Response Factor Report ECD_Q

Method Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\
Method File : PQ050923CLP.M
Title : GC EXTRACTABLES
Last Update : Wed May 10 04:07:21 2023
Response Via : Initial Calibration

Calibration Files
400 =PQ061137.D 1600 =PQ061139.D 800 =PQ061138.D
200 =PQ061136.D 100 =PQ061135.D

	Compound	400	1600	800	200	100	Avg		%RSD
1) SA	Tetrachloro-m-xylene	6.198	5.449	5.810	6.433	6.769	6.132	E6	8.43
2) SA	Decachlorobiphenyl	4.390	3.737	4.091	4.736	4.969	4.385	E6	11.24
3) L1	AR-1016-1	1.997	1.715	1.860	2.097	2.292	1.992	E5	11.09
4) L1	AR-1016-2	2.951	2.588	2.793	3.145	3.380	2.971	E5	10.33
5) L1	AR-1016-3	1.855	1.571	1.731	2.062	2.117	1.867	E5	12.16
6) L1	AR-1016-4	1.524	1.313	1.434	1.657	1.698	1.525	E5	10.39
7) L1	AR-1016-5	1.494	1.273	1.403	1.618	1.661	1.490	E5	10.63
8) L2	AR-1221-1	7.489	6.356	6.861	8.115	8.919	7.548	E4	13.41
9) L2	AR-1221-2	5.168	4.314	4.714	5.628	6.217	5.208	E4	14.36
10) L2	AR-1221-3	1.666	1.360	1.509	1.839	1.988	1.672	E5	14.99
11) L3	AR-1232-1	1.360	1.100	1.215	1.509	1.599	1.357	E5	15.09
12) L3	AR-1232-2	6.884	5.729	6.190	7.503	7.864	6.834	E4	12.98
13) L3	AR-1232-3	1.345	1.166	1.254	1.429	1.507	1.340	E5	10.12
14) L3	AR-1232-4	6.806	5.864	6.295	7.373	7.711	6.810	E4	11.11
15) L3	AR-1232-5	4.842	4.133	4.491	5.388	5.492	4.869	E4	11.90
16) L4	AR-1242-1	1.685	1.453	1.532	1.828	1.945	1.689	E5	12.04
17) L4	AR-1242-2	2.474	2.153	2.279	2.699	2.800	2.481	E5	10.99
18) L4	AR-1242-3	1.561	1.325	1.415	1.692	1.777	1.554	E5	12.07
19) L4	AR-1242-4	1.263	1.106	1.166	1.388	1.421	1.269	E5	10.75
20) L4	AR-1242-5	1.388	1.211	1.279	1.508	1.580	1.393	E5	11.01
21) L5	AR-1248-1	1.269	1.082	1.209	1.379	1.385	1.265	E5	10.02
22) L5	AR-1248-2	1.709	1.435	1.613	1.856	1.882	1.699	E5	10.83
23) L5	AR-1248-3	2.072	1.762	1.958	2.221	2.248	2.052	E5	9.76
24) L5	AR-1248-4	2.369	2.049	2.241	2.556	2.569	2.357	E5	9.31
25) L5	AR-1248-5	2.322	2.019	2.198	2.527	2.488	2.311	E5	9.07
26) L6	AR-1254-1	2.261	1.890	2.129	2.347	2.713	2.268	E5	13.36
27) L6	AR-1254-2	3.549	2.980	3.340	3.673	4.208	3.550	E5	12.73
28) L6	AR-1254-3	3.763	3.237	3.569	3.869	4.381	3.764	E5	11.17
29) L6	AR-1254-4	2.808	2.406	2.644	2.934	3.282	2.815	E5	11.62
30) L6	AR-1254-5	3.149	2.681	2.966	3.295	3.705	3.159	E5	12.08
31) L7	AR-1260-1	2.919	2.480	2.701	3.156	3.326	2.916	E5	11.65
32) L7	AR-1260-2	3.540	3.009	3.273	3.849	4.119	3.558	E5	12.42
33) L7	AR-1260-3	2.643	2.237	2.453	2.875	3.054	2.652	E5	12.26
34) L7	AR-1260-4	2.979	2.544	2.776	3.199	3.383	2.976	E5	11.16
35) L7	AR-1260-5	5.772	5.120	5.502	6.188	6.454	5.807	E5	9.15
36) L8	AR-1262-1	3.827	3.313	3.471	4.227	4.501	3.868	E5	12.90
37) L8	AR-1262-2	6.464	5.860	6.183	7.097	7.534	6.628	E5	10.28
38) L8	AR-1262-3	4.359	3.853	4.112	4.819	5.164	4.462	E5	11.88
39) L8	AR-1262-4	3.360	2.925	3.154	3.727	3.917	3.417	E5	11.90
40) L8	AR-1262-5	2.223	1.941	2.087	2.419	2.548	2.244	E5	10.92
41) L9	AR-1268-1	5.963	5.145	5.481	6.364	6.724	5.936	E5	10.78
42) L9	AR-1268-2	5.415	4.693	4.989	5.735	6.057	5.378	E5	10.23
43) L9	AR-1268-3	4.443	3.856	4.082	4.725	5.029	4.427	E5	10.69
44) L9	AR-1268-4	1.959	1.666	1.786	2.132	2.256	1.960	E5	12.33
45) L9	AR-1268-5	1.302	1.168	1.213	1.377	1.464	1.305	E6	9.20

Signal #2 Calibration Files
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200 =PQ061136.D 100 =PQ061135.D

	Compound	400	1600	800	200	100	Avg		%RSD
1) SA	Tetrachloro-m-xylene	3.351	3.093	3.247	3.516	3.679	3.377	E6	6.76
2) SA	Decachlorobiphenyl	3.934	3.485	3.742	4.192	4.339	3.939	E6	8.69
3) L1	AR-1016-1	1.224	1.075	1.149	1.293	1.384	1.225	E5	9.85
4) L1	AR-1016-2	1.792	1.581	1.694	1.866	1.986	1.784	E5	8.72
5) L1	AR-1016-3	0.942	0.835	0.898	1.012	1.047	0.947	E5	9.03

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	Compound	400	1600	800	200	100	Avg		%RSD
6) L1	AR-1016-4	7.992	6.803	7.537	8.717	9.045	8.019	E4	11.24
7) L1	AR-1016-5	1.007	0.865	0.942	1.074	1.121	1.002	E5	10.19
8) L2	AR-1221-1	4.470	3.764	4.139	4.802	5.133	4.462	E4	12.06
9) L2	AR-1221-2	3.129	2.651	2.930	3.336	3.899	3.189	E4	14.75
10) L2	AR-1221-3	1.006	0.838	0.931	1.095	1.205	1.015	E5	14.01
11) L3	AR-1232-1	8.207	6.749	7.556	9.047	9.684	8.248	E4	14.12
12) L3	AR-1232-2	8.179	7.103	7.621	8.755	8.986	8.129	E4	9.61
13) L3	AR-1232-3	4.192	3.634	3.919	4.374	4.470	4.118	E4	8.31
14) L3	AR-1232-4	3.603	3.075	3.381	3.860	4.044	3.593	E4	10.67
15) L3	AR-1232-5	4.283	3.681	3.972	4.400	4.410	4.149	E4	7.61
16) L4	AR-1242-1	1.004	0.886	0.963	1.112	1.138	1.021	E5	10.28
17) L4	AR-1242-2	1.482	1.320	1.364	1.594	1.658	1.484	E5	9.77
18) L4	AR-1242-3	7.776	6.940	7.335	8.340	8.412	7.761	E4	8.19
19) L4	AR-1242-4	7.466	6.443	6.881	8.129	8.238	7.431	E4	10.46
20) L4	AR-1242-5	0.995	0.877	0.930	1.089	1.108	1.000	E5	9.94
21) L5	AR-1248-1	7.826	6.811	7.381	8.332	8.777	7.825	E4	9.87
22) L5	AR-1248-2	1.149	0.979	1.091	1.248	1.275	1.148	E5	10.48
23) L5	AR-1248-3	1.102	0.947	1.043	1.184	1.232	1.101	E5	10.27
24) L5	AR-1248-4	1.369	1.182	1.299	1.468	1.481	1.360	E5	9.15
25) L5	AR-1248-5	1.380	1.220	1.322	1.472	1.504	1.380	E5	8.34
26) L6	AR-1254-1	2.005	1.717	1.906	2.096	2.299	2.005	E5	10.80
27) L6	AR-1254-2	1.755	1.494	1.664	1.840	2.031	1.757	E5	11.38
28) L6	AR-1254-3	2.814	2.472	2.700	2.925	3.186	2.820	E5	9.40
29) L6	AR-1254-4	1.828	1.607	1.761	1.907	2.068	1.834	E5	9.33
30) L6	AR-1254-5	2.609	2.317	2.523	2.694	2.900	2.609	E5	8.23
31) L7	AR-1260-1	2.025	1.766	1.914	2.192	2.343	2.048	E5	11.08
32) L7	AR-1260-2	2.490	2.176	2.345	2.697	2.849	2.511	E5	10.71
33) L7	AR-1260-3	2.329	2.062	2.209	2.504	2.656	2.352	E5	9.98
34) L7	AR-1260-4	1.996	1.760	1.901	2.130	2.204	1.998	E5	8.87
35) L7	AR-1260-5	4.527	4.117	4.347	4.711	4.887	4.518	E5	6.67
36) L8	AR-1262-1	2.694	2.383	2.529	2.939	3.140	2.737	E5	11.17
37) L8	AR-1262-2	4.957	4.586	4.765	5.293	5.600	5.040	E5	8.10
38) L8	AR-1262-3	2.027	1.811	1.913	2.216	2.318	2.057	E5	10.18
39) L8	AR-1262-4	3.774	3.451	3.603	4.080	4.263	3.835	E5	8.73
40) L8	AR-1262-5	1.857	1.672	1.749	2.016	2.081	1.875	E5	9.22
41) L9	AR-1268-1	4.721	4.151	4.358	4.929	5.193	4.670	E5	9.01
42) L9	AR-1268-2	4.279	3.830	3.989	4.451	4.656	4.241	E5	7.91
43) L9	AR-1268-3	3.680	3.295	3.433	3.841	4.069	3.664	E5	8.47
44) L9	AR-1268-4	1.651	1.435	1.508	1.719	1.909	1.645	E5	11.29
45) L9	AR-1268-5	1.190	1.071	1.111	1.225	1.274	1.174	E6	7.06

(#) = Out of Range