Response Factor Report ECD7

Method Path : Z:\pestpcbsrv\HPCHEM1\ECD D\Method\
Method File : PD072718.M
Title : GC Extractables
Last Update : Sat Jul 28 00:24:24 2018
Response Via : Initial Calibration

Calibration Files
50 =PD048562.D 100 =PD048560.D 75 =PD048561.D
25 =PD048563.D 5 =PD048564.D

		Compound	50	100	75	25	5	Avg		%RSD
1)	SA	Tetrachloro-m-xylene	1.188	1.163	1.187	1.149	1.176	1.173	E6	1.44
2)	MA	alpha-BHC	2.070	2.057	2.090	1.954	2.019	2.038	E6	2.63
3)	MA	gamma-BHC (Lindane)	1.940	1.883	1.925	1.938	1.818	1.901	E6	2.72
4)	MA	Heptachlor	1.848	1.804	1.841	1.771	1.816	1.816	E6	1.71
5)	MB	Aldrin	1.775	1.737	1.771	1.706	1.788	1.755	E6	1.89
6)	B	beta-BHC	7.691	7.407	7.617	7.475	7.820	7.602	E5	2.18
7)	B	delta-BHC	1.935	1.911	1.941	1.832	1.883	1.900	E6	2.35
8)	B	Heptachlor epoxide	1.666	1.607	1.648	1.607	1.709	1.647	E6	2.62
9)	A	Endosulfan I	1.539	1.482	1.520	1.484	1.591	1.523	E6	2.95
10)	B	gamma-Chlordane	1.687	1.639	1.677	1.625	1.703	1.666	E6	1.96
11)	B	alpha-Chlordane	1.634	1.578	1.616	1.578	1.681	1.617	E6	2.66
12)	B	4,4'-DDE	1.707	1.654	1.693	1.649	1.737	1.688	E6	2.20
13)	MA	Dieldrin	1.789	1.732	1.767	1.715	1.752	1.751	E6	1.65
14)	MA	Endrin	1.717	1.660	1.698	1.654	1.727	1.691	E6	1.94
15)	B	Endosulfan II	1.569	1.505	1.548	1.519	1.569	1.542	E6	1.91
16)	A	4,4'-DDD	1.471	1.423	1.460	1.414	1.497	1.453	E6	2.38
17)	MA	4,4'-DDT	1.561	1.513	1.552	1.492	1.548	1.533	E6	1.90
18)	B	Endrin aldehyde	1.289	1.231	1.268	1.251	1.317	1.271	E6	2.64
19)	B	Endosulfan Sulfate	1.438	1.370	1.414	1.406	1.491	1.424	E6	3.15
20)	A	Methoxychlor	8.641	8.084	8.357	8.445	9.016	8.508	E5	4.08
21)	B	Endrin ketone	1.826	1.736	1.796	1.794	2.025	1.835	E6	6.03
22)		Mirex						0.000		-1.00
23)		Chlordane-1	5.603	5.613	5.531	5.584	5.284	5.523	E4	2.49
24)		Chlordane-2	5.611	5.549	5.552	5.606	5.770	5.618	E4	1.61
25)		Chlordane-3	1.832	1.893	1.860	1.805	1.934	1.865	E5	2.72
26)		Chlordane-4	1.650	1.656	1.634	1.621	1.717	1.656	E5	2.24
27)		Chlordane-5	5.916	5.895	5.794	5.843	5.825	5.854	E4	0.86
28)	SA	Decachlorobiphenyl	1.526	1.438	1.481	1.489	1.700	1.527	E6	6.67

Signal #2 Calibration Files
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		Compound	50	100	75	25	5	Avg		%RSD
1)	SA	Tetrachloro-m-xylene	1.638	1.520	1.580	1.625	1.652	1.603	E7	3.34
2)	A	alpha-BHC	2.796	2.635	2.718	2.779	2.917	2.769	E7	3.77
3)	MA	gamma-BHC (Lindane)	2.495	2.354	2.428	2.489	2.713	2.496	E7	5.37
4)	MA	Heptachlor	2.252	2.100	2.168	2.214	2.338	2.214	E7	4.03
5)	MB	Aldrin	2.470	2.298	2.379	2.486	2.751	2.477	E7	6.91
6)	B	beta-BHC	1.010	0.940	0.973	1.000	1.075	0.999	E7	5.01
7)	B	delta-BHC	2.274	2.148	2.218	2.216	2.113	2.194	E7	2.89
8)	B	Heptachlor epoxide	2.056	1.927	1.997	2.032	1.979	1.998	E7	2.49
9)	A	Endosulfan I	2.054	1.906	1.957	2.044	2.254	2.043	E7	6.52
10)	B	gamma-Chlordane	2.294	2.136	2.205	2.266	2.502	2.281	E7	6.05
11)	B	alpha-Chlordane	2.229	2.064	2.127	2.203	2.367	2.198	E7	5.21
12)	B	4,4'-DDE	1.965	1.838	1.904	1.953	2.070	1.946	E7	4.40
13)	MA	Dieldrin	2.249	2.092	2.173	2.247	2.351	2.222	E7	4.35
14)	MA	Endrin	1.925	1.792	1.846	1.936	2.057	1.911	E7	5.26
15)	B	Endosulfan II	1.820	1.677	1.743	1.808	2.129	1.835	E7	9.46
16)	A	4,4'-DDD	1.520	1.427	1.465	1.476	1.482	1.474	E7	2.29
17)	MA	4,4'-DDT	1.577	1.513	1.540	1.522	1.508	1.532	E7	1.83
18)	B	Endrin aldehyde	1.496	1.386	1.442	1.520	1.709	1.511	E7	8.11
19)	B	Endosulfan Sulfate	1.830	1.675	1.739	1.848	1.936	1.806	E7	5.59

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		Compound	50	100	75	25	5	Avg		%RSD
20)	A	Methoxychlor	7.491	7.005	7.266	7.153	8.073	7.397	E6	5.64
21)	B	Endrin ketone	1.738	1.640	1.695	1.750	1.911	1.747	E7	5.81
22)		Mirex						0.000		-1.00
23)		Chlordane-1	8.484	8.565	8.462	8.820	9.760	8.818	E5	6.18
24)		Chlordane-2	7.737	7.386	7.455	7.918	8.100	7.719	E5	3.91
25)		Chlordane-3	3.044	2.931	2.926	3.099	3.467	3.093	E6	7.16
26)		Chlordane-4	3.515	3.375	3.374	3.592	3.812	3.534	E6	5.14
27)		Chlordane-5	7.249	7.051	7.096	7.230	7.835	7.292	E5	4.32
28)	SA	Decachlorobiphenyl	1.695	1.550	1.606	1.730	1.901	1.696	E7	7.93

(#) = Out of Range