Response Factor Report ECD_Q

Method Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\
Method File : PQ042324.M
Title : GC EXTRACTABLES
Last Update : Wed Apr 24 04:24:21 2024
Response Via : Initial Calibration

Calibration Files
500 =PQ066197.D 1000 =PQ066195.D 750 =PQ066196.D
250 =PQ066198.D 50 =PQ066199.D

	Compound	500	1000	750	250	50	Avg		%RSD
1) SA	Tetrachloro-m-xylene	4.311	4.387	4.426	4.522	4.091	4.347	E6	3.74
2) SA	Decachlorobiphenyl	2.441	2.426	2.459	2.618	2.362	2.461	E6	3.87
3) L1	AR-1016-1	1.324	1.311	1.350	1.409	1.235	1.326	E5	4.76
4) L1	AR-1016-2	1.994	1.988	2.008	2.111	1.911	2.003	E5	3.58
5) L1	AR-1016-3	1.258	1.236	1.259	1.329	1.190	1.254	E5	4.00
6) L1	AR-1016-4	1.000	0.997	1.009	1.062	0.929	0.999	E5	4.74
7) L1	AR-1016-5	1.010	0.998	1.028	1.070	0.935	1.009	E5	4.88
8) L2	AR-1221-1	3.737					3.737	E4	0.00
9) L2	AR-1221-2	3.864					3.864	E4	0.00
10) L2	AR-1221-3	1.224					1.224	E5	0.00
11) L3	AR-1232-1	1.010					1.010	E5	0.00
12) L3	AR-1232-2	5.513					5.513	E4	0.00
13) L3	AR-1232-3	9.641					9.641	E4	0.00
14) L3	AR-1232-4	4.734					4.734	E4	0.00
15) L3	AR-1232-5	3.330					3.330	E4	0.00
16) L4	AR-1242-1	1.163	1.094	1.119	1.193	0.970	1.108	E5	7.77
17) L4	AR-1242-2	1.754	1.648	1.676	1.784	1.586	1.690	E5	4.74
18) L4	AR-1242-3	1.099	1.028	1.049	1.120	0.996	1.058	E5	4.82
19) L4	AR-1242-4	8.778	8.252	8.415	8.900	7.345	8.338	E4	7.37
20) L4	AR-1242-5	9.334	8.728	8.875	9.281	7.955	8.835	E4	6.29
21) L5	AR-1248-1	8.313	8.196	8.057	8.994	6.851	8.082	E4	9.61
22) L5	AR-1248-2	1.179	1.121	1.125	1.269	1.071	1.153	E5	6.53
23) L5	AR-1248-3	1.400	1.341	1.341	1.494	1.292	1.374	E5	5.64
24) L5	AR-1248-4	1.473	1.429	1.425	1.580	1.298	1.441	E5	7.05
25) L5	AR-1248-5	1.508	1.453	1.442	1.582	1.325	1.462	E5	6.47
26) L6	AR-1254-1	1.539	1.422	1.510	1.606	1.435	1.502	E5	5.05
27) L6	AR-1254-2	2.364	2.168	2.297	2.454	2.507	2.358	E5	5.67
28) L6	AR-1254-3	2.463	2.266	2.395	2.536	2.628	2.457	E5	5.61
29) L6	AR-1254-4	1.791	1.641	1.742	1.837	1.698	1.742	E5	4.40
30) L6	AR-1254-5	1.892	1.730	1.840	1.920	1.801	1.837	E5	4.09
31) L7	AR-1260-1	1.799	1.764	1.790	1.918	1.776	1.809	E5	3.44
32) L7	AR-1260-2	2.082	2.045	2.084	2.229	2.158	2.120	E5	3.47
33) L7	AR-1260-3	1.528	1.511	1.527	1.629	1.495	1.538	E5	3.42
34) L7	AR-1260-4	1.719	1.695	1.710	1.830	1.742	1.739	E5	3.08
35) L7	AR-1260-5	3.197	3.255	3.248	3.415	3.255	3.274	E5	2.52
36) L8	AR-1262-1	1.469					1.469	E5	0.00
37) L8	AR-1262-2	3.665					3.665	E5	0.00
38) L8	AR-1262-3	2.406					2.406	E5	0.00
39) L8	AR-1262-4	1.857					1.857	E5	0.00
40) L8	AR-1262-5	1.237					1.237	E5	0.00
41) L9	AR-1268-1	4.262	3.955	4.146	4.391	4.191	4.189	E5	3.82
42) L9	AR-1268-2	3.950	3.633	3.826	4.099	3.939	3.890	E5	4.45
43) L9	AR-1268-3	3.256	3.033	3.177	3.383	3.222	3.214	E5	3.95
44) L9	AR-1268-4	1.418	1.299	1.373	1.534	1.461	1.417	E5	6.26
45) L9	AR-1268-5	9.537	9.030	9.417	9.960	9.445	9.478	E5	3.50

Signal #2 Calibration Files
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	Compound	500	1000	750	250	50	Avg		%RSD
1) SA	Tetrachloro-m-xylene	6.420	6.473	6.580	6.666	5.848	6.397	E6	5.02
2) SA	Decachlorobiphenyl	6.666	6.648	6.769	4.957	6.418	6.291	E6	12.03
3) L1	AR-1016-1	2.286	2.248	2.295	2.471	2.361	2.332	E5	3.75
4) L1	AR-1016-2	3.349	3.321	3.384	3.536	3.334	3.385	E5	2.59
5) L1	AR-1016-3	1.839	1.802	1.853	1.968	1.908	1.874	E5	3.46

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Calibration Files
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	Compound	500	1000	750	250	50	Avg	%RSD
6) L1	AR-1016-4	1.546	1.493	1.545	1.678	1.624	1.577 E5	4.66
7) L1	AR-1016-5	1.898	1.859	1.903	2.044	1.995	1.940 E5	3.96
8) L2	AR-1221-1	8.423					8.423 E4	0.00
9) L2	AR-1221-2	6.049					6.049 E4	0.00
10) L2	AR-1221-3	1.873					1.873 E5	0.00
11) L3	AR-1232-1	1.539					1.539 E5	0.00
12) L3	AR-1232-2	1.611					1.611 E5	0.00
13) L3	AR-1232-3	8.818					8.818 E4	0.00
14) L3	AR-1232-4	7.534					7.534 E4	0.00
15) L3	AR-1232-5	8.432					8.432 E4	0.00
16) L4	AR-1242-1	2.028	1.891	1.930	2.061	2.007	1.983 E5	3.56
17) L4	AR-1242-2	2.901	2.728	2.756	2.954	2.801	2.828 E5	3.40
18) L4	AR-1242-3	1.607	1.501	1.527	1.644	1.567	1.569 E5	3.68
19) L4	AR-1242-4	1.506	1.385	1.419	1.554	1.471	1.467 E5	4.60
20) L4	AR-1242-5	1.972	1.836	1.869	2.023	1.913	1.923 E5	3.96
21) L5	AR-1248-1	1.502	1.422	1.426	1.617	1.475	1.488 E5	5.33
22) L5	AR-1248-2	2.221	2.090	2.095	2.394	2.265	2.213 E5	5.74
23) L5	AR-1248-3	2.134	2.005	2.016	2.308	2.111	2.115 E5	5.77
24) L5	AR-1248-4	2.600	2.480	2.476	2.798	2.524	2.576 E5	5.21
25) L5	AR-1248-5	2.608	2.506	2.482	2.761	2.547	2.581 E5	4.32
26) L6	AR-1254-1	3.974	3.636	3.836	4.109	4.111	3.933 E5	5.11
27) L6	AR-1254-2	3.486	3.159	3.343	3.602	3.452	3.408 E5	4.91
28) L6	AR-1254-3	5.545	5.092	5.368	5.668	5.331	5.401 E5	4.07
29) L6	AR-1254-4	3.594	3.293	3.468	3.687	4.536	3.715 E5	12.96
30) L6	AR-1254-5	5.044	4.639	4.882	5.144	4.652	4.872 E5	4.66
31) L7	AR-1260-1	3.811	3.768	3.857	4.071	4.076	3.917 E5	3.74
32) L7	AR-1260-2	4.631	4.589	4.698	4.948	4.965	4.766 E5	3.73
33) L7	AR-1260-3	4.341	4.326	4.406	4.590	4.349	4.403 E5	2.48
34) L7	AR-1260-4	3.641	3.627	3.698	4.258	3.813	3.807 E5	6.88
35) L7	AR-1260-5	8.120	8.233	8.356	8.296	7.951	8.191 E5	1.95
36) L8	AR-1262-1	2.792					2.792 E5	0.00
37) L8	AR-1262-2	4.755					4.755 E5	0.00
38) L8	AR-1262-3	3.777					3.777 E5	0.00
39) L8	AR-1262-4	6.979					6.979 E5	0.00
40) L8	AR-1262-5	3.291					3.291 E5	0.00
41) L9	AR-1268-1	1.128	1.033	1.103	1.187	1.151	1.121 E6	5.17
42) L9	AR-1268-2	1.030	0.959	1.011	1.082	1.019	1.020 E6	4.33
43) L9	AR-1268-3	8.965	8.330	8.774	9.387	9.020	8.895 E5	4.34
44) L9	AR-1268-4	3.788	3.517	3.705	3.987	3.598	3.719 E5	4.89
45) L9	AR-1268-5	2.664	2.519	2.651	2.757	2.520	2.622 E6	3.89

(#) = Out of Range