Response Factor Report ECD7

Method Path : Z:\pestpcbsrv\HPCHEM1\ECD D\Method\
Method File : PD072618.M
Title : GC Extractables
Last Update : Thu Jul 26 03:07:03 2018
Response Via : Initial Calibration

Calibration Files
50 =PD048507.D 100 =PD048505.D 75 =PD048506.D
25 =PD048508.D 5 =PD048509.D

		Compound	50	100	75	25	5	Avg		%RSD
1)	SA	Tetrachloro-m-xylene	1.241	1.239	1.244	1.214	1.234	1.234	E6	0.98
2)	MA	alpha-BHC	2.181	2.213	2.210	2.103	2.156	2.172	E6	2.09
3)	MA	gamma-BHC (Lindane)	2.043	2.026	2.036	2.064	2.823	2.199	E6	15.90
4)	MA	Heptachlor	1.960	1.962	1.974	1.910	1.960	1.953	E6	1.27
5)	MB	Aldrin	1.884	1.884	1.897	1.837	1.901	1.881	E6	1.36
6)	B	beta-BHC	8.148	7.986	8.096	8.090	8.683	8.201	E5	3.37
7)	B	delta-BHC	2.039	2.061	2.067	1.957	1.956	2.016	E6	2.75
8)	B	Heptachlor epoxide	1.753	1.733	1.751	1.724	1.807	1.754	E6	1.85
9)	A	Endosulfan I	1.616	1.595	1.616	1.593	1.665	1.617	E6	1.80
10)	B	gamma-Chlordane	1.784	1.780	1.793	1.745	1.818	1.784	E6	1.49
11)	B	alpha-Chlordane	1.728	1.712	1.731	1.693	1.775	1.728	E6	1.75
12)	B	4,4'-DDE	1.771	1.765	1.778	1.730	1.804	1.770	E6	1.49
13)	MA	Dieldrin	1.861	1.848	1.869	1.820	1.902	1.860	E6	1.60
14)	MA	Endrin	1.736	1.730	1.735	1.691	1.752	1.729	E6	1.33
15)	B	Endosulfan II	1.607	1.581	1.604	1.565	1.612	1.594	E6	1.25
16)	A	4,4'-DDD	1.515	1.508	1.520	1.483	1.581	1.521	E6	2.37
17)	MA	4,4'-DDT	1.587	1.573	1.588	1.540	1.651	1.588	E6	2.55
18)	B	Endrin aldehyde	1.319	1.292	1.313	1.310	1.406	1.328	E6	3.37
19)	B	Endosulfan Sulfate	1.464	1.433	1.456	1.439	1.520	1.462	E6	2.34
20)	A	Methoxychlor	8.299	7.975	8.163	8.258	8.444	8.228	E5	2.11
21)	B	Endrin ketone	1.805	1.772	1.797	1.774	1.800	1.790	E6	0.88
22)		Mirex						0.000		-1.00
23)		Chlordane-1	5.919	5.937	5.822	5.808	6.391	5.975	E4	4.00
24)		Chlordane-2	5.917	5.901	5.871	6.018	6.565	6.054	E4	4.80
25)		Chlordane-3	2.068	1.837	1.784	1.887	1.864	1.888	E5	5.71
26)		Chlordane-4	1.714	1.738	1.691	1.695	1.766	1.721	E5	1.81
27)		Chlordane-5	6.255	6.369	6.257	5.984	5.979	6.169	E4	2.87
28)	SA	Decachlorobiphenyl	1.417	1.365	1.392	1.402	1.477	1.411	E6	2.96

Signal #2 Calibration Files
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		Compound	50	100	75	25	5	Avg		%RSD
1)	SA	Tetrachloro-m-xylene	1.330	1.229	1.252	1.309	1.299	1.284	E7	3.26
2)	A	alpha-BHC	2.208	2.060	2.101	2.154	2.014	2.107	E7	3.61
3)	MA	gamma-BHC (Lindane)	1.981	1.837	1.887	1.969	2.025	1.940	E7	3.91
4)	MA	Heptachlor	1.863	1.699	1.752	1.850	1.860	1.805	E7	4.14
5)	MB	Aldrin	1.831	1.684	1.747	1.870	1.992	1.825	E7	6.46
6)	B	beta-BHC	8.428	7.661	7.936	8.371	9.086	8.296	E6	6.55
7)	B	delta-BHC	1.915	1.777	1.833	1.849	1.840	1.843	E7	2.67
8)	B	Heptachlor epoxide	1.644	1.483	1.554	1.637	1.694	1.602	E7	5.23
9)	A	Endosulfan I	1.521	1.384	1.447	1.538	1.576	1.493	E7	5.17
10)	B	gamma-Chlordane	1.715	1.574	1.629	1.727	1.811	1.691	E7	5.45
11)	B	alpha-Chlordane	1.650	1.508	1.577	1.670	1.765	1.634	E7	5.94
12)	B	4,4'-DDE	1.627	1.509	1.575	1.615	1.784	1.622	E7	6.27
13)	MA	Dieldrin	1.709	1.567	1.635	1.722	1.825	1.692	E7	5.74
14)	MA	Endrin	1.496	1.378	1.441	1.508	1.526	1.470	E7	4.11
15)	B	Endosulfan II	1.491	1.360	1.433	1.489	1.406	1.436	E7	3.90
16)	A	4,4'-DDD	1.361	1.262	1.313	1.356	1.404	1.339	E7	4.01
17)	MA	4,4'-DDT	1.361	1.283	1.340	1.343	1.329	1.331	E7	2.19
18)	B	Endrin aldehyde	1.284	1.167	1.231	1.322	1.446	1.290	E7	8.15
19)	B	Endosulfan Sulfate	1.527	1.381	1.459	1.550	1.624	1.508	E7	6.11

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		Compound	50	100	75	25	5	Avg		%RSD
20)	A	Methoxychlor	7.581	7.104	7.341	7.449	7.796	7.454	E6	3.47
21)	B	Endrin ketone	1.600	1.473	1.549	1.629	1.721	1.595	E7	5.80
22)		Mirex						0.000		-1.00
23)		Chlordane-1	6.628	6.283	6.301	6.674	7.299	6.637	E5	6.20
24)		Chlordane-2	6.342	6.045	6.078	6.594	7.045	6.421	E5	6.45
25)		Chlordane-3	2.187	2.058	2.074	2.236	2.355	2.182	E6	5.61
26)		Chlordane-4	2.505	2.344	2.373	2.574	2.891	2.538	E6	8.63
27)		Chlordane-5	5.666	5.408	5.427	5.710	5.799	5.602	E5	3.13
28)	SA	Decachlorobiphenyl	1.679	1.545	1.616	1.688	2.004	1.707	E7	10.30

(#) = Out of Range