Response Factor Report ECD_Q

Method Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\
Method File : PQ022624.M
Title : GC EXTRACTABLES
Last Update : Tue Feb 27 05:29:32 2024
Response Via : Initial Calibration

Calibration Files
500 =PQ065505.D 1000 =PQ065503.D 750 =PQ065504.D
250 =PQ065506.D 50 =PQ065507.D

	Compound	500	1000	750	250	50	Avg		%RSD
1) SA	Tetrachloro-m-xylene	4.118	3.850	3.887	4.016	3.955	3.965	E6	2.69
2) SA	Decachlorobiphenyl	2.550	2.347	2.397	2.529	2.389	2.443	E6	3.71
3) L1	AR-1016-1	1.397	1.272	1.300	1.425	1.387	1.356	E5	4.89
4) L1	AR-1016-2	2.002	1.843	1.873	1.989	1.954	1.932	E5	3.67
5) L1	AR-1016-3	1.257	1.139	1.169	1.256	1.269	1.218	E5	4.90
6) L1	AR-1016-4	1.037	0.947	0.973	1.006	1.022	0.997	E5	3.67
7) L1	AR-1016-5	0.988	0.894	0.922	1.007	0.953	0.953	E5	4.87
8) L2	AR-1221-1	4.058					4.058	E4	0.00
9) L2	AR-1221-2	3.037					3.037	E4	0.00
10) L2	AR-1221-3	9.562					9.562	E4	0.00
11) L3	AR-1232-1	8.614					8.614	E4	0.00
12) L3	AR-1232-2	4.565					4.565	E4	0.00
13) L3	AR-1232-3	8.530					8.530	E4	0.00
14) L3	AR-1232-4	4.350					4.350	E4	0.00
15) L3	AR-1232-5	2.933					2.933	E4	0.00
16) L4	AR-1242-1	0.986	0.890	0.933	1.073	0.762	0.929	E5	12.45
17) L4	AR-1242-2	1.432	1.285	1.332	1.527	1.234	1.362	E5	8.66
18) L4	AR-1242-3	8.951	7.991	8.360	9.586	8.100	8.598	E4	7.74
19) L4	AR-1242-4	7.343	6.491	6.742	7.791	6.226	6.919	E4	9.24
20) L4	AR-1242-5	7.634	6.726	7.179	8.184	6.658	7.276	E4	8.82
21) L5	AR-1248-1	7.582	7.155	7.014	8.016	7.531	7.459	E4	5.28
22) L5	AR-1248-2	1.014	0.970	0.953	1.109	1.037	1.016	E5	6.06
23) L5	AR-1248-3	1.216	1.165	1.132	1.314	1.228	1.211	E5	5.74
24) L5	AR-1248-4	1.364	1.315	1.273	1.462	1.376	1.358	E5	5.24
25) L5	AR-1248-5	1.334	1.291	1.253	1.424	1.332	1.327	E5	4.79
26) L6	AR-1254-1	1.393	1.276	1.351	1.490	1.338	1.369	E5	5.80
27) L6	AR-1254-2	2.120	1.925	2.056	2.260	2.035	2.079	E5	5.92
28) L6	AR-1254-3	2.158	1.958	2.096	2.263	2.071	2.109	E5	5.33
29) L6	AR-1254-4	1.607	1.460	1.553	1.683	1.502	1.561	E5	5.62
30) L6	AR-1254-5	1.752	1.594	1.708	1.836	1.614	1.701	E5	5.86
31) L7	AR-1260-1	1.799	1.635	1.678	1.816	1.748	1.735	E5	4.47
32) L7	AR-1260-2	2.226	1.961	1.997	2.257	2.134	2.115	E5	6.28
33) L7	AR-1260-3	1.373	1.213	1.225	1.360	1.274	1.289	E5	5.77
34) L7	AR-1260-4	1.620	1.431	1.438	1.608	1.481	1.516	E5	6.05
35) L7	AR-1260-5	2.938	2.744	2.750	2.913	2.865	2.842	E5	3.19
36) L8	AR-1262-1	1.203					1.203	E5	0.00
37) L8	AR-1262-2	2.967					2.967	E5	0.00
38) L8	AR-1262-3	2.181					2.181	E5	0.00
39) L8	AR-1262-4	1.668					1.668	E5	0.00
40) L8	AR-1262-5	1.016					1.016	E5	0.00
41) L9	AR-1268-1	3.774	3.512	3.636	3.957	3.610	3.698	E5	4.67
42) L9	AR-1268-2	3.471	3.236	3.346	3.626	3.249	3.386	E5	4.85
43) L9	AR-1268-3	2.841	2.659	2.730	2.971	2.627	2.766	E5	5.11
44) L9	AR-1268-4	1.257	1.165	1.170	1.307	1.128	1.205	E5	6.15
45) L9	AR-1268-5	8.462	8.093	8.319	8.695	7.771	8.268	E5	4.28

Signal #2 Calibration Files
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	Compound	500	1000	750	250	50	Avg		%RSD
1) SA	Tetrachloro-m-xylene	7.077	6.506	6.625	6.948	6.841	6.799	E6	3.43
2) SA	Decachlorobiphenyl	7.847	7.161	7.353	7.989	8.301	7.730	E6	6.04
3) L1	AR-1016-1	2.641	2.389	2.451	2.718	2.807	2.601	E5	6.80
4) L1	AR-1016-2	3.763	3.445	3.517	3.836	3.825	3.677	E5	4.98
5) L1	AR-1016-3	2.060	1.860	1.906	2.107	2.048	1.996	E5	5.35

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	Compound	500	1000	750	250	50	Avg	%RSD
6) L1	AR-1016-4	1.764	1.565	1.615	1.835	2.037	1.763 E5	10.67
7) L1	AR-1016-5	2.124	1.916	1.968	2.180	2.168	2.071 E5	5.85
8) L2	AR-1221-1	7.406					7.406 E4	0.00
9) L2	AR-1221-2	5.660					5.660 E4	0.00
10) L2	AR-1221-3	1.765					1.765 E5	0.00
11) L3	AR-1232-1	1.592					1.592 E5	0.00
12) L3	AR-1232-2	1.632					1.632 E5	0.00
13) L3	AR-1232-3	8.868					8.868 E4	0.00
14) L3	AR-1232-4	7.549					7.549 E4	0.00
15) L3	AR-1232-5	8.670					8.670 E4	0.00
16) L4	AR-1242-1	1.935	1.723	1.814	2.104	1.993	1.914 E5	7.81
17) L4	AR-1242-2	2.693	2.429	2.509	2.914	2.472	2.603 E5	7.70
18) L4	AR-1242-3	1.491	1.337	1.398	1.605	1.336	1.433 E5	8.03
19) L4	AR-1242-4	1.440	1.265	1.327	1.578	1.395	1.401 E5	8.50
20) L4	AR-1242-5	1.946	1.744	1.817	2.110	1.990	1.922 E5	7.51
21) L5	AR-1248-1	1.488	1.398	1.370	1.611	1.647	1.503 E5	8.26
22) L5	AR-1248-2	2.137	2.016	1.986	2.345	2.441	2.185 E5	9.21
23) L5	AR-1248-3	2.062	1.938	1.915	2.227	2.276	2.083 E5	7.88
24) L5	AR-1248-4	2.542	2.413	2.367	2.776	2.755	2.571 E5	7.36
25) L5	AR-1248-5	2.538	2.426	2.369	2.752	2.776	2.572 E5	7.22
26) L6	AR-1254-1	3.780	3.463	3.684	4.087	3.842	3.771 E5	6.04
27) L6	AR-1254-2	3.407	3.105	3.303	3.701	3.522	3.408 E5	6.59
28) L6	AR-1254-3	5.318	4.920	5.221	5.701	5.306	5.293 E5	5.27
29) L6	AR-1254-4	3.360	3.089	3.288	3.590	3.271	3.320 E5	5.45
30) L6	AR-1254-5	5.305	4.866	5.145	5.606	5.369	5.258 E5	5.23
31) L7	AR-1260-1	4.346	3.908	4.030	4.565	4.744	4.319 E5	8.14
32) L7	AR-1260-2	5.094	4.654	4.753	5.214	5.383	5.020 E5	6.14
33) L7	AR-1260-3	4.829	4.447	4.531	4.900	4.936	4.728 E5	4.74
34) L7	AR-1260-4	2.897	2.453	2.617	3.171	2.645	2.756 E5	10.19
35) L7	AR-1260-5	8.489	7.851	7.990	8.476	8.561	8.274 E5	3.96
36) L8	AR-1262-1	2.495					2.495 E5	0.00
37) L8	AR-1262-2	4.757					4.757 E5	0.00
38) L8	AR-1262-3	3.942					3.942 E5	0.00
39) L8	AR-1262-4	6.719					6.719 E5	0.00
40) L8	AR-1262-5	3.120					3.120 E5	0.00
41) L9	AR-1268-1	1.092	1.027	1.066	1.150	1.095	1.086 E6	4.13
42) L9	AR-1268-2	1.007	0.948	0.982	1.058	0.988	0.997 E6	4.05
43) L9	AR-1268-3	8.649	8.101	8.394	9.031	8.810	8.597 E5	4.21
44) L9	AR-1268-4	3.818	3.550	3.642	4.022	3.626	3.731 E5	5.08
45) L9	AR-1268-5	2.575	2.450	2.490	2.661	2.428	2.521 E6	3.81

(#) = Out of Range