

Method Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\
 Method File : PP051925.M
 Title : GC EXTRACTABLES
 Last Update : Sat May 24 03:32:20 2025
 Response Via : Initial Calibration

Calibration Files

500 =PP072166.D 1000 =PP072164.D 750 =PP072165.D
 250 =PP072167.D 50 =PP072168.D

Compound		500	1000	750	250	50	Avg	%RSD	
1) SA	Tetrachloro-m-xylene	2.073	1.945	2.027	2.136	1.874	2.011	E6	5.15
2) SA	Decachlorobiphenyl	1.655	1.538	1.618	1.712	1.623	1.629	E6	3.88
3) L1	AR-1016-1	7.601	6.688	6.983	8.321	7.949	7.508	E4	8.97
4) L1	AR-1016-2	1.105	0.995	1.045	1.186	1.019	1.070	E5	7.17
5) L1	AR-1016-3	6.771	6.141	6.423	7.355	6.091	6.556	E4	7.96
6) L1	AR-1016-4	5.531	5.036	5.340	5.822	4.905	5.327	E4	6.96
7) L1	AR-1016-5	4.991	4.544	4.794	5.119	5.006	4.891	E4	4.63
8) L2	AR-1221-1	2.703	2.497	2.598	2.892	2.382	2.614	E4	7.48
9) L2	AR-1221-2	2.050	1.875	1.938	2.250	2.086	2.040	E4	7.10
10) L2	AR-1221-3	6.229	5.683	5.935	6.466	5.937	6.050	E4	5.00
11) L3	AR-1232-1	4.800	4.408	4.590	4.825	4.932	4.711	E4	4.46
12) L3	AR-1232-2	2.324	2.172	2.293	2.303	2.550	2.328	E4	5.90
13) L3	AR-1232-3	5.184	4.677	5.015	5.438	4.717	5.006	E4	6.40
14) L3	AR-1232-4	2.480	2.324	2.415	2.618	2.712	2.510	E4	6.21
15) L3	AR-1232-5	1.644	1.575	1.647	1.811	2.082	1.752	E4	11.64
16) L4	AR-1242-1	6.208	5.621	5.732	6.584	7.152	6.260	E4	10.08
17) L4	AR-1242-2	9.188	8.297	8.597	9.758	7.549	8.678	E4	9.73
18) L4	AR-1242-3	5.550	5.156	5.212	5.708	5.907	5.507	E4	5.83
19) L4	AR-1242-4	4.595	4.121	4.303	4.678	4.478	4.435	E4	5.08
20) L4	AR-1242-5	5.088	4.798	4.870	5.244	5.493	5.098	E4	5.55
21) L5	AR-1248-1	4.791	4.404	4.747	5.145	5.111	4.840	E4	6.26
22) L5	AR-1248-2	6.117	5.698	5.940	6.348	6.217	6.064	E4	4.17
23) L5	AR-1248-3	6.877	6.468	6.581	7.064	6.100	6.618	E4	5.64
24) L5	AR-1248-4	8.841	8.161	8.530	9.220	8.944	8.739	E4	4.65
25) L5	AR-1248-5	8.321	7.759	8.100	8.685	8.647	8.303	E4	4.67
26) L6	AR-1254-1	8.692	7.979	8.278	9.168	8.883	8.600	E4	5.52
27) L6	AR-1254-2	1.311	1.201	1.249	1.345	1.427	1.307	E5	6.69
28) L6	AR-1254-3	1.338	1.243	1.278	1.370	1.371	1.320	E5	4.33
29) L6	AR-1254-4	1.244	1.163	1.186	1.361	1.572	1.305	E5	12.85
30) L6	AR-1254-5	1.163	1.079	1.121	1.171	1.028	1.112	E5	5.39
31) L7	AR-1260-1	0.940	0.856	0.903	0.981	1.001	0.936	E5	6.25
32) L7	AR-1260-2	1.436	1.357	1.378	1.494	1.510	1.435	E5	4.75
33) L7	AR-1260-3	1.174	1.090	1.128	1.212	1.089	1.139	E5	4.73
34) L7	AR-1260-4	1.109	1.021	1.071	1.146	1.018	1.073	E5	5.19
35) L7	AR-1260-5	2.408	2.289	2.337	2.499	2.300	2.367	E5	3.71
36) L8	AR-1262-1	1.332					1.332	E5	0.00
37) L8	AR-1262-2	2.724					2.724	E5	0.00
38) L8	AR-1262-3	1.855					1.855	E5	0.00
39) L8	AR-1262-4	1.343					1.343	E5	0.00
40) L8	AR-1262-5	9.246					9.246	E4	0.00
41) L9	AR-1268-1	3.376	3.157	3.230	3.514	3.381	3.332	E5	4.20
42) L9	AR-1268-2	2.852	2.659	2.724	2.965	2.800	2.800	E5	4.21
43) L9	AR-1268-3	2.473	2.280	2.351	2.557	2.413	2.415	E5	4.44
44) L9	AR-1268-4	1.080	1.014	1.048	1.084	1.023	1.049	E5	3.04
45) L9	AR-1268-5	6.870	6.515	6.672	7.064	6.730	6.770	E5	3.06

Signal #2 Calibration Files

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Compound		500	1000	750	250	50	Avg	%RSD	
1) SA	Tetrachloro-m-xylene	1.594	1.548	1.584	1.640	1.627	1.598	E6	2.28
2) SA	Decachlorobiphenyl	1.093	0.920	1.045	1.164	1.071	1.059	E6	8.41
3) L1	AR-1016-1	5.963	5.453	5.885	6.452	6.962	6.143	E4	9.43
4) L1	AR-1016-2	8.529	7.977	8.615	9.245	9.528	8.779	E4	7.00
5) L1	AR-1016-3	4.733	4.264	4.635	5.099	5.096	4.765	E4	7.34

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	Compound	500	1000	750	250	50	Avg		%RSD
6)	L1 AR-1016-4	3.781	3.365	3.675	4.152	4.049	3.805	E4	8.21
7)	L1 AR-1016-5	4.911	4.379	4.774	5.370	5.478	4.982	E4	9.02
8)	L2 AR-1221-1	2.736	2.420	2.580	2.902	2.767	2.681	E4	6.93
9)	L2 AR-1221-2	2.068	1.823	1.954	2.192	2.230	2.053	E4	8.20
10)	L2 AR-1221-3	5.933	5.237	5.601	6.384	6.288	5.889	E4	8.12
11)	L3 AR-1232-1	4.529	3.762	4.059	4.767	4.556	4.334	E4	9.49
12)	L3 AR-1232-2	4.453	3.936	4.202	4.740	4.759	4.418	E4	8.00
13)	L3 AR-1232-3	2.381	2.080	2.235	2.517	2.479	2.338	E4	7.75
14)	L3 AR-1232-4	2.068	1.790	1.942	2.169	2.392	2.072	E4	11.02
15)	L3 AR-1232-5	2.253	1.947	2.124	2.422	2.831	2.315	E4	14.54
16)	L4 AR-1242-1	5.284	4.612	4.990	5.724	5.444	5.211	E4	8.20
17)	L4 AR-1242-2	7.547	6.600	7.104	8.094	7.403	7.350	E4	7.51
18)	L4 AR-1242-3	4.106	3.439	3.878	4.471	3.668	3.913	E4	10.18
19)	L4 AR-1242-4	3.883	3.215	3.685	4.319	3.689	3.758	E4	10.61
20)	L4 AR-1242-5	4.875	4.178	4.661	5.423	4.992	4.826	E4	9.46
21)	L5 AR-1248-1	4.298	3.894	3.808	4.674	4.987	4.332	E4	11.61
22)	L5 AR-1248-2	5.581	5.069	4.939	6.108	6.542	5.648	E4	12.06
23)	L5 AR-1248-3	5.830	5.361	5.194	6.401	6.768	5.911	E4	11.34
24)	L5 AR-1248-4	6.880	6.354	6.108	7.562	7.922	6.965	E4	11.09
25)	L5 AR-1248-5	6.924	6.375	6.237	7.450	7.883	6.974	E4	10.03
26)	L6 AR-1254-1	1.035	0.884	0.921	1.096	1.062	1.000	E5	9.21
27)	L6 AR-1254-2	9.015	7.516	7.881	9.379	9.363	8.631	E4	10.12
28)	L6 AR-1254-3	1.376	1.186	1.231	1.410	1.229	1.286	E5	7.74
29)	L6 AR-1254-4	9.005	7.618	7.982	9.236	8.807	8.530	E4	8.15
30)	L6 AR-1254-5	1.205	1.033	1.116	1.209	1.104	1.134	E5	6.54
31)	L7 AR-1260-1	8.037	7.224	7.531	8.484	8.600	7.975	E4	7.46
32)	L7 AR-1260-2	0.985	0.877	0.904	1.049	1.257	1.014	E5	14.95
33)	L7 AR-1260-3	8.894	7.991	8.133	9.249	9.184	8.690	E4	6.80
34)	L7 AR-1260-4	7.265	6.435	6.769	7.771	7.806	7.209	E4	8.41
35)	L7 AR-1260-5	1.776	1.613	1.669	1.875	1.747	1.736	E5	5.81
36)	L8 AR-1262-1	1.130					1.130	E5	0.00
37)	L8 AR-1262-2	9.713					9.713	E4	0.00
38)	L8 AR-1262-3	8.153					8.153	E4	0.00
39)	L8 AR-1262-4	1.406					1.406	E5	0.00
40)	L8 AR-1262-5	6.508					6.508	E4	0.00
41)	L9 AR-1268-1	2.358	2.126	2.223	2.437	2.567	2.342	E5	7.42
42)	L9 AR-1268-2	2.084	1.885	1.969	2.177	2.226	2.068	E5	6.84
43)	L9 AR-1268-3	1.747	1.552	1.610	1.767	1.793	1.694	E5	6.26
44)	L9 AR-1268-4	7.486	6.737	7.102	7.656	7.498	7.296	E4	5.11
45)	L9 AR-1268-5	4.570	4.311	4.428	4.618	4.921	4.570	E5	5.05

(#) = Out of Range