Response Factor Report ECD_Q

Method Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\
Method File : PQ021221CLP.M
Title : GC EXTRACTABLES
Last Update : Fri Feb 12 07:36:14 2021
Response Via : Initial Calibration

Calibration Files
400 =PQ052169.D 1600 =PQ052171.D 800 =PQ052170.D
200 =PQ052168.D 100 =PQ052167.D

	Compound	400	1600	800	200	100	Avg		%RSD
1) SA	Tetrachloro-m-xylene	2.546	2.529	2.568	2.524	2.113	2.456	E7	7.84
2) SA	Decachlorobiphenyl	2.150	2.063	2.083	2.113	1.839	2.050	E7	5.97
3) L1	AR-1016-1	8.537	7.886	8.152	8.473	7.127	8.035	E5	7.11
4) L1	AR-1016-2	1.224	1.166	1.237	1.215	1.060	1.181	E6	6.12
5) L1	AR-1016-3	7.288	6.871	7.257	7.316	6.954	7.137	E5	2.92
6) L1	AR-1016-4	6.148	5.920	6.151	6.284	5.598	6.020	E5	4.48
7) L1	AR-1016-5	5.898	5.581	5.748	5.914	4.991	5.626	E5	6.75
8) L2	AR-1221-1	2.553	2.472	2.517	2.633	2.577	2.550	E5	2.38
9) L2	AR-1221-2	1.834	1.649	1.743	1.833	1.737	1.759	E5	4.40
10) L2	AR-1221-3	5.939	5.503	5.764	6.163	6.071	5.888	E5	4.45
11) L3	AR-1232-1	4.831	4.381	4.671	5.069	5.619	4.914	E5	9.49
12) L3	AR-1232-2	2.550	2.438	2.514	2.620	2.746	2.574	E5	4.53
13) L3	AR-1232-3	5.232	5.052	5.146	5.342	5.531	5.261	E5	3.52
14) L3	AR-1232-4	2.678	2.504	2.534	2.724	2.667	2.621	E5	3.68
15) L3	AR-1232-5	1.891	1.721	1.748	2.005	1.872	1.847	E5	6.24
16) L4	AR-1242-1	7.036	6.451	6.682	7.036	7.156	6.872	E5	4.30
17) L4	AR-1242-2	1.038	0.949	0.987	1.033	1.041	1.010	E6	4.01
18) L4	AR-1242-3	6.207	5.631	5.898	6.349	6.278	6.073	E5	4.96
19) L4	AR-1242-4	5.186	4.807	4.934	5.353	5.145	5.085	E5	4.23
20) L4	AR-1242-5	5.689	5.327	5.560	5.664	5.968	5.642	E5	4.11
21) L5	AR-1248-1	5.513	5.093	5.118	5.743	5.918	5.477	E5	6.72
22) L5	AR-1248-2	7.703	7.041	7.145	8.178	8.364	7.686	E5	7.73
23) L5	AR-1248-3	8.839	8.239	8.270	9.307	9.490	8.829	E5	6.52
24) L5	AR-1248-4	1.039	0.975	0.982	1.078	1.124	1.040	E6	6.10
25) L5	AR-1248-5	1.027	0.958	0.959	1.053	1.124	1.024	E6	6.81
26) L6	AR-1254-1	0.953	0.931	0.935	1.042	1.106	0.993	E6	7.81
27) L6	AR-1254-2	1.498	1.454	1.464	1.624	1.689	1.546	E6	6.79
28) L6	AR-1254-3	1.631	1.620	1.615	1.773	1.811	1.690	E6	5.59
29) L6	AR-1254-4	1.221	1.194	1.190	1.332	1.335	1.254	E6	5.84
30) L6	AR-1254-5	1.303	1.280	1.271	1.438	1.427	1.344	E6	6.08
31) L7	AR-1260-1	1.043	1.001	1.022	1.023	0.907	0.999	E6	5.37
32) L7	AR-1260-2	1.276	1.224	1.250	1.265	1.127	1.228	E6	4.88
33) L7	AR-1260-3	9.605	9.186	9.412	9.427	8.095	9.145	E5	6.62
34) L7	AR-1260-4	1.133	1.104	1.113	1.097	0.941	1.077	E6	7.20
35) L7	AR-1260-5	2.387	2.387	2.374	2.286	1.911	2.269	E6	9.02
36) L8	AR-1262-1	1.542	1.507	1.482	1.638	1.704	1.574	E6	5.95
37) L8	AR-1262-2	2.934	3.005	2.885	3.088	3.067	2.996	E6	2.88
38) L8	AR-1262-3	1.958	1.943	1.874	2.045	2.132	1.991	E6	5.01
39) L8	AR-1262-4	1.485	1.472	1.425	1.572	1.654	1.522	E6	6.00
40) L8	AR-1262-5	1.075	1.065	1.034	1.121	1.146	1.088	E6	4.12
41) L9	AR-1268-1	3.449	3.432	3.448	3.608	3.639	3.515	E6	2.84
42) L9	AR-1268-2	3.224	3.191	3.209	3.367	3.428	3.284	E6	3.25
43) L9	AR-1268-3	2.752	2.722	2.730	2.849	2.858	2.782	E6	2.38
44) L9	AR-1268-4	1.202	1.164	1.180	1.267	1.284	1.219	E6	4.36
45) L9	AR-1268-5	9.677	9.562	9.676	9.985	9.947	9.769	E6	1.91

Signal #2 Calibration Files
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200 =PQ052168.D 100 =PQ052167.D

	Compound	400	1600	800	200	100	Avg		%RSD
1) SA	Tetrachloro-m-xylene	8.487	9.251	9.135	8.463	6.605	8.388	E6	12.64
2) SA	Decachlorobiphenyl	7.920	8.052	8.202	7.909	6.481	7.713	E6	9.06
3) L1	AR-1016-1	3.098	3.180	3.230	3.311	2.582	3.080	E5	9.38
4) L1	AR-1016-2	4.340	4.470	4.541	4.463	3.625	4.288	E5	8.81
5) L1	AR-1016-3	2.237	2.313	2.333	2.257	1.812	2.191	E5	9.82

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200 =PQ052168.D 100 =PQ052167.D

	Compound	400	1600	800	200	100	Avg	%RSD
6) L1	AR-1016-4	1.722	1.698	1.760	1.740	1.453	1.675 E5	7.54
7) L1	AR-1016-5	2.197	2.213	2.283	2.181	1.803	2.136 E5	8.88
8) L2	AR-1221-1	9.008	8.964	8.959	9.137	9.125	9.039 E4	0.96
9) L2	AR-1221-2	6.374	6.072	6.227	6.083	6.883	6.328 E4	5.28
10) L2	AR-1221-3	2.153	2.111	2.169	2.181	2.168	2.156 E5	1.26
11) L3	AR-1232-1	1.810	1.723	1.751	1.851	1.907	1.808 E5	4.12
12) L3	AR-1232-2	1.944	1.926	1.920	1.966	2.116	1.974 E5	4.11
13) L3	AR-1232-3	9.866	9.719	9.706	9.974	9.919	9.837 E4	1.22
14) L3	AR-1232-4	8.488	7.964	8.089	8.529	8.315	8.277 E4	2.98
15) L3	AR-1232-5	8.901	8.709	8.698	9.208	8.968	8.897 E4	2.36
16) L4	AR-1242-1	2.746	2.420	2.572	2.670	2.764	2.634 E5	5.39
17) L4	AR-1242-2	3.794	3.441	3.659	3.672	3.805	3.674 E5	3.99
18) L4	AR-1242-3	1.977	1.774	1.893	1.917	1.971	1.906 E5	4.31
19) L4	AR-1242-4	1.855	1.618	1.748	1.786	1.823	1.766 E5	5.22
20) L4	AR-1242-5	2.551	2.257	2.426	2.574	2.728	2.507 E5	7.03
21) L5	AR-1248-1	1.957	1.909	1.941	2.213	2.261	2.056 E5	8.12
22) L5	AR-1248-2	2.584	2.498	2.547	2.954	2.932	2.703 E5	8.18
23) L5	AR-1248-3	2.668	2.593	2.639	3.036	3.007	2.788 E5	7.70
24) L5	AR-1248-4	3.172	3.171	3.140	3.594	3.561	3.327 E5	6.88
25) L5	AR-1248-5	3.457	3.371	3.422	3.858	3.769	3.575 E5	6.20
26) L6	AR-1254-1	5.242	4.986	4.938	5.646	5.852	5.333 E5	7.57
27) L6	AR-1254-2	4.459	4.284	4.225	4.858	5.005	4.566 E5	7.63
28) L6	AR-1254-3	7.309	7.208	7.097	7.906	8.081	7.520 E5	5.89
29) L6	AR-1254-4	4.919	4.803	4.722	5.360	5.423	5.045 E5	6.42
30) L6	AR-1254-5	6.546	6.499	6.359	7.172	7.431	6.802 E5	6.92
31) L7	AR-1260-1	4.200	4.300	4.330	4.221	3.427	4.096 E5	9.22
32) L7	AR-1260-2	5.454	5.592	5.629	5.459	4.415	5.310 E5	9.53
33) L7	AR-1260-3	4.904	5.052	5.088	4.807	4.045	4.779 E5	8.91
34) L7	AR-1260-4	4.132	4.275	4.305	4.103	3.437	4.050 E5	8.74
35) L7	AR-1260-5	1.110	1.149	1.162	1.090	0.873	1.077 E6	10.94
36) L8	AR-1262-1	3.415	3.404	3.289	3.523	3.634	3.453 E5	3.78
37) L8	AR-1262-2	1.334	1.331	1.301	1.394	1.345	1.341 E6	2.50
38) L8	AR-1262-3	5.165	5.122	5.003	5.495	5.359	5.229 E5	3.75
39) L8	AR-1262-4	0.971	0.970	0.947	1.022	0.975	0.977 E6	2.79
40) L8	AR-1262-5	4.487	4.530	4.372	4.718	4.554	4.532 E5	2.76
41) L9	AR-1268-1	1.598	1.578	1.576	1.690	1.612	1.611 E6	2.90
42) L9	AR-1268-2	1.471	1.475	1.465	1.566	1.478	1.491 E6	2.82
43) L9	AR-1268-3	1.242	1.247	1.233	1.312	1.235	1.254 E6	2.65
44) L9	AR-1268-4	5.035	5.146	5.045	5.532	5.378	5.227 E5	4.19
45) L9	AR-1268-5	4.098	3.862	3.914	4.230	3.994	4.019 E6	3.67

(#) = Out of Range