Response Factor Report ECD-P

Method Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\
Method File : PP040623.M
Title : GC EXTRACTABLES
Last Update : Fri Apr 07 04:14:17 2023
Response Via : Initial Calibration

Calibration Files
500 =PP056669.D 1000 =PP056667.D 750 =PP056668.D
250 =PP056670.D 50 =PP056671.D

	Compound	500	1000	750	250	50	Avg		%RSD
1) SA	Tetrachloro-m-xylene	2.204	2.145	2.160	2.207	2.027	2.149	E6	3.40
2) SA	Decachlorobiphenyl	1.344	1.276	1.288	1.384	1.252	1.309	E6	4.13
3) L1	AR-1016-1	6.202	5.780	5.874	6.502	6.341	6.140	E4	4.99
4) L1	AR-1016-2	8.994	8.490	8.606	9.324	9.175	8.918	E4	4.03
5) L1	AR-1016-3	5.701	5.281	5.395	6.054	5.916	5.669	E4	5.82
6) L1	AR-1016-4	4.530	4.210	4.299	4.782	4.569	4.478	E4	5.09
7) L1	AR-1016-5	4.716	4.363	4.484	5.090	4.790	4.689	E4	6.03
8) L2	AR-1221-1	2.638					2.638	E4	0.00
9) L2	AR-1221-2	1.943					1.943	E4	0.00
10) L2	AR-1221-3	5.697					5.697	E4	0.00
11) L3	AR-1232-1	4.816					4.816	E4	0.00
12) L3	AR-1232-2	2.498					2.498	E4	0.00
13) L3	AR-1232-3	4.032					4.032	E4	0.00
14) L3	AR-1232-4	2.015					2.015	E4	0.00
15) L3	AR-1232-5	1.758					1.758	E4	0.00
16) L4	AR-1242-1	5.003	4.714	4.857	5.303	5.267	5.029	E4	5.08
17) L4	AR-1242-2	7.333	6.966	7.077	7.601	7.434	7.282	E4	3.56
18) L4	AR-1242-3	4.605	4.315	4.454	4.913	4.622	4.582	E4	4.87
19) L4	AR-1242-4	3.653	3.439	3.549	3.840	3.560	3.608	E4	4.16
20) L4	AR-1242-5	3.365	3.161	3.231	3.542	3.298	3.319	E4	4.39
21) L5	AR-1248-1	3.756	3.570	3.553	3.999	3.881	3.752	E4	5.16
22) L5	AR-1248-2	5.886	5.529	5.557	6.297	6.178	5.889	E4	5.93
23) L5	AR-1248-3	6.400	6.055	6.051	6.753	6.597	6.371	E4	4.96
24) L5	AR-1248-4	5.850	5.622	5.563	6.127	5.875	5.807	E4	3.87
25) L5	AR-1248-5	5.710	5.467	5.432	5.985	5.649	5.649	E4	3.93
26) L6	AR-1254-1	7.080	6.457	6.901	7.448	7.566	7.091	E4	6.27
27) L6	AR-1254-2	1.014	0.933	0.979	1.067	1.077	1.014	E5	5.93
28) L6	AR-1254-3	0.976	0.912	0.949	1.013	0.997	0.969	E5	4.11
29) L6	AR-1254-4	6.173	5.729	5.977	6.430	6.208	6.103	E4	4.33
30) L6	AR-1254-5	6.903	6.480	6.706	7.120	6.862	6.814	E4	3.50
31) L7	AR-1260-1	8.286	7.726	7.851	8.574	8.263	8.140	E4	4.25
32) L7	AR-1260-2	8.725	8.233	8.299	8.997	8.405	8.532	E4	3.77
33) L7	AR-1260-3	7.078	6.685	6.741	7.260	7.154	6.984	E4	3.67
34) L7	AR-1260-4	7.806	7.443	7.461	8.061	7.378	7.630	E4	3.84
35) L7	AR-1260-5	1.307	1.275	1.262	1.308	1.177	1.266	E5	4.24
36) L8	AR-1262-1	8.808					8.808	E4	0.00
37) L8	AR-1262-2	1.295					1.295	E5	0.00
38) L8	AR-1262-3	9.211					9.211	E4	0.00
39) L8	AR-1262-4	4.541					4.541	E4	0.00
40) L8	AR-1262-5	4.017					4.017	E4	0.00
41) L9	AR-1268-1	1.885	1.855	1.882	1.946	1.746	1.863	E5	3.93
42) L9	AR-1268-2	1.660	1.625	1.646	1.697	1.669	1.659	E5	1.63
43) L9	AR-1268-3	1.609	1.570	1.594	1.657	1.525	1.591	E5	3.06
44) L9	AR-1268-4	4.763	4.657	4.760	4.875	4.159	4.643	E4	6.06
45) L9	AR-1268-5	4.361	4.361	4.381	4.409	3.962	4.295	E5	4.36

Signal #2 Calibration Files
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	Compound	500	1000	750	250	50	Avg		%RSD
1) SA	Tetrachloro-m-xylene	1.785	1.720	1.746	1.827	1.619	1.739	E6	4.51
2) SA	Decachlorobiphenyl	1.586	1.481	1.497	1.663	1.634	1.572	E6	5.15
3) L1	AR-1016-1	5.385	4.923	5.073	5.722	5.527	5.326	E4	6.13
4) L1	AR-1016-2	7.486	7.074	7.168	7.871	7.478	7.415	E4	4.23
5) L1	AR-1016-3	4.121	3.814	3.925	4.374	3.888	4.024	E4	5.61

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	Compound	500	1000	750	250	50	Avg		%RSD
6) L1	AR-1016-4	3.682	3.340	3.467	4.003	3.625	3.624	E4	6.93
7) L1	AR-1016-5	4.737	4.352	4.509	5.113	4.769	4.696	E4	6.15
8) L2	AR-1221-1	2.190					2.190	E4	0.00
9) L2	AR-1221-2	1.643					1.643	E4	0.00
10) L2	AR-1221-3	4.903					4.903	E4	0.00
11) L3	AR-1232-1	4.114					4.114	E4	0.00
12) L3	AR-1232-2	3.427					3.427	E4	0.00
13) L3	AR-1232-3	1.840					1.840	E4	0.00
14) L3	AR-1232-4	1.916					1.916	E4	0.00
15) L3	AR-1232-5	2.126					2.126	E4	0.00
16) L4	AR-1242-1	4.387	4.042	4.152	4.667	4.258	4.301	E4	5.61
17) L4	AR-1242-2	6.055	5.689	5.834	6.409	5.764	5.950	E4	4.89
18) L4	AR-1242-3	3.337	3.107	3.189	3.522	2.976	3.226	E4	6.54
19) L4	AR-1242-4	3.739	3.389	3.524	3.997	3.568	3.644	E4	6.42
20) L4	AR-1242-5	4.063	3.767	3.884	4.364	3.859	3.987	E4	5.92
21) L5	AR-1248-1	3.349	3.113	3.121	3.582	3.293	3.292	E4	5.86
22) L5	AR-1248-2	5.206	4.768	4.808	5.613	5.376	5.154	E4	7.07
23) L5	AR-1248-3	5.436	4.994	5.028	5.848	5.535	5.368	E4	6.71
24) L5	AR-1248-4	6.297	5.861	5.797	6.596	6.386	6.188	E4	5.58
25) L5	AR-1248-5	5.235	4.957	4.947	5.480	5.054	5.134	E4	4.38
26) L6	AR-1254-1	9.237	8.363	8.849	9.792	9.817	9.212	E4	6.77
27) L6	AR-1254-2	8.051	7.270	7.692	8.593	8.578	8.037	E4	7.12
28) L6	AR-1254-3	1.249	1.149	1.206	1.310	1.267	1.236	E5	4.96
29) L6	AR-1254-4	6.512	5.849	6.203	6.839	6.375	6.356	E4	5.78
30) L6	AR-1254-5	1.035	0.942	0.994	1.112	1.174	1.051	E5	8.81
31) L7	AR-1260-1	0.960	0.887	0.905	1.021	1.010	0.956	E5	6.29
32) L7	AR-1260-2	1.038	0.961	0.972	1.096	1.097	1.033	E5	6.28
33) L7	AR-1260-3	1.037	0.969	0.985	1.088	1.106	1.037	E5	5.86
34) L7	AR-1260-4	8.565	7.994	8.065	9.013	9.068	8.541	E4	5.93
35) L7	AR-1260-5	1.607	1.553	1.538	1.633	1.582	1.583	E5	2.46
36) L8	AR-1262-1	4.679					4.679	E4	0.00
37) L8	AR-1262-2	9.781					9.781	E4	0.00
38) L8	AR-1262-3	6.641					6.641	E4	0.00
39) L8	AR-1262-4	1.179					1.179	E5	0.00
40) L8	AR-1262-5	4.874					4.874	E4	0.00
41) L9	AR-1268-1	2.184	2.140	2.183	2.301	2.276	2.217	E5	3.09
42) L9	AR-1268-2	1.910	1.894	1.931	2.016	1.960	1.942	E5	2.47
43) L9	AR-1268-3	1.960	1.904	1.953	2.055	2.038	1.982	E5	3.17
44) L9	AR-1268-4	5.806	5.492	5.641	6.165	5.818	5.784	E4	4.35
45) L9	AR-1268-5	5.082	5.042	5.075	5.207	4.985	5.078	E5	1.60

(#) = Out of Range