Response Factor Report ECD_Q

Method Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\
Method File : PQ032419CLP.M
Title : GC EXTRACTABLES
Last Update : Mon Mar 25 05:45:22 2019
Response Via : Initial Calibration

Calibration Files
400 =PQ038198.D 1600 =PQ038200.D 800 =PQ038199.D
200 =PQ038197.D 100 =PQ038196.D

	Compound	400	1600	800	200	100	Avg		%RSD
1) SA	Tetrachloro-m-xylene	4.503	4.322	4.012	4.044	3.727	4.121	E6	7.27
2) SA	Decachlorobiphenyl	5.334	5.331	5.495	5.491	5.547	5.440	E6	1.84
3) L1	AR-1016-1	2.557	2.390	2.271	2.441	2.281	2.388	E5	4.98
4) L1	AR-1016-2	3.897	3.674	3.464	3.630	3.486	3.630	E5	4.80
5) L1	AR-1016-3	2.374	2.197	2.106	2.264	2.189	2.226	E5	4.48
6) L1	AR-1016-4	1.965	1.827	1.733	1.885	1.807	1.844	E5	4.72
7) L1	AR-1016-5	1.949	1.826	1.758	1.883	1.814	1.846	E5	3.95
8) L2	AR-1221-1	5.226	4.761	5.556	5.388	5.871	5.360	E4	7.68
9) L2	AR-1221-2	3.781	3.348	3.880	3.986	4.085	3.816	E4	7.48
10) L2	AR-1221-3	1.280	1.185	1.339	1.387	1.328	1.304	E5	5.86
11) L3	AR-1232-1	0.966	0.856	1.021	0.953	1.010	0.961	E5	6.81
12) L3	AR-1232-2	4.850	4.771	5.652	5.206	5.421	5.180	E4	7.21
13) L3	AR-1232-3	1.017	0.984	1.146	1.073	1.087	1.061	E5	5.96
14) L3	AR-1232-4	4.954	4.968	5.864	5.238	5.470	5.299	E4	7.19
15) L3	AR-1232-5	4.005	3.776	4.522	3.802	4.237	4.068	E4	7.72
16) L4	AR-1242-1	1.435	1.391	1.559	1.635	1.634	1.531	E5	7.39
17) L4	AR-1242-2	2.170	2.071	2.376	2.374	2.432	2.285	E5	6.82
18) L4	AR-1242-3	1.358	1.278	1.469	1.494	1.577	1.435	E5	8.18
19) L4	AR-1242-4	1.103	1.051	1.205	1.209	1.199	1.153	E5	6.26
20) L4	AR-1242-5	1.313	1.188	1.406	1.381	1.354	1.328	E5	6.46
21) L5	AR-1248-1	1.059	0.948	0.958	1.091	1.323	1.076	E5	14.07
22) L5	AR-1248-2	1.598	1.411	1.463	1.659	2.020	1.630	E5	14.69
23) L5	AR-1248-3	1.790	1.646	1.674	1.824	2.211	1.829	E5	12.37
24) L5	AR-1248-4	2.055	1.901	1.932	2.080	2.514	2.097	E5	11.72
25) L5	AR-1248-5	1.997	1.839	1.887	2.011	2.344	2.015	E5	9.81
26) L6	AR-1254-1	2.428	2.114	2.346	2.757	2.362	2.401	E5	9.64
27) L6	AR-1254-2	3.795	3.346	3.680	4.274	3.763	3.771	E5	8.82
28) L6	AR-1254-3	4.092	3.744	4.044	4.445	3.975	4.060	E5	6.24
29) L6	AR-1254-4	2.817	2.592	2.770	3.097	2.798	2.815	E5	6.44
30) L6	AR-1254-5	3.239	3.035	3.218	3.453	3.195	3.228	E5	4.63
31) L7	AR-1260-1	4.408	4.237	4.042	4.282	4.303	4.255	E5	3.16
32) L7	AR-1260-2	5.324	5.176	4.935	5.163	5.069	5.134	E5	2.80
33) L7	AR-1260-3	4.013	3.885	3.759	3.937	3.748	3.868	E5	2.96
34) L7	AR-1260-4	4.719	4.628	4.475	4.575	4.409	4.561	E5	2.69
35) L7	AR-1260-5	9.637	9.929	9.509	9.254	9.019	9.470	E5	3.70
36) L8	AR-1262-1	3.943	3.576	3.887	4.141	4.272	3.964	E5	6.71
37) L8	AR-1262-2	7.084	6.848	7.209	7.228	7.296	7.133	E5	2.48
38) L8	AR-1262-3	4.778	4.489	4.760	4.930	4.975	4.787	E5	3.99
39) L8	AR-1262-4	3.780	3.543	3.790	3.815	3.994	3.785	E5	4.24
40) L8	AR-1262-5	2.458	2.375	2.458	2.493	2.504	2.458	E5	2.07
41) L9	AR-1268-1	1.532	1.583	1.580	1.616	1.616	1.586	E6	2.19
42) L9	AR-1268-2	1.406	1.453	1.449	1.473	1.485	1.453	E6	2.06
43) L9	AR-1268-3	1.250	1.295	1.290	1.318	1.293	1.289	E6	1.89
44) L9	AR-1268-4	4.886	4.714	4.699	4.749	4.834	4.776	E5	1.69
45) L9	AR-1268-5	4.294	4.303	4.371	4.359	4.212	4.308	E6	1.47

Signal #2 Calibration Files
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	Compound	400	1600	800	200	100	Avg		%RSD
1) SA	Tetrachloro-m-xylene	1.787	1.721	1.658	1.741	1.531	1.688	E6	5.87
2) SA	Decachlorobiphenyl	2.344	2.360	2.383	2.361	2.381	2.366	E6	0.69
3) L1	AR-1016-1	1.168	1.084	1.007	1.084	0.999	1.068	E5	6.44
4) L1	AR-1016-2	1.689	1.584	1.468	1.565	1.439	1.549	E5	6.43
5) L1	AR-1016-3	8.707	8.153	7.558	8.116	7.558	8.018	E4	6.00

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Calibration Files
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	Compound	400	1600	800	200	100	Avg		%RSD
6) L1	AR-1016-4	6.924	6.204	5.893	6.491	6.236	6.349	E4	6.07
7) L1	AR-1016-5	9.431	8.785	8.281	9.074	8.223	8.759	E4	5.90
8) L2	AR-1221-1	2.183	2.027	2.581	2.755	2.125	2.334	E4	13.53
9) L2	AR-1221-2	1.539	1.437	1.831	1.639	1.878	1.665	E4	11.31
10) L2	AR-1221-3	5.632	5.165	6.069	5.908	5.669	5.689	E4	6.03
11) L3	AR-1232-1	3.891	3.771	4.437	4.010	4.333	4.088	E4	6.99
12) L3	AR-1232-2	4.430	4.412	5.038	4.144	4.290	4.463	E4	7.65
13) L3	AR-1232-3	2.308	2.233	2.620	2.369	2.501	2.406	E4	6.43
14) L3	AR-1232-4	2.151	2.006	2.357	2.261	2.518	2.259	E4	8.65
15) L3	AR-1232-5	2.389	2.247	2.590	2.509	2.367	2.420	E4	5.48
16) L4	AR-1242-1	6.446	6.534	7.329	7.406	7.493	7.041	E4	7.21
17) L4	AR-1242-2	0.927	0.954	1.059	1.037	1.061	1.008	E5	6.23
18) L4	AR-1242-3	4.957	4.963	5.615	5.545	5.687	5.353	E4	6.77
19) L4	AR-1242-4	5.060	4.841	5.577	5.858	5.804	5.428	E4	8.39
20) L4	AR-1242-5	7.009	6.625	7.821	7.495	7.803	7.351	E4	7.10
21) L5	AR-1248-1	4.962	4.512	4.388	4.912	6.316	5.018	E4	15.29
22) L5	AR-1248-2	7.007	6.283	6.305	7.158	8.877	7.126	E4	14.83
23) L5	AR-1248-3	7.257	6.517	6.531	7.384	8.937	7.325	E4	13.46
24) L5	AR-1248-4	0.895	0.817	0.819	0.914	1.076	0.904	E5	11.67
25) L5	AR-1248-5	0.876	0.820	0.829	0.903	1.058	0.897	E5	10.71
26) L6	AR-1254-1	1.651	1.450	1.592	1.806	1.540	1.608	E5	8.28
27) L6	AR-1254-2	1.427	1.249	1.369	1.561	1.381	1.397	E5	8.04
28) L6	AR-1254-3	2.449	2.235	2.401	2.635	2.302	2.404	E5	6.38
29) L6	AR-1254-4	1.585	1.439	1.557	1.575	1.592	1.550	E5	4.09
30) L6	AR-1254-5	2.046	1.910	2.016	2.194	1.970	2.027	E5	5.24
31) L7	AR-1260-1	2.175	2.075	1.962	2.059	1.951	2.045	E5	4.49
32) L7	AR-1260-2	2.709	2.616	2.478	2.547	2.458	2.562	E5	4.02
33) L7	AR-1260-3	2.517	2.477	2.324	2.384	2.259	2.392	E5	4.44
34) L7	AR-1260-4	2.056	2.031	1.928	1.954	1.928	1.979	E5	3.03
35) L7	AR-1260-5	5.015	5.183	4.912	4.745	4.729	4.917	E5	3.88
36) L8	AR-1262-1	2.155	1.939	2.122	2.275	2.275	2.153	E5	6.42
37) L8	AR-1262-2	3.848	3.684	3.950	3.886	4.112	3.896	E5	3.99
38) L8	AR-1262-3	1.461	1.376	1.487	1.532	1.588	1.489	E5	5.34
39) L8	AR-1262-4	2.775	2.743	2.905	2.855	2.974	2.850	E5	3.31
40) L8	AR-1262-5	1.147	1.117	1.155	1.179	1.312	1.182	E5	6.43
41) L9	AR-1268-1	7.751	7.973	8.056	8.206	8.052	8.008	E5	2.08
42) L9	AR-1268-2	7.027	7.311	7.329	7.396	7.230	7.259	E5	1.96
43) L9	AR-1268-3	6.080	6.280	6.295	6.343	6.462	6.292	E5	2.20
44) L9	AR-1268-4	2.321	2.308	2.345	2.407	2.392	2.355	E5	1.85
45) L9	AR-1268-5	1.930	1.916	1.972	1.932	1.880	1.926	E6	1.72

(#) = Out of Range