0.913	1.132	0.919 E7	13.62

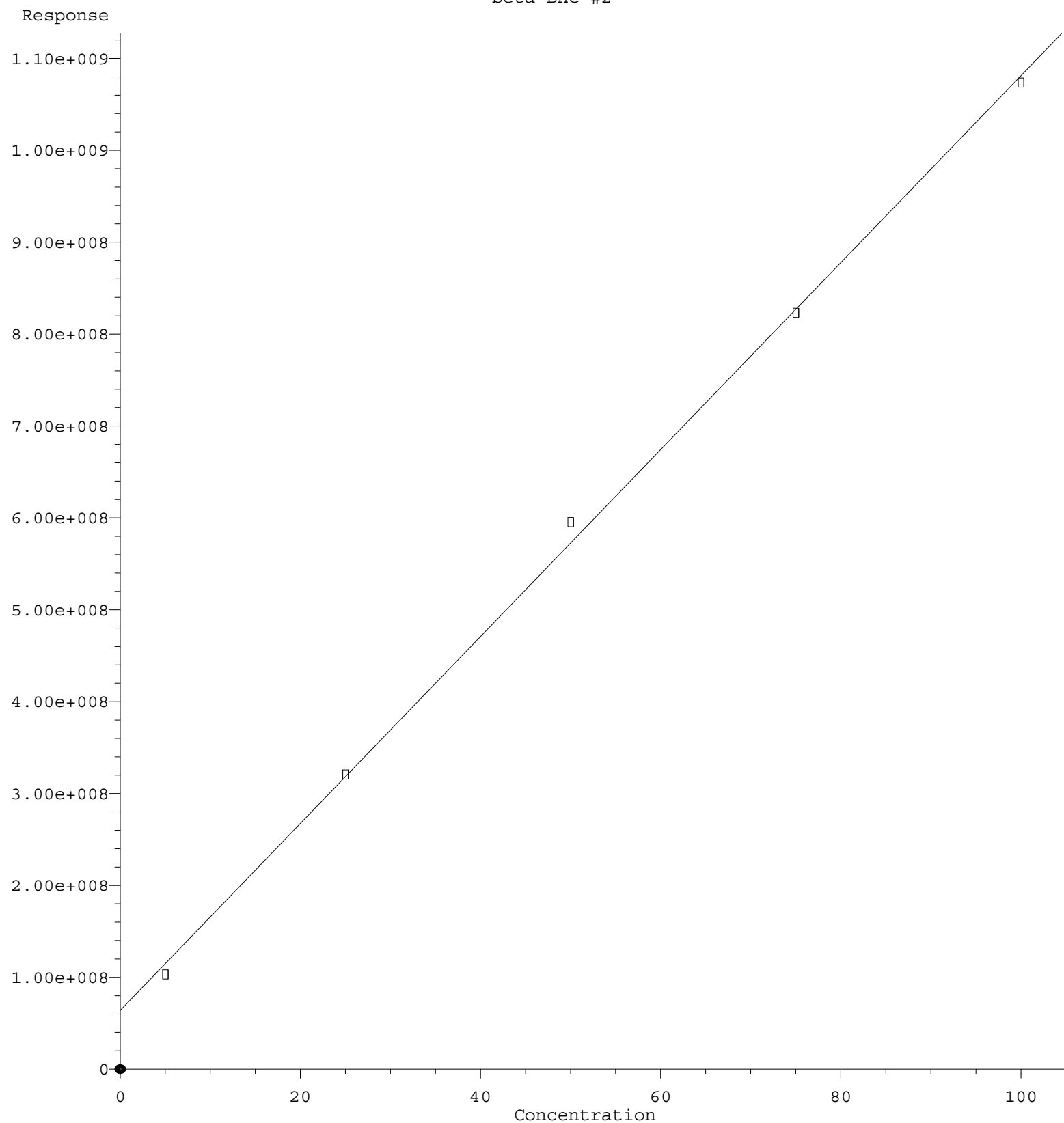
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	Compound	50	100	75	25	5	Avg	%RSD
23)	Chlordane-1	8.316	7.389	7.448	9.070	8.587	8.162 E5	8.95
24)	Chlordane-2	5.864	5.305	5.331	6.309	7.010	5.964 E5	12.03
25)	Chlordane-3	1.957	1.866	1.847	2.016	2.188	1.975 E6	6.96
26)	Chlordane-4	2.263	2.149	2.132	2.343	2.581	2.294 E6	7.94
27)	Chlordane-5	4.867	4.567	4.566	5.007	5.424	4.886 E5	7.30
28) SA	Decachlorobiphenyl	1.108	1.025	1.039	1.130	1.400	1.140 E7	13.30

(#) = Out of Range



Response = 1.017e+007 * Amt + 6.440e+007
Coef of Det (r^2) = 0.998785 Curve Fit: Linear
Method Name: Z:\pestpcbsrv\HPCHEM1\ECD D\Method\PD071922.M
Calibration Table Last Updated: Wed Jul 20 05:00:02 2022