Response Factor Report ECD_Q

Method Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\
Method File : PQ092420CLP.M
Title : GC EXTRACTABLES
Last Update : Thu Sep 24 08:00:48 2020
Response Via : Initial Calibration

Calibration Files
400 =PQ049972.D 1600 =PQ049974.D 800 =PQ049973.D
200 =PQ049971.D 100 =PQ049970.D

	Compound	400	1600	800	200	100	Avg		%RSD
1) SA	Tetrachloro-m-xylene	1.039	0.821	0.952	1.027	1.110	0.990	E7	11.07
2) SA	Decachlorobiphenyl	6.797	5.313	6.153	7.532	8.148	6.789	E6	16.44
3) L1	AR-1016-1	3.368	2.558	3.001	3.546	3.682	3.231	E5	14.07
4) L1	AR-1016-2	4.777	3.668	4.325	5.067	5.667	4.701	E5	16.06
5) L1	AR-1016-3	3.047	2.307	2.833	3.425	3.568	3.036	E5	16.54
6) L1	AR-1016-4	2.464	1.903	2.365	2.618	2.807	2.431	E5	13.96
7) L1	AR-1016-5	2.310	1.731	2.031	2.357	2.610	2.208	E5	15.24
8) L2	AR-1221-1	1.171	0.962	1.205	1.374	1.303	1.203	E5	13.03
9) L2	AR-1221-2	8.051	6.669	8.412	9.992	8.969	8.418	E4	14.52
10) L2	AR-1221-3	2.631	2.091	2.660	3.117	3.030	2.706	E5	15.02
11) L3	AR-1232-1	1.908	1.734	1.959	2.320	2.544	2.093	E5	15.78
12) L3	AR-1232-2	0.984	0.871	0.982	1.258	1.219	1.063	E5	15.75
13) L3	AR-1232-3	1.943	1.730	1.989	2.417	2.738	2.163	E5	18.80
14) L3	AR-1232-4	0.951	0.903	1.057	1.161	1.198	1.054	E5	12.15
15) L3	AR-1232-5	7.059	6.699	7.925	8.150	7.833	7.533	E4	8.25
16) L4	AR-1242-1	2.783	2.321	2.422	2.964	2.997	2.697	E5	11.51
17) L4	AR-1242-2	3.824	3.312	3.376	4.077	4.292	3.776	E5	11.35
18) L4	AR-1242-3	2.412	2.027	2.150	2.573	2.751	2.382	E5	12.48
19) L4	AR-1242-4	2.023	1.698	1.777	2.095	2.095	1.938	E5	9.66
20) L4	AR-1242-5	1.989	1.630	1.749	2.135	2.128	1.926	E5	11.83
21) L5	AR-1248-1	2.053	1.792	1.893	2.474	2.660	2.174	E5	17.29
22) L5	AR-1248-2	2.661	2.302	2.470	3.156	3.258	2.770	E5	15.19
23) L5	AR-1248-3	2.828	2.472	2.626	3.445	3.655	3.005	E5	17.25
24) L5	AR-1248-4	3.134	2.687	2.841	3.835	4.226	3.345	E5	19.76
25) L5	AR-1248-5	2.967	2.532	2.703	3.612	3.926	3.148	E5	19.00
26) L6	AR-1254-1	3.331	2.695	2.911	3.504	4.052	3.299	E5	16.09
27) L6	AR-1254-2	4.894	4.016	4.295	5.167	5.960	4.866	E5	15.71
28) L6	AR-1254-3	4.865	4.058	4.335	5.118	5.930	4.861	E5	15.00
29) L6	AR-1254-4	3.852	3.107	3.348	4.053	4.608	3.793	E5	15.61
30) L6	AR-1254-5	3.758	3.117	3.332	3.973	4.505	3.737	E5	14.62
31) L7	AR-1260-1	3.273	2.509	2.936	3.523	4.042	3.257	E5	17.84
32) L7	AR-1260-2	3.938	3.010	3.498	4.210	4.695	3.870	E5	16.73
33) L7	AR-1260-3	3.041	2.326	2.712	3.243	3.690	3.003	E5	17.25
34) L7	AR-1260-4	3.289	2.590	2.997	3.478	3.765	3.224	E5	14.00
35) L7	AR-1260-5	6.723	5.514	6.232	7.230	7.853	6.711	E5	13.40
36) L8	AR-1262-1	4.281	3.458	3.899	4.943	5.228	4.362	E5	16.72
37) L8	AR-1262-2	7.608	6.415	7.053	8.460	9.002	7.708	E5	13.53
38) L8	AR-1262-3	3.635	2.925	3.321	4.105	4.312	3.660	E5	15.45
39) L8	AR-1262-4	4.414	3.518	4.006	4.973	5.208	4.424	E5	15.62
40) L8	AR-1262-5	3.455	2.745	3.120	3.795	4.075	3.438	E5	15.35
41) L9	AR-1268-1	0.930	0.801	0.894	1.074	1.107	0.961	E6	13.29
42) L9	AR-1268-2	0.890	0.761	0.853	1.030	1.066	0.920	E6	13.78
43) L9	AR-1268-3	7.475	6.401	7.120	8.632	9.006	7.727	E5	13.95
44) L9	AR-1268-4	3.812	3.172	3.583	4.318	4.448	3.867	E5	13.61
45) L9	AR-1268-5	2.506	2.235	2.422	2.787	2.895	2.569	E6	10.50

Signal #2 Calibration Files
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	Compound	400	1600	800	200	100	Avg		%RSD
1) SA	Tetrachloro-m-xylene	3.729	3.129	3.516	3.511	3.741	3.525	E6	7.03
2) SA	Decachlorobiphenyl	5.447	4.874	5.234	5.576	5.764	5.379	E6	6.35
3) L1	AR-1016-1	1.694	1.371	1.570	1.727	1.949	1.662	E5	12.80
4) L1	AR-1016-2	2.300	1.908	2.135	2.309	2.518	2.234	E5	10.17
5) L1	AR-1016-3	1.229	1.006	1.128	1.228	1.334	1.185	E5	10.45

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	Compound	400	1600	800	200	100	Avg		%RSD
6) L1	AR-1016-4	0.977	0.777	0.890	0.997	1.078	0.944	E5	12.14
7) L1	AR-1016-5	1.250	1.035	1.181	1.304	1.412	1.236	E5	11.38
8) L2	AR-1221-1	4.260	3.571	4.327	4.788	4.310	4.251	E4	10.25
9) L2	AR-1221-2	3.016	2.518	3.090	3.262	3.331	3.043	E4	10.51
10) L2	AR-1221-3	1.026	0.856	1.052	1.153	1.155	1.048	E5	11.67
11) L3	AR-1232-1	7.271	7.007	7.799	8.634	9.541	8.050	E4	12.91
12) L3	AR-1232-2	0.874	0.843	0.918	1.055	1.053	0.949	E5	10.52
13) L3	AR-1232-3	4.656	4.385	4.852	5.516	5.355	4.953	E4	9.58
14) L3	AR-1232-4	4.064	3.751	4.147	4.966	5.355	4.457	E4	15.12
15) L3	AR-1232-5	4.543	4.226	4.644	5.554	6.441	5.082	E4	17.83
16) L4	AR-1242-1	1.307	1.198	1.196	1.351	1.302	1.271	E5	5.50
17) L4	AR-1242-2	1.795	1.649	1.629	1.823	1.787	1.737	E5	5.20
18) L4	AR-1242-3	9.618	8.832	8.819	9.679	9.254	9.240	E4	4.46
19) L4	AR-1242-4	9.269	8.306	8.390	9.430	9.349	8.949	E4	6.17
20) L4	AR-1242-5	1.354	1.210	1.222	1.417	1.462	1.333	E5	8.51
21) L5	AR-1248-1	0.965	0.912	0.912	1.140	1.191	1.024	E5	12.94
22) L5	AR-1248-2	1.227	1.154	1.169	1.465	1.502	1.304	E5	12.82
23) L5	AR-1248-3	1.250	1.179	1.193	1.491	1.520	1.327	E5	12.51
24) L5	AR-1248-4	1.549	1.473	1.494	1.872	1.868	1.651	E5	12.21
25) L5	AR-1248-5	1.692	1.601	1.626	2.005	2.137	1.813	E5	13.41
26) L6	AR-1254-1	2.791	2.515	2.579	2.836	3.134	2.771	E5	8.83
27) L6	AR-1254-2	2.504	2.235	2.299	2.545	2.784	2.473	E5	8.82
28) L6	AR-1254-3	4.172	3.806	3.896	4.149	4.484	4.102	E5	6.48
29) L6	AR-1254-4	3.075	2.762	2.850	3.095	3.342	3.025	E5	7.53
30) L6	AR-1254-5	4.080	3.748	3.833	4.032	4.359	4.010	E5	5.95
31) L7	AR-1260-1	2.512	2.122	2.382	2.559	2.679	2.451	E5	8.67
32) L7	AR-1260-2	3.569	3.069	3.409	3.635	3.951	3.527	E5	9.16
33) L7	AR-1260-3	3.032	2.612	2.903	3.111	3.408	3.013	E5	9.66
34) L7	AR-1260-4	2.759	2.384	2.622	2.829	3.038	2.727	E5	8.92
35) L7	AR-1260-5	7.871	6.987	7.636	7.896	8.153	7.709	E5	5.75
36) L8	AR-1262-1	2.063	1.836	1.978	2.248	2.259	2.077	E5	8.70
37) L8	AR-1262-2	8.946	8.070	8.737	9.341	9.268	8.872	E5	5.76
38) L8	AR-1262-3	3.709	3.318	3.583	3.904	3.928	3.688	E5	6.81
39) L8	AR-1262-4	6.408	5.791	6.260	6.724	6.747	6.386	E5	6.14
40) L8	AR-1262-5	3.307	2.975	3.219	3.568	3.613	3.336	E5	7.87
41) L9	AR-1268-1	1.102	1.008	1.111	1.215	1.170	1.121	E6	6.96
42) L9	AR-1268-2	0.954	0.883	0.965	1.046	1.006	0.971	E6	6.29
43) L9	AR-1268-3	8.145	7.521	8.262	8.923	8.649	8.300	E5	6.44
44) L9	AR-1268-4	3.732	3.495	3.757	4.046	4.009	3.808	E5	5.92
45) L9	AR-1268-5	2.572	2.299	2.552	2.751	2.664	2.567	E6	6.62

(#) = Out of Range