Response Factor Report ECD_L_NEW

Method Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\
Method File : PL081225CLP.M
Title : GC Extractables
Last Update : Wed Aug 13 06:38:25 2025
Response Via : Initial Calibration

Calibration Files
3 =PL096758.D 1 =PL096754.D 2 =PL096756.D
4 =PL096760.D 5 =PL096762.D

	Compound	3	1	2	4	5	Avg		%RSD
1) SA	Tetrachloro-m-xylene	2.996	2.871	2.995	2.995	3.092	2.990	E6	2.63
2) A	alpha-BHC	4.580	4.237	4.392	4.796	5.200	4.641	E6	8.10
3) MA	gamma-BHC (Lindane)	4.337	4.074	4.276	4.481	4.777	4.389	E6	5.96
4) MA	Heptachlor	4.352	4.142	4.312	4.451	4.675	4.386	E6	4.48
5) MB	Aldrin	4.090	4.054	4.148	4.314	4.551	4.231	E6	4.83
6) B	beta-BHC	1.839	1.663	1.841	1.887	1.899	1.826	E6	5.19
7) B	delta-BHC	3.781	3.656	3.794	4.047	4.398	3.935	E6	7.51
8) B	Heptachlor epoxide	3.633	3.514	3.717	3.798	3.875	3.707	E6	3.80
9) A	Endosulfan I	3.374	3.457	3.419	3.404	3.565	3.444	E6	2.15
10) B	trans-Chlordane	3.586	3.363	3.644	3.806	3.906	3.661	E6	5.73
11) B	cis-Chlordane	3.578	3.435	3.636	3.836	3.931	3.683	E6	5.43
12) B	4,4'-DDE	2.977	2.996	2.958	3.220	3.394	3.109	E6	6.17
13) MA	Dieldrin	3.602	3.323	3.562	3.752	4.020	3.652	E6	7.04
14) MA	Endrin	2.828	2.802	2.802	2.944	3.122	2.900	E6	4.73
15) B	Endosulfan II	2.791	2.805	2.869	2.915	2.930	2.862	E6	2.20
16) A	4,4'-DDD	2.448	2.332	2.440	2.528	2.701	2.490	E6	5.51
17) MA	4,4'-DDT	2.350	2.101	2.289	2.474	2.655	2.374	E6	8.72
18) B	Endrin aldehyde	2.111	2.064	2.155	2.188	2.219	2.147	E6	2.86
19) B	Endosulfan Sulfate	2.622	2.583	2.668	2.736	2.813	2.684	E6	3.41
20) A	Methoxychlor	1.297	1.247	1.309	1.312	1.346	1.302	E6	2.77
21) B	Endrin ketone	2.823	3.113	2.973	2.898	2.935	2.948	E6	3.64
22)	Toxaphene-1	0.900	1.035	1.081	1.048	1.037	1.020	E4	6.83
23)	Toxaphene-2	3.642	3.826	3.744	3.657	3.634	3.700	E4	2.25
24)	Toxaphene-3	8.453	7.383	8.278	8.820	9.255	8.438	E4	8.28
25)	Toxaphene-4	6.372	6.135	6.421	6.583	6.814	6.465	E4	3.91
26)	Toxaphene-5	8.009	7.540	7.865	8.175	8.634	8.045	E4	5.02
27) SA	Decachlorobiphenyl	2.238	2.209	2.324	2.192	2.200	2.233	E6	2.42

Signal #2 Calibration Files
3 =PL096758.D 1 =PL096754.D 2 =PL096756.D
4 =PL096760.D 5 =PL096762.D

	Compound	3	1	2	4	5	Avg		%RSD
1) SA	Tetrachloro-m-xylene	4.575	4.363	4.531	4.571	4.738	4.556	E6	2.94
2) A	alpha-BHC	6.850	6.124	6.671	7.214	7.753	6.922	E6	8.79
3) MA	gamma-BHC (Lindane)	6.403	5.803	6.189	6.656	7.091	6.429	E6	7.54
4) MA	Heptachlor	6.421	6.019	6.336	6.545	6.876	6.440	E6	4.84
5) MB	Aldrin	5.829	5.488	5.750	6.181	6.459	5.941	E6	6.41
6) B	beta-BHC	2.853	2.775	2.961	2.900	2.951	2.888	E6	2.65
7) B	delta-BHC	6.201	5.661	6.046	6.607	7.002	6.303	E6	8.20
8) B	Heptachlor epoxide	5.472	5.180	5.534	5.674	5.812	5.535	E6	4.29
9) A	Endosulfan I	5.116	5.179	5.127	5.202	5.397	5.204	E6	2.18
10) B	trans-Chlordane	5.508	5.197	5.463	5.819	6.060	5.609	E6	5.97
11) B	cis-Chlordane	5.405	5.060	5.371	5.683	5.864	5.477	E6	5.65
12) B	4,4'-DDE	5.332	5.067	5.216	5.725	5.937	5.455	E6	6.66
13) MA	Dieldrin	5.822	5.548	5.635	5.951	6.187	5.828	E6	4.37
14) MA	Endrin	5.026	4.726	4.966	5.152	5.350	5.044	E6	4.57
15) B	Endosulfan II	4.882	4.576	4.879	5.088	5.140	4.913	E6	4.53
16) A	4,4'-DDD	4.616	4.137	4.436	4.764	5.007	4.592	E6	7.18
17) MA	4,4'-DDT	4.559	4.321	4.451	4.747	5.022	4.620	E6	5.92
18) B	Endrin aldehyde	4.003	4.559	4.300	3.983	3.910	4.151	E6	6.56
19) B	Endosulfan Sulfate	4.881	4.948	4.993	4.977	4.945	4.949	E6	0.87
20) A	Methoxychlor	2.488	2.592	2.577	2.373	2.272	2.461	E6	5.57
21) B	Endrin ketone	5.283	4.894	5.243	5.475	5.467	5.272	E6	4.48
22)	Toxaphene-1	3.072	2.950	3.185	3.225	3.258	3.138	E4	4.02
23)	Toxaphene-2	3.158	2.915	3.245	3.216	3.187	3.144	E4	4.21

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	Compound	3	1	2	4	5	Avg		%RSD
24)	Toxaphene-3	1.247	1.285	1.268	1.251	1.280	1.266	E5	1.34
25)	Toxaphene-4	7.073	6.747	7.128	7.290	7.452	7.138	E4	3.70
26)	Toxaphene-5	5.788	4.813	5.628	6.195	6.459	5.777	E4	10.92
27) SA	Decachlorobiphenyl	4.461	4.463	4.596	4.330	4.333	4.437	E6	2.48

(#) = Out of Range