Response Factor Report ECD_L

Method Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\
Method File : PL092618.M
Title : GC Extractables
Last Update : Thu Sep 27 01:27:39 2018
Response Via : Initial Calibration

Calibration Files
50 =PL040379.D 100 =PL040377.D 75 =PL040378.D
25 =PL040380.D 5 =PL040381.D

	Compound	50	100	75	25	5	Avg		%RSD
1) SA	Tetrachloro-m-xylene	7.491	7.284	7.203	7.205	7.417	7.320	E6	1.77
2) A	alpha-BHC	1.205	1.187	1.167	1.138	1.154	1.170	E7	2.29
3) MA	gamma-BHC (Lindane)	1.124	1.107	1.090	1.063	1.053	1.087	E7	2.73
4) MA	Heptachlor	1.189	1.154	1.150	1.149	1.241	1.177	E7	3.34
5) MB	Aldrin	1.089	1.071	1.058	1.035	1.031	1.057	E7	2.30
6) B	beta-BHC	4.282	4.175	4.127	4.196	4.325	4.221	E6	1.92
7) B	delta-BHC	1.157	1.145	1.128	1.093	1.057	1.116	E7	3.65
8) B	Heptachlor epoxide	1.050	1.016	1.006	1.023	1.080	1.035	E7	2.89
9) A	Endosulfan I	1.022	0.994	0.993	1.002	1.029	1.008	E7	1.66
10) B	gamma-Chlordane	1.103	1.077	1.076	1.074	1.100	1.086	E7	1.30
11) B	alpha-Chlordane	1.062	1.034	1.031	1.039	1.072	1.048	E7	1.75
12) B	4,4'-DDE	1.114	1.084	1.100	1.117	1.112	1.105	E7	1.23
13) MA	Dieldrin	1.109	1.085	1.084	1.082	1.117	1.095	E7	1.51
14) MA	Endrin	0.988	0.987	0.980	1.009	1.003	0.993	E7	1.21
15) B	Endosulfan II	1.002	0.982	0.982	0.977	1.038	0.996	E7	2.55
16) A	4,4'-DDD	9.227	9.081	9.031	9.033	9.786	9.232	E6	3.47
17) MA	4,4'-DDT	8.631	8.778	8.376	8.133	6.515	8.087	E6	11.28
18) B	Endrin aldehyde	8.447	8.107	8.206	8.348	8.875	8.397	E6	3.54
19) B	Endosulfan Sulfate	0.950	0.925	0.933	0.947	1.031	0.957	E7	4.46
20) A	Methoxychlor	4.773	4.768	4.749	4.695	5.166	4.830	E6	3.93
21) B	Endrin ketone	1.088	1.060	1.093	1.109	1.075	1.085	E7	1.70
22)	Mirex						0.000		-1.00
23)	Chlordane-1	3.404	3.342	3.544	3.468	3.868	3.525	E5	5.83
24)	Chlordane-2	3.534	3.239	3.459	3.803	4.721	3.751	E5	15.42
25)	Chlordane-3	1.304	1.269	1.312	1.238	1.300	1.285	E6	2.40
26)	Chlordane-4	1.196	1.160	1.199	1.156	1.214	1.185	E6	2.13
27)	Chlordane-5	3.966	3.826	3.988	3.941	4.462	4.037	E5	6.09
28) SA	Decachlorobiphenyl	0.925	0.901	0.910	0.949	1.068	0.951	E7	7.15

Signal #2 Calibration Files
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25 =PL040380.D 5 =PL040381.D

	Compound	50	100	75	25	5	Avg		%RSD
1) SA	Tetrachloro-m-xylene	3.244	3.169	3.139	3.120	3.118	3.158	E6	1.66
2) A	alpha-BHC	4.926	4.943	4.854	4.585	4.397	4.741	E6	5.07
3) MA	gamma-BHC (Lindane)	4.614	4.583	4.529	4.384	4.581	4.538	E6	2.01
4) MA	Heptachlor	4.439	4.433	4.385	4.123	3.859	4.248	E6	5.96
5) MB	Aldrin	4.292	4.278	4.237	4.085	4.209	4.220	E6	1.96
6) B	beta-BHC	2.007	1.944	1.943	1.968	2.129	1.998	E6	3.88
7) B	delta-BHC	4.599	4.528	4.501	4.450	5.000	4.616	E6	4.80
8) B	Heptachlor epoxide	3.801	3.816	3.757	3.499	4.321	3.839	E6	7.78
9) A	Endosulfan I	3.694	3.721	3.647	3.597	3.944	3.721	E6	3.59
10) B	gamma-Chlordane	4.008	4.057	3.955	3.865	3.875	3.952	E6	2.10
11) B	alpha-Chlordane	3.924	3.963	3.870	3.811	4.054	3.924	E6	2.36
12) B	4,4'-DDE	3.997	4.067	3.964	3.862	4.242	4.026	E6	3.51
13) MA	Dieldrin	3.820	4.002	3.800	3.652	3.827	3.820	E6	3.26
14) MA	Endrin	3.201	3.421	3.223	3.132	3.356	3.267	E6	3.62
15) B	Endosulfan II	3.426	3.438	3.391	3.348	3.875	3.496	E6	6.15
16) A	4,4'-DDD	3.129	3.195	3.178	2.937	3.445	3.177	E6	5.71
17) MA	4,4'-DDT	2.971	3.209	2.957	2.973	3.126	3.047	E6	3.74
18) B	Endrin aldehyde	2.958	2.980	2.890	2.987	3.151	2.993	E6	3.21
19) B	Endosulfan Sulfate	3.156	3.245	3.093	3.171	3.417	3.216	E6	3.86
20) A	Methoxychlor	1.566	1.616	1.498	1.564	1.376	1.524	E6	6.09
21) B	Endrin ketone	2.990	3.163	3.088	3.093	3.036	3.074	E6	2.12
22)	Mirex						0.000		-1.00

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	Compound	50	100	75	25	5	Avg		%RSD
23)	Chlordane-1	1.546	1.535	1.586	1.528	1.522	1.543	E5	1.64
24)	Chlordane-2	1.676	1.597	1.667	1.672	1.801	1.683	E5	4.37
25)	Chlordane-3	5.680	5.522	5.712	5.515	5.458	5.577	E5	2.00
26)	Chlordane-4	6.703	6.454	6.670	6.563	6.608	6.600	E5	1.49
27)	Chlordane-5	1.263	1.220	1.252	1.224	1.130	1.218	E5	4.29
28) SA	Decachlorobiphenyl	3.126	3.026	2.829	3.256	3.598	3.167	E6	9.06

(#) = Out of Range