Response Factor Report ECD-P

Method Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\
Method File : PP091123.M
Title : GC EXTRACTABLES
Last Update : Tue Sep 12 04:36:26 2023
Response Via : Initial Calibration

Calibration Files
500 =PP059813.D 1000 =PP059811.D 750 =PP059812.D
250 =PP059814.D 50 =PP059815.D

	Compound	500	1000	750	250	50	Avg		%RSD
1) SA	Tetrachloro-m-xylene	1.577	1.496	1.525	1.623	1.548	1.554	E6	3.15
2) SA	Decachlorobiphenyl	1.246	1.168	1.210	1.304	1.181	1.222	E6	4.50
3) L1	AR-1016-1	5.049	4.630	4.843	5.352	5.169	5.009	E4	5.61
4) L1	AR-1016-2	7.312	6.741	6.927	7.786	7.354	7.224	E4	5.63
5) L1	AR-1016-3	4.646	4.282	4.439	4.947	4.477	4.558	E4	5.55
6) L1	AR-1016-4	3.833	3.523	3.627	4.014	3.557	3.711	E4	5.60
7) L1	AR-1016-5	3.684	3.340	3.500	3.962	3.508	3.599	E4	6.58
8) L2	AR-1221-1	1.958					1.958	E4	0.00
9) L2	AR-1221-2	1.460					1.460	E4	0.00
10) L2	AR-1221-3	4.184					4.184	E4	0.00
11) L3	AR-1232-1	3.459					3.459	E4	0.00
12) L3	AR-1232-2	1.887					1.887	E4	0.00
13) L3	AR-1232-3	3.311					3.311	E4	0.00
14) L3	AR-1232-4	1.671					1.671	E4	0.00
15) L3	AR-1232-5	1.376					1.376	E4	0.00
16) L4	AR-1242-1	4.404	4.053	4.183	4.805	4.725	4.434	E4	7.41
17) L4	AR-1242-2	6.414	5.963	6.091	6.858	6.637	6.392	E4	5.81
18) L4	AR-1242-3	4.077	3.772	3.869	4.350	3.988	4.011	E4	5.53
19) L4	AR-1242-4	3.334	3.106	3.190	3.516	3.258	3.281	E4	4.75
20) L4	AR-1242-5	3.124	2.863	2.967	3.322	2.986	3.052	E4	5.81
21) L5	AR-1248-1	3.224	2.920	3.063	3.499	3.213	3.184	E4	6.78
22) L5	AR-1248-2	4.700	4.273	4.457	4.998	4.377	4.561	E4	6.37
23) L5	AR-1248-3	5.031	4.559	4.794	5.389	5.021	4.959	E4	6.22
24) L5	AR-1248-4	4.970	4.516	4.733	5.370	5.009	4.920	E4	6.51
25) L5	AR-1248-5	4.923	4.554	4.740	5.224	4.825	4.853	E4	5.11
26) L6	AR-1254-1	5.338	4.795	5.015	5.769	5.466	5.277	E4	7.23
27) L6	AR-1254-2	7.711	6.968	7.217	8.200	8.069	7.633	E4	6.97
28) L6	AR-1254-3	7.803	7.194	7.297	8.159	8.158	7.723	E4	5.96
29) L6	AR-1254-4	5.312	4.887	4.944	5.540	5.378	5.212	E4	5.45
30) L6	AR-1254-5	6.096	5.615	5.625	6.304	5.945	5.917	E4	5.06
31) L7	AR-1260-1	6.264	5.796	5.980	6.811	6.429	6.256	E4	6.32
32) L7	AR-1260-2	7.033	6.543	6.748	7.499	7.112	6.987	E4	5.23
33) L7	AR-1260-3	5.729	5.297	5.468	6.044	5.706	5.649	E4	5.02
34) L7	AR-1260-4	6.314	5.868	6.076	6.695	6.651	6.321	E4	5.67
35) L7	AR-1260-5	1.115	1.072	1.094	1.152	1.082	1.103	E5	2.89
36) L8	AR-1262-1	7.590					7.590	E4	0.00
37) L8	AR-1262-2	1.187					1.187	E5	0.00
38) L8	AR-1262-3	8.591					8.591	E4	0.00
39) L8	AR-1262-4	6.808					6.808	E4	0.00
40) L8	AR-1262-5	4.416					4.416	E4	0.00
41) L9	AR-1268-1	1.594	1.504	1.533	1.666	1.605	1.580	E5	4.04
42) L9	AR-1268-2	1.421	1.332	1.355	1.468	1.408	1.397	E5	3.89
43) L9	AR-1268-3	1.347	1.275	1.284	1.398	1.334	1.328	E5	3.76
44) L9	AR-1268-4	4.696	4.513	4.519	4.942	4.465	4.627	E4	4.26
45) L9	AR-1268-5	4.087	3.951	3.963	4.178	3.838	4.003	E5	3.28

Signal #2 Calibration Files
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	Compound	500	1000	750	250	50	Avg		%RSD
1) SA	Tetrachloro-m-xylene	2.303	2.231	2.257	2.310	1.985	2.217	E6	6.04
2) SA	Decachlorobiphenyl	1.857	1.686	1.755	1.912	1.910	1.824	E6	5.49
3) L1	AR-1016-1	7.244	6.781	6.932	7.724	7.225	7.181	E4	5.03
4) L1	AR-1016-2	1.074	1.004	1.044	1.117	1.035	1.055	E5	4.05
5) L1	AR-1016-3	5.761	5.298	5.512	6.051	5.325	5.589	E4	5.68

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	Compound	500	1000	750	250	50	Avg		%RSD
6) L1	AR-1016-4	4.845	4.316	4.574	5.229	4.873	4.767	E4	7.20
7) L1	AR-1016-5	6.066	5.565	5.848	6.479	6.052	6.002	E4	5.58
8) L2	AR-1221-1	2.819					2.819	E4	0.00
9) L2	AR-1221-2	2.008					2.008	E4	0.00
10) L2	AR-1221-3	6.107					6.107	E4	0.00
11) L3	AR-1232-1	4.990					4.990	E4	0.00
12) L3	AR-1232-2	4.805					4.805	E4	0.00
13) L3	AR-1232-3	2.555					2.555	E4	0.00
14) L3	AR-1232-4	2.424					2.424	E4	0.00
15) L3	AR-1232-5	2.590					2.590	E4	0.00
16) L4	AR-1242-1	6.349	5.919	5.933	6.733	6.368	6.260	E4	5.46
17) L4	AR-1242-2	9.159	8.648	8.883	9.946	9.318	9.191	E4	5.38
18) L4	AR-1242-3	4.938	4.597	4.728	5.352	4.745	4.872	E4	6.05
19) L4	AR-1242-4	5.118	4.652	4.846	5.718	5.301	5.127	E4	8.06
20) L4	AR-1242-5	5.924	5.441	5.564	6.370	6.363	5.932	E4	7.32
21) L5	AR-1248-1	4.617	4.227	4.405	4.933	4.670	4.570	E4	5.88
22) L5	AR-1248-2	6.925	6.280	6.546	7.397	7.308	6.891	E4	6.97
23) L5	AR-1248-3	7.302	6.587	6.817	7.765	7.514	7.197	E4	6.78
24) L5	AR-1248-4	8.222	7.668	7.899	8.831	8.637	8.252	E4	5.91
25) L5	AR-1248-5	7.601	7.130	7.336	8.014	7.759	7.568	E4	4.59
26) L6	AR-1254-1	1.182	1.094	1.123	1.245	1.269	1.183	E5	6.40
27) L6	AR-1254-2	1.043	0.959	0.990	1.102	1.126	1.044	E5	6.82
28) L6	AR-1254-3	1.594	1.494	1.526	1.659	1.652	1.585	E5	4.66
29) L6	AR-1254-4	9.340	8.715	8.912	9.749	9.434	9.230	E4	4.50
30) L6	AR-1254-5	1.425	1.336	1.362	1.482	1.410	1.403	E5	4.07
31) L7	AR-1260-1	1.172	1.082	1.147	1.235	1.238	1.175	E5	5.56
32) L7	AR-1260-2	1.376	1.282	1.361	1.439	1.451	1.382	E5	4.92
33) L7	AR-1260-3	1.294	1.211	1.285	1.348	1.290	1.286	E5	3.82
34) L7	AR-1260-4	1.079	0.994	1.066	1.111	1.057	1.061	E5	4.05
35) L7	AR-1260-5	2.312	2.192	2.335	2.326	2.162	2.266	E5	3.61
36) L8	AR-1262-1	6.189					6.189	E4	0.00
37) L8	AR-1262-2	1.276					1.276	E5	0.00
38) L8	AR-1262-3	9.798					9.798	E4	0.00
39) L8	AR-1262-4	1.720					1.720	E5	0.00
40) L8	AR-1262-5	7.510					7.510	E4	0.00
41) L9	AR-1268-1	2.858	2.728	2.853	2.979	2.989	2.881	E5	3.72
42) L9	AR-1268-2	2.588	2.474	2.582	2.675	2.675	2.599	E5	3.19
43) L9	AR-1268-3	2.231	2.120	2.222	2.319	2.367	2.252	E5	4.24
44) L9	AR-1268-4	8.358	7.890	8.172	9.484	8.708	8.522	E4	7.21
45) L9	AR-1268-5	6.102	5.969	6.154	6.106	6.168	6.100	E5	1.29

(#) = Out of Range