Response Factor Report ECD_D

Method Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\
Method File : PD073120CLP.M
Title : GC Extractables
Last Update : Thu Jul 30 03:06:29 2020
Response Via : Initial Calibration

Calibration Files
3 =PD058800.D 1 =PD058796.D 2 =PD058798.D
4 =PD058802.D 5 =PD058804.D

	Compound	3	1	2	4	5	Avg		%RSD
1) SA	Tetrachloro-m-xylene	1.564	1.484	1.610	1.582	1.562	1.560	E6	3.00
2) A	alpha-BHC	2.391	2.094	2.335	2.490	2.532	2.368	E6	7.27
3) MA	gamma-BHC (Lindane)	2.296	2.178	2.401	2.335	2.325	2.307	E6	3.54
4) MA	Heptachlor	1.942	1.827	1.947	2.000	1.995	1.942	E6	3.60
5) MB	Aldrin	2.010	2.038	2.061	2.082	2.148	2.068	E6	2.52
6) B	beta-BHC	9.422	9.883	9.869	9.305	9.260	9.548	E5	3.20
7) B	delta-BHC	2.254	2.178	2.254	2.347	2.428	2.292	E6	4.22
8) B	Heptachlor epoxide	1.791	1.809	1.849	1.837	1.888	1.835	E6	2.04
9) A	Endosulfan I	1.718	1.660	1.754	1.749	1.735	1.723	E6	2.21
10) B	trans-Chlordane	1.841	1.861	1.882	1.897	1.951	1.887	E6	2.22
11) B	cis-Chlordane	1.836	1.876	1.899	1.874	1.916	1.880	E6	1.61
12) B	4,4'-DDE	1.856	1.731	1.838	1.929	1.989	1.869	E6	5.23
13) MA	Dieldrin	1.976	1.804	1.959	2.036	2.018	1.959	E6	4.68
14) MA	Endrin	1.431	1.429	1.469	1.462	1.382	1.434	E6	2.39
15) B	Endosulfan II	1.644	1.646	1.664	1.671	1.685	1.662	E6	1.03
16) A	4,4'-DDD	1.554	1.452	1.551	1.597	1.573	1.545	E6	3.59
17) MA	4,4'-DDT	1.437	1.211	1.394	1.517	1.530	1.418	E6	9.08
18) B	Endrin aldehyde	1.357	1.369	1.401	1.370	1.372	1.374	E6	1.20
19) B	Endosulfan Sulfate	1.627	1.630	1.661	1.644	1.655	1.643	E6	0.91
20) A	Methoxychlor	7.188	7.044	7.367	7.043	6.520	7.032	E5	4.49
21) B	Endrin ketone	1.791	1.811	1.851	1.794	1.817	1.813	E6	1.33
22)	Toxaphene-1	1.025	0.942	1.019	1.016	1.035	1.007	E4	3.69
23)	Toxaphene-2	1.130	1.057	1.106	1.140	1.135	1.114	E4	3.06
24)	Toxaphene-3	9.243	8.574	8.846	8.701	8.639	8.800	E3	3.03
25)	Toxaphene-4	3.002	2.742	2.898	3.060	3.086	2.958	E4	4.75
26)	Toxaphene-5	3.738	3.388	3.600	3.878	3.939	3.709	E4	5.98
27) SA	Decachlorobiphenyl	1.613	1.663	1.714	1.558	1.482	1.606	E6	5.61

Signal #2 Calibration Files
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	Compound	3	1	2	4	5	Avg		%RSD
1) SA	Tetrachloro-m-xylene	2.257	2.084	2.326	2.280	2.231	2.236	E6	4.10
2) A	alpha-BHC	3.384	3.075	3.346	3.479	3.477	3.352	E6	4.93
3) MA	gamma-BHC (Lindane)	3.031	2.709	3.035	3.128	3.120	3.005	E6	5.71
4) MA	Heptachlor	2.910	2.668	2.929	2.942	2.904	2.871	E6	3.98
5) MB	Aldrin	2.787	2.720	2.810	2.867	2.930	2.823	E6	2.83
6) B	beta-BHC	1.336	1.366	1.394	1.320	1.316	1.347	E6	2.45
7) B	delta-BHC	2.243	2.016	2.416	2.638	2.801	2.423	E6	12.85
8) B	Heptachlor epoxide	2.512	2.615	2.660	2.511	2.510	2.562	E6	2.78
9) A	Endosulfan I	2.382	2.292	2.429	2.369	2.326	2.360	E6	2.23
10) B	trans-Chlordane	2.526	2.560	2.615	2.581	2.632	2.583	E6	1.66
11) B	cis-Chlordane	2.532	2.585	2.634	2.560	2.594	2.581	E6	1.49
12) B	4,4'-DDE	2.472	2.364	2.476	2.560	2.609	2.496	E6	3.77
13) MA	Dieldrin	2.635	2.426	2.604	2.674	2.622	2.592	E6	3.73
14) MA	Endrin	1.895	1.747	1.980	1.922	1.852	1.879	E6	4.65
15) B	Endosulfan II	2.167	2.287	2.259	2.183	2.171	2.214	E6	2.51
16) A	4,4'-DDD	2.139	1.919	2.123	2.153	2.119	2.091	E6	4.65
17) MA	4,4'-DDT	2.032	1.845	1.991	2.073	2.048	1.998	E6	4.53
18) B	Endrin aldehyde	1.851	1.927	1.930	1.839	1.823	1.874	E6	2.71
19) B	Endosulfan Sulfate	2.183	2.230	2.255	2.186	2.171	2.205	E6	1.63
20) A	Methoxychlor	1.075	1.069	1.066	0.931	0.904	1.009	E6	8.31
21) B	Endrin ketone	2.256	2.216	2.304	2.119	2.169	2.213	E6	3.27
22)	Toxaphene-1	1.272	1.272	1.320	1.260	1.296	1.284	E4	1.87
23)	Toxaphene-2	1.625	1.468	1.696	1.642	1.657	1.618	E4	5.42

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	Compound	3	1	2	4	5	Avg		%RSD
24)	Toxaphene-3	2.104	1.745	2.041	1.884	1.923	1.939	E4	7.23
25)	Toxaphene-4	5.922	5.790	5.967	5.913	5.833	5.885	E4	1.22
26)	Toxaphene-5	2.644	2.566	2.230	2.591	2.476	2.501	E4	6.53
27) SA	Decachlorobiphenyl	2.063	2.303	2.215	1.935	1.781	2.059	E6	10.21

(#) = Out of Range