

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE091019\  
 Data File : FE030426.D  
 Signal(s) : FID1B.CH  
 Acq On : 11 Sep 2019 9:31  
 Sample : K4789-05  
 Misc :  
 ALS Vial : 64 Sample Multiplier: 1

Integration File: sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\C44-FE090819.M  
 Title :

Signal : FID1B.CH

| peak<br># | R.T.<br>min | Start<br>min | End<br>min | PK<br>TY | peak<br>height | peak<br>area | peak<br>% max. | % of<br>total |
|-----------|-------------|--------------|------------|----------|----------------|--------------|----------------|---------------|
| 1         | 2.375       | 2.329        | 2.547      | BV       | 80             | 320          | 0.01%          | 0.001%        |
| 2         | 2.570       | 2.547        | 2.646      | PV       | 941            | 30657        | 0.89%          | 0.078%        |
| 3         | 2.654       | 2.646        | 2.746      | VV       | 270            | 8648         | 0.25%          | 0.022%        |
| 4         | 2.755       | 2.746        | 2.793      | VV       | 149            | 2827         | 0.08%          | 0.007%        |
| 5         | 2.802       | 2.793        | 2.830      | VV       | 183            | 2175         | 0.06%          | 0.006%        |
| 6         | 2.842       | 2.830        | 2.882      | VV       | 152            | 3256         | 0.09%          | 0.008%        |
| 7         | 2.934       | 2.882        | 2.945      | PV       | 231            | 5251         | 0.15%          | 0.013%        |
| 8         | 2.956       | 2.945        | 3.002      | VV       | 242            | 4367         | 0.13%          | 0.011%        |
| 9         | 3.058       | 3.002        | 3.084      | VV       | 263            | 7798         | 0.23%          | 0.020%        |
| 10        | 3.100       | 3.084        | 3.162      | VV       | 192            | 7734         | 0.22%          | 0.020%        |
| 11        | 3.172       | 3.162        | 3.258      | VV       | 192            | 8822         | 0.26%          | 0.023%        |
| 12        | 3.285       | 3.258        | 3.307      | PV       | 286            | 5108         | 0.15%          | 0.013%        |
| 13        | 3.321       | 3.307        | 3.345      | VV       | 219            | 3413         | 0.10%          | 0.009%        |
| 14        | 3.381       | 3.345        | 3.418      | VV       | 236            | 5455         | 0.16%          | 0.014%        |
| 15        | 3.439       | 3.418        | 3.488      | VV       | 297            | 8469         | 0.25%          | 0.022%        |
| 16        | 3.513       | 3.488        | 3.535      | VV       | 273            | 5288         | 0.15%          | 0.013%        |
| 17        | 3.564       | 3.535        | 3.575      | VV       | 377            | 6318         | 0.18%          | 0.016%        |
| 18        | 3.582       | 3.575        | 3.617      | VV       | 339            | 4597         | 0.13%          | 0.012%        |
| 19        | 3.686       | 3.617        | 3.713      | VV       | 758            | 14685        | 0.43%          | 0.037%        |
| 20        | 3.733       | 3.713        | 3.824      | VV       | 306            | 8401         | 0.24%          | 0.021%        |
| 21        | 3.837       | 3.824        | 3.871      | VV       | 165            | 3182         | 0.09%          | 0.008%        |
| 22        | 3.889       | 3.871        | 3.909      | PV       | 196            | 3115         | 0.09%          | 0.008%        |
| 23        | 3.916       | 3.909        | 3.929      | VV       | 213            | 1914         | 0.06%          | 0.005%        |
| 24        | 3.939       | 3.929        | 3.960      | VV       | 255            | 2416         | 0.07%          | 0.006%        |
| 25        | 3.976       | 3.960        | 3.993      | VV       | 236            | 2562         | 0.07%          | 0.007%        |
| 26        | 3.998       | 3.993        | 4.018      | VV       | 133            | 1077         | 0.03%          | 0.003%        |
| 27        | 4.026       | 4.018        | 4.032      | VV       | 115            | 486          | 0.01%          | 0.001%        |
| 28        | 4.093       | 4.032        | 4.109      | VV       | 245            | 7328         | 0.21%          | 0.019%        |
| 29        | 4.133       | 4.109        | 4.215      | VV       | 249            | 12895        | 0.37%          | 0.033%        |
| 30        | 4.228       | 4.215        | 4.272      | VV       | 238            | 5872         | 0.17%          | 0.015%        |
| 31        | 4.278       | 4.272        | 4.288      | VV       | 219            | 1358         | 0.04%          | 0.003%        |
| 32        | 4.315       | 4.288        | 4.325      | VV       | 197            | 3209         | 0.09%          | 0.008%        |
| 33        | 4.336       | 4.325        | 4.352      | VV       | 233            | 2511         | 0.07%          | 0.006%        |
| 34        | 4.484       | 4.352        | 4.536      | VV       | 1877           | 153950       | 4.47%          | 0.393%        |
| 35        | 4.550       | 4.536        | 4.565      | VV       | 1768           | 29368        | 0.85%          | 0.075%        |
| 36        | 4.578       | 4.565        | 4.615      | VV       | 1782           | 48937        | 1.42%          | 0.125%        |

|    |       |       |       |    | rteres |       |       |        |
|----|-------|-------|-------|----|--------|-------|-------|--------|
| 37 | 4.620 | 4.615 | 4.655 | VV | 1643   | 37544 | 1.09% | 0.096% |
| 38 | 4.665 | 4.655 | 4.725 | VV | 1672   | 63643 | 1.85% | 0.162% |
| 39 | 4.737 | 4.725 | 4.845 | VV | 1450   | 92918 | 2.70% | 0.237% |
| 40 | 4.853 | 4.845 | 4.877 | VV | 1175   | 20668 | 0.60% | 0.053% |
|    |       |       |       |    |        |       |       |        |
| 41 | 4.885 | 4.877 | 4.947 | VV | 1121   | 40913 | 1.19% | 0.104% |
| 42 | 4.963 | 4.947 | 4.977 | VV | 956    | 16193 | 0.47% | 0.041% |
| 43 | 4.984 | 4.977 | 5.027 | VV | 873    | 24343 | 0.71% | 0.062% |
| 44 | 5.036 | 5.027 | 5.049 | VV | 816    | 10373 | 0.30% | 0.026% |
| 45 | 5.069 | 5.049 | 5.078 | VV | 791    | 13291 | 0.39% | 0.034% |
|    |       |       |       |    |        |       |       |        |
| 46 | 5.087 | 5.078 | 5.147 | VV | 777    | 27867 | 0.81% | 0.071% |
| 47 | 5.158 | 5.147 | 5.177 | VV | 702    | 11392 | 0.33% | 0.029% |
| 48 | 5.185 | 5.177 | 5.219 | VV | 629    | 14948 | 0.43% | 0.038% |
| 49 | 5.270 | 5.219 | 5.292 | VV | 604    | 23628 | 0.69% | 0.060% |
| 50 | 5.311 | 5.292 | 5.349 | VV | 547    | 15933 | 0.46% | 0.041% |
|    |       |       |       |    |        |       |       |        |
| 51 | 5.378 | 5.349 | 5.473 | VV | 500    | 28978 | 0.84% | 0.074% |
| 52 | 5.483 | 5.473 | 5.508 | VV | 396    | 7334  | 0.21% | 0.019% |
| 53 | 5.519 | 5.508 | 5.545 | VV | 452    | 9028  | 0.26% | 0.023% |
| 54 | 5.555 | 5.545 | 5.579 | VV | 424    | 6601  | 0.19% | 0.017% |
| 55 | 5.586 | 5.579 | 5.603 | VV | 387    | 3976  | 0.12% | 0.010% |
|    |       |       |       |    |        |       |       |        |
| 56 | 5.612 | 5.603 | 5.649 | VV | 348    | 7146  | 0.21% | 0.018% |
| 57 | 5.660 | 5.649 | 5.672 | VV | 340    | 3803  | 0.11% | 0.010% |
| 58 | 5.715 | 5.672 | 5.755 | VV | 402    | 15593 | 0.45% | 0.040% |
| 59 | 5.766 | 5.755 | 5.775 | VV | 379    | 3994  | 0.12% | 0.010% |
| 60 | 5.807 | 5.775 | 5.879 | VV | 522    | 24249 | 0.70% | 0.062% |
|    |       |       |       |    |        |       |       |        |
| 61 | 5.888 | 5.879 | 5.896 | VV | 373    | 3221  | 0.09% | 0.008% |
| 62 | 5.904 | 5.896 | 5.911 | VV | 351    | 2683  | 0.08% | 0.007% |
| 63 | 5.922 | 5.911 | 5.970 | VV | 435    | 11744 | 0.34% | 0.030% |
| 64 | 6.025 | 5.970 | 6.082 | VV | 4388   | 57684 | 1.67% | 0.147% |
| 65 | 6.100 | 6.082 | 6.115 | VV | 283    | 4787  | 0.14% | 0.012% |
|    |       |       |       |    |        |       |       |        |
| 66 | 6.131 | 6.115 | 6.160 | VV | 248    | 5536  | 0.16% | 0.014% |
| 67 | 6.192 | 6.160 | 6.207 | VV | 300    | 5779  | 0.17% | 0.015% |
| 68 | 6.228 | 6.207 | 6.237 | VV | 343    | 4207  | 0.12% | 0.011% |
| 69 | 6.247 | 6.237 | 6.274 | VV | 316    | 5712  | 0.17% | 0.015% |
| 70 | 6.285 | 6.274 | 6.305 | VV | 314    | 4426  | 0.13% | 0.011% |
|    |       |       |       |    |        |       |       |        |
| 71 | 6.333 | 6.305 | 6.349 | VV | 297    | 6404  | 0.19% | 0.016% |
| 72 | 6.356 | 6.349 | 6.458 | VV | 320    | 15093 | 0.44% | 0.039% |
| 73 | 6.494 | 6.458 | 6.514 | VV | 285    | 5626  | 0.16% | 0.014% |
| 74 | 6.522 | 6.514 | 6.699 | VV | 250    | 18557 | 0.54% | 0.047% |
| 75 | 6.705 | 6.699 | 6.749 | VV | 215    | 4392  | 0.13% | 0.011% |
|    |       |       |       |    |        |       |       |        |
| 76 | 6.756 | 6.749 | 6.766 | VV | 192    | 1568  | 0.05% | 0.004% |
| 77 | 6.778 | 6.766 | 6.799 | VV | 198    | 2349  | 0.07% | 0.006% |
| 78 | 6.823 | 6.799 | 6.842 | VV | 148    | 2462  | 0.07% | 0.006% |
| 79 | 6.856 | 6.842 | 6.869 | VV | 158    | 1945  | 0.06% | 0.005% |
| 80 | 6.872 | 6.869 | 6.884 | VV | 206    | 1176  | 0.03% | 0.003% |
|    |       |       |       |    |        |       |       |        |
| 81 | 6.907 | 6.884 | 6.921 | VV | 284    | 3521  | 0.10% | 0.009% |
| 82 | 6.943 | 6.921 | 7.002 | VV | 687    | 14819 | 0.43% | 0.038% |
| 83 | 7.022 | 7.002 | 7.052 | VV | 438    | 7199  | 0.21% | 0.018% |
| 84 | 7.063 | 7.052 | 7.072 | VV | 165    | 1310  | 0.04% | 0.003% |
| 85 | 7.106 | 7.072 | 7.116 | VV | 227    | 3580  | 0.10% | 0.009% |
|    |       |       |       |    |        |       |       |        |
| 86 | 7.125 | 7.116 | 7.148 | VV | 120    | 1955  | 0.06% | 0.005% |
| 87 | 7.173 | 7.148 | 7.199 | VV | 193    | 3436  | 0.10% | 0.009% |
| 88 | 7.217 | 7.199 | 7.255 | VV | 155    | 3159  | 0.09% | 0.008% |
| 89 | 7.279 | 7.255 | 7.302 | VV | 361    | 4502  | 0.13% | 0.011% |

|     |        |        |        |    |        |        |        |        |
|-----|--------|--------|--------|----|--------|--------|--------|--------|
|     |        |        |        |    | rteres |        |        |        |
| 90  | 7.378  | 7.302  | 7.409  | VV | 337    | 12263  | 0.36%  | 0.031% |
| 91  | 7.423  | 7.409  | 7.432  | VV | 297    | 2653   | 0.08%  | 0.007% |
| 92  | 7.439  | 7.432  | 7.449  | VV | 248    | 1765   | 0.05%  | 0.005% |
| 93  | 7.464  | 7.449  | 7.477  | VV | 259    | 3087   | 0.09%  | 0.008% |
| 94  | 7.492  | 7.477  | 7.514  | VV | 283    | 4890   | 0.14%  | 0.012% |
| 95  | 7.538  | 7.514  | 7.622  | VV | 776    | 24487  | 0.71%  | 0.062% |
| 96  | 7.637  | 7.622  | 7.679  | VV | 510    | 8543   | 0.25%  | 0.022% |
| 97  | 7.684  | 7.679  | 7.689  | VV | 193    | 872    | 0.03%  | 0.002% |
| 98  | 7.697  | 7.689  | 7.701  | VV | 163    | 1111   | 0.03%  | 0.003% |
| 99  | 7.725  | 7.701  | 7.802  | VV | 657    | 20297  | 0.59%  | 0.052% |
| 100 | 7.816  | 7.802  | 7.842  | VV | 256    | 4082   | 0.12%  | 0.010% |
| 101 | 7.872  | 7.842  | 7.899  | PV | 184    | 3993   | 0.12%  | 0.010% |
| 102 | 7.926  | 7.899  | 7.956  | VV | 248    | 4886   | 0.14%  | 0.012% |
| 103 | 7.971  | 7.956  | 8.005  | VV | 238    | 2716   | 0.08%  | 0.007% |
| 104 | 8.034  | 8.005  | 8.047  | VV | 344    | 5740   | 0.17%  | 0.015% |
| 105 | 8.053  | 8.047  | 8.065  | VV | 288    | 2427   | 0.07%  | 0.006% |
| 106 | 8.119  | 8.065  | 8.190  | VV | 1716   | 56679  | 1.64%  | 0.145% |
| 107 | 8.198  | 8.190  | 8.232  | VV | 297    | 5242   | 0.15%  | 0.013% |
| 108 | 8.291  | 8.232  | 8.412  | VV | 7277   | 435627 | 12.64% | 1.111% |
| 109 | 8.421  | 8.412  | 8.465  | VV | 3237   | 81644  | 2.37%  | 0.208% |
| 110 | 8.475  | 8.465  | 8.512  | VV | 2067   | 50966  | 1.48%  | 0.130% |
| 111 | 8.540  | 8.512  | 8.592  | VV | 1986   | 70428  | 2.04%  | 0.180% |
| 112 | 8.598  | 8.592  | 8.621  | VV | 1182   | 18945  | 0.55%  | 0.048% |
| 113 | 8.639  | 8.621  | 8.682  | VV | 1399   | 36426  | 1.06%  | 0.093% |
| 114 | 8.699  | 8.682  | 8.742  | VV | 786    | 23592  | 0.68%  | 0.060% |
| 115 | 8.766  | 8.742  | 8.789  | VV | 743    | 16533  | 0.48%  | 0.042% |
| 116 | 8.795  | 8.789  | 8.830  | VV | 606    | 12586  | 0.37%  | 0.032% |
| 117 | 8.862  | 8.830  | 8.909  | VV | 1227   | 35909  | 1.04%  | 0.092% |
| 118 | 8.935  | 8.909  | 8.998  | VV | 1556   | 40403  | 1.17%  | 0.103% |
| 119 | 9.008  | 8.998  | 9.032  | VV | 522    | 8183   | 0.24%  | 0.021% |
| 120 | 9.054  | 9.032  | 9.084  | VV | 418    | 9001   | 0.26%  | 0.023% |
| 121 | 9.100  | 9.084  | 9.133  | VV | 468    | 8106   | 0.24%  | 0.021% |
| 122 | 9.153  | 9.133  | 9.179  | VV | 267    | 5170   | 0.15%  | 0.013% |
| 123 | 9.186  | 9.179  | 9.194  | VV | 200    | 1779   | 0.05%  | 0.005% |
| 124 | 9.211  | 9.194  | 9.248  | VV | 321    | 6707   | 0.19%  | 0.017% |
| 125 | 9.276  | 9.248  | 9.290  | VV | 372    | 5807   | 0.17%  | 0.015% |
| 126 | 9.305  | 9.290  | 9.335  | VV | 440    | 7684   | 0.22%  | 0.020% |
| 127 | 9.350  | 9.335  | 9.362  | VV | 406    | 4913   | 0.14%  | 0.013% |
| 128 | 9.365  | 9.362  | 9.413  | VV | 336    | 5506   | 0.16%  | 0.014% |
| 129 | 9.435  | 9.413  | 9.472  | VV | 382    | 6160   | 0.18%  | 0.016% |
| 130 | 9.488  | 9.472  | 9.514  | VV | 245    | 3893   | 0.11%  | 0.010% |
| 131 | 9.535  | 9.514  | 9.576  | VV | 2579   | 33270  | 0.97%  | 0.085% |
| 132 | 9.607  | 9.576  | 9.616  | VV | 363    | 7123   | 0.21%  | 0.018% |
| 133 | 9.653  | 9.616  | 9.685  | VV | 710    | 19596  | 0.57%  | 0.050% |
| 134 | 9.709  | 9.685  | 9.749  | VV | 1982   | 38813  | 1.13%  | 0.099% |
| 135 | 9.764  | 9.749  | 9.843  | VV | 1545   | 34893  | 1.01%  | 0.089% |
| 136 | 9.852  | 9.843  | 9.865  | VV | 250    | 2711   | 0.08%  | 0.007% |
| 137 | 9.881  | 9.865  | 9.895  | VV | 374    | 5014   | 0.15%  | 0.013% |
| 138 | 9.920  | 9.895  | 9.933  | VV | 263    | 5209   | 0.15%  | 0.013% |
| 139 | 9.967  | 9.933  | 10.001 | VV | 193    | 5442   | 0.16%  | 0.014% |
| 140 | 10.044 | 10.001 | 10.062 | PV | 650    | 10320  | 0.30%  | 0.026% |
| 141 | 10.088 | 10.062 | 10.132 | VV | 953    | 21090  | 0.61%  | 0.054% |

|     |        |        |        |    | rteres |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 142 | 10.171 | 10.132 | 10.205 | VV | 815    | 18896   | 0.55%  | 0.048% |
| 143 | 10.220 | 10.205 | 10.255 | VV | 605    | 12915   | 0.37%  | 0.033% |
| 144 | 10.268 | 10.255 | 10.287 | VV | 383    | 5962    | 0.17%  | 0.015% |
| 145 | 10.301 | 10.287 | 10.331 | VV | 411    | 6567    | 0.19%  | 0.017% |
| 146 | 10.378 | 10.331 | 10.388 | VV | 543    | 12767   | 0.37%  | 0.033% |
| 147 | 10.408 | 10.388 | 10.423 | VV | 855    | 14616   | 0.42%  | 0.037% |
| 148 | 10.442 | 10.423 | 10.479 | VV | 1696   | 30915   | 0.90%  | 0.079% |
| 149 | 10.501 | 10.479 | 10.531 | VV | 964    | 21801   | 0.63%  | 0.056% |
| 150 | 10.554 | 10.531 | 10.585 | VV | 1194   | 21275   | 0.62%  | 0.054% |
| 151 | 10.616 | 10.585 | 10.635 | VV | 417    | 9668    | 0.28%  | 0.025% |
| 152 | 10.691 | 10.635 | 10.709 | VV | 495    | 18150   | 0.53%  | 0.046% |
| 153 | 10.730 | 10.709 | 10.797 | VV | 594    | 23635   | 0.69%  | 0.060% |
| 154 | 10.810 | 10.797 | 10.839 | VV | 535    | 10294   | 0.30%  | 0.026% |
| 155 | 10.853 | 10.839 | 10.876 | VV | 433    | 6325    | 0.18%  | 0.016% |
| 156 | 10.905 | 10.876 | 10.927 | VV | 355    | 7819    | 0.23%  | 0.020% |
| 157 | 10.948 | 10.927 | 11.025 | VV | 621    | 20531   | 0.60%  | 0.052% |
| 158 | 11.084 | 11.025 | 11.109 | VV | 703    | 20683   | 0.60%  | 0.053% |
| 159 | 11.140 | 11.109 | 11.200 | VV | 2006   | 40275   | 1.17%  | 0.103% |
| 160 | 11.230 | 11.200 | 11.278 | VV | 1577   | 34266   | 0.99%  | 0.087% |
| 161 | 11.298 | 11.278 | 11.315 | VV | 537    | 8680    | 0.25%  | 0.022% |
| 162 | 11.351 | 11.315 | 11.366 | VV | 1256   | 21962   | 0.64%  | 0.056% |
| 163 | 11.381 | 11.366 | 11.415 | VV | 1459   | 23546   | 0.68%  | 0.060% |
| 164 | 11.444 | 11.415 | 11.481 | VV | 425    | 11677   | 0.34%  | 0.030% |
| 165 | 11.492 | 11.481 | 11.507 | VV | 211    | 1953    | 0.06%  | 0.005% |
| 166 | 11.537 | 11.507 | 11.559 | PV | 649    | 10152   | 0.29%  | 0.026% |
| 167 | 11.571 | 11.559 | 11.583 | VV | 554    | 6688    | 0.19%  | 0.017% |
| 168 | 11.613 | 11.583 | 11.709 | VV | 1872   | 61707   | 1.79%  | 0.157% |
| 169 | 11.737 | 11.709 | 11.760 | VV | 324    | 7506    | 0.22%  | 0.019% |
| 170 | 11.808 | 11.760 | 11.829 | VV | 1783   | 28134   | 0.82%  | 0.072% |
| 171 | 11.889 | 11.829 | 11.944 | VV | 881    | 34700   | 1.01%  | 0.089% |
| 172 | 11.964 | 11.944 | 11.992 | VV | 668    | 15389   | 0.45%  | 0.039% |
| 173 | 12.029 | 11.992 | 12.051 | VV | 1195   | 29906   | 0.87%  | 0.076% |
| 174 | 12.072 | 12.051 | 12.089 | VV | 1431   | 26460   | 0.77%  | 0.067% |
| 175 | 12.108 | 12.089 | 12.344 | VV | 62119  | 1420220 | 41.20% | 3.623% |
| 176 | 12.371 | 12.344 | 12.418 | VV | 1747   | 61873   | 1.79%  | 0.158% |
| 177 | 12.444 | 12.418 | 12.492 | VV | 3897   | 77408   | 2.25%  | 0.197% |
| 178 | 12.518 | 12.492 | 12.569 | VV | 2152   | 57994   | 1.68%  | 0.148% |
| 179 | 12.591 | 12.569 | 12.605 | VV | 850    | 17282   | 0.50%  | 0.044% |
| 180 | 12.630 | 12.605 | 12.650 | VV | 1103   | 23813   | 0.69%  | 0.061% |
| 181 | 12.662 | 12.650 | 12.677 | VV | 1010   | 14006   | 0.41%  | 0.036% |
| 182 | 12.697 | 12.677 | 12.720 | VV | 1353   | 28895   | 0.84%  | 0.074% |
| 183 | 12.737 | 12.720 | 12.752 | VV | 1305   | 22841   | 0.66%  | 0.058% |
| 184 | 12.764 | 12.752 | 12.778 | VV | 1130   | 15876   | 0.46%  | 0.040% |
| 185 | 12.813 | 12.778 | 12.822 | VV | 2038   | 42277   | 1.23%  | 0.108% |
| 186 | 12.856 | 12.822 | 12.874 | VV | 2946   | 71449   | 2.07%  | 0.182% |
| 187 | 12.885 | 12.874 | 12.919 | VV | 2348   | 50500   | 1.47%  | 0.129% |
| 188 | 12.933 | 12.919 | 12.976 | VV | 1295   | 39058   | 1.13%  | 0.100% |
| 189 | 12.994 | 12.976 | 13.028 | VV | 1002   | 28291   | 0.82%  | 0.072% |
| 190 | 13.058 | 13.028 | 13.087 | VV | 4479   | 79819   | 2.32%  | 0.204% |
| 191 | 13.122 | 13.087 | 13.145 | VV | 2013   | 64612   | 1.87%  | 0.165% |
| 192 | 13.214 | 13.145 | 13.325 | VV | 3148   | 244700  | 7.10%  | 0.624% |
| 193 | 13.344 | 13.325 | 13.424 | VV | 9352   | 314300  | 9.12%  | 0.802% |
| 194 | 13.438 | 13.424 | 13.462 | VV | 3087   | 60330   | 1.75%  | 0.154% |

|     |        |        |        |    |        |         |         |        |
|-----|--------|--------|--------|----|--------|---------|---------|--------|
|     |        |        |        |    | rteres |         |         |        |
| 195 | 13.475 | 13.462 | 13.575 | VV | 2103   | 107271  | 3.11%   | 0.274% |
| 196 | 13.611 | 13.575 | 13.623 | VV | 1901   | 41660   | 1.21%   | 0.106% |
| 197 | 13.641 | 13.623 | 13.679 | VV | 4125   | 68471   | 1.99%   | 0.175% |
| 198 | 13.689 | 13.679 | 13.778 | VV | 1063   | 47340   | 1.37%   | 0.121% |
| 199 | 13.788 | 13.778 | 13.799 | VV | 659    | 7768    | 0.23%   | 0.020% |
| 200 | 13.817 | 13.799 | 13.829 | VV | 672    | 11724   | 0.34%   | 0.030% |
| 201 | 13.876 | 13.829 | 13.889 | VV | 803    | 24755   | 0.72%   | 0.063% |
| 202 | 13.911 | 13.889 | 13.936 | VV | 2010   | 34257   | 0.99%   | 0.087% |
| 203 | 13.948 | 13.936 | 13.983 | VV | 781    | 18124   | 0.53%   | 0.046% |
| 204 | 14.003 | 13.983 | 14.020 | VV | 909    | 14223   | 0.41%   | 0.036% |
| 205 | 14.057 | 14.020 | 14.124 | VV | 4131   | 102813  | 2.98%   | 0.262% |
| 206 | 14.139 | 14.124 | 14.179 | VV | 768    | 15424   | 0.45%   | 0.039% |
| 207 | 14.204 | 14.179 | 14.245 | VV | 3818   | 45860   | 1.33%   | 0.117% |
| 208 | 14.264 | 14.245 | 14.297 | VV | 574    | 11177   | 0.32%   | 0.029% |
| 209 | 14.326 | 14.297 | 14.349 | VV | 838    | 16337   | 0.47%   | 0.042% |
| 210 | 14.359 | 14.349 | 14.365 | VV | 511    | 4480    | 0.13%   | 0.011% |
| 211 | 14.392 | 14.365 | 14.455 | VV | 1430   | 46259   | 1.34%   | 0.118% |
| 212 | 14.477 | 14.455 | 14.491 | VV | 680    | 11847   | 0.34%   | 0.030% |
| 213 | 14.542 | 14.491 | 14.597 | VV | 291260 | 3447077 | 100.00% | 8.793% |
| 214 | 14.612 | 14.597 | 14.688 | VV | 1991   | 52499   | 1.52%   | 0.134% |
| 215 | 14.743 | 14.688 | 14.786 | VV | 6484   | 112750  | 3.27%   | 0.288% |
| 216 | 14.806 | 14.786 | 14.853 | VV | 1103   | 19407   | 0.56%   | 0.050% |
| 217 | 14.867 | 14.853 | 14.875 | PV | 175    | 1588    | 0.05%   | 0.004% |
| 218 | 14.897 | 14.875 | 14.917 | VV | 246    | 3822    | 0.11%   | 0.010% |
| 219 | 14.937 | 14.917 | 14.999 | VV | 332    | 4265    | 0.12%   | 0.011% |
| 220 | 15.078 | 14.999 | 15.105 | PV | 1543   | 44475   | 1.29%   | 0.113% |
| 221 | 15.134 | 15.105 | 15.240 | VV | 78654  | 1250131 | 36.27%  | 3.189% |
| 222 | 15.262 | 15.240 | 15.283 | VV | 7959   | 100157  | 2.91%   | 0.256% |
| 223 | 15.296 | 15.283 | 15.315 | VV | 2390   | 32150   | 0.93%   | 0.082% |
| 224 | 15.331 | 15.315 | 15.399 | VV | 2864   | 43741   | 1.27%   | 0.112% |
| 225 | 15.409 | 15.399 | 15.425 | VV | 246    | 2844    | 0.08%   | 0.007% |
| 226 | 15.432 | 15.425 | 15.441 | VV | 166    | 1478    | 0.04%   | 0.004% |
| 227 | 15.479 | 15.441 | 15.489 | VV | 278    | 5589    | 0.16%   | 0.014% |
| 228 | 15.497 | 15.489 | 15.512 | VV | 186    | 1890    | 0.05%   | 0.005% |
| 229 | 15.523 | 15.512 | 15.535 | VV | 297    | 3219    | 0.09%   | 0.008% |
| 230 | 15.559 | 15.535 | 15.571 | VV | 1029   | 15595   | 0.45%   | 0.040% |
| 231 | 15.584 | 15.571 | 15.600 | VV | 987    | 14095   | 0.41%   | 0.036% |
| 232 | 15.659 | 15.600 | 15.706 | VV | 2620   | 74536   | 2.16%   | 0.190% |
| 233 | 15.762 | 15.706 | 15.805 | VV | 9783   | 127806  | 3.71%   | 0.326% |
| 234 | 15.839 | 15.805 | 15.921 | VV | 925    | 32121   | 0.93%   | 0.082% |
| 235 | 15.942 | 15.921 | 15.965 | VV | 438    | 5717    | 0.17%   | 0.015% |
| 236 | 16.013 | 15.965 | 16.027 | VV | 433    | 9989    | 0.29%   | 0.025% |
| 237 | 16.053 | 16.027 | 16.097 | VV | 3138   | 60613   | 1.76%   | 0.155% |
| 238 | 16.150 | 16.097 | 16.219 | VV | 9630   | 188829  | 5.48%   | 0.482% |
| 239 | 16.245 | 16.219 | 16.294 | VV | 11283  | 135454  | 3.93%   | 0.346% |
| 240 | 16.317 | 16.294 | 16.335 | VV | 947    | 13466   | 0.39%   | 0.034% |
| 241 | 16.347 | 16.335 | 16.382 | VV | 823    | 10885   | 0.32%   | 0.028% |
| 242 | 16.404 | 16.382 | 16.415 | VV | 192    | 2044    | 0.06%   | 0.005% |
| 243 | 16.454 | 16.415 | 16.509 | PV | 945    | 21306   | 0.62%   | 0.054% |
| 244 | 16.550 | 16.509 | 16.564 | VV | 1347   | 24194   | 0.70%   | 0.062% |
| 245 | 16.595 | 16.564 | 16.612 | VV | 2833   | 56654   | 1.64%   | 0.145% |
| 246 | 16.626 | 16.612 | 16.651 | VV | 2666   | 47901   | 1.39%   | 0.122% |

|     |        |        |        |    | rteres |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 247 | 16.669 | 16.651 | 16.687 | VV | 1617   | 32289   | 0.94%  | 0.082% |
| 248 | 16.711 | 16.687 | 16.737 | VV | 12877  | 163429  | 4.74%  | 0.417% |
| 249 | 16.757 | 16.737 | 16.782 | VV | 4254   | 57216   | 1.66%  | 0.146% |
| 250 | 16.799 | 16.782 | 16.854 | VV | 1941   | 35963   | 1.04%  | 0.092% |
|     |        |        |        |    |        |         |        |        |
| 251 | 16.923 | 16.854 | 16.935 | VV | 1421   | 36511   | 1.06%  | 0.093% |
| 252 | 16.948 | 16.935 | 16.964 | VV | 1583   | 24239   | 0.70%  | 0.062% |
| 253 | 16.977 | 16.964 | 16.988 | VV | 1383   | 18672   | 0.54%  | 0.048% |
| 254 | 16.999 | 16.988 | 17.021 | VV | 1406   | 22758   | 0.66%  | 0.058% |
| 255 | 17.048 | 17.021 | 17.062 | VV | 1788   | 32652   | 0.95%  | 0.083% |
|     |        |        |        |    |        |         |        |        |
| 256 | 17.090 | 17.062 | 17.137 | VV | 7390   | 155827  | 4.52%  | 0.398% |
| 257 | 17.163 | 17.137 | 17.209 | VV | 17021  | 235259  | 6.82%  | 0.600% |
| 258 | 17.232 | 17.209 | 17.245 | VV | 1655   | 30268   | 0.88%  | 0.077% |
| 259 | 17.259 | 17.245 | 17.289 | VV | 1695   | 37342   | 1.08%  | 0.095% |
| 260 | 17.299 | 17.289 | 17.310 | VV | 1082   | 13453   | 0.39%  | 0.034% |
|     |        |        |        |    |        |         |        |        |
| 261 | 17.320 | 17.310 | 17.329 | VV | 1106   | 11742   | 0.34%  | 0.030% |
| 262 | 17.366 | 17.329 | 17.382 | VV | 1369   | 38235   | 1.11%  | 0.098% |
| 263 | 17.392 | 17.382 | 17.409 | VV | 1122   | 16408   | 0.48%  | 0.042% |
| 264 | 17.445 | 17.409 | 17.465 | VV | 1609   | 41893   | 1.22%  | 0.107% |
| 265 | 17.491 | 17.465 | 17.519 | VV | 1635   | 36459   | 1.06%  | 0.093% |
|     |        |        |        |    |        |         |        |        |
| 266 | 17.543 | 17.519 | 17.552 | VV | 2574   | 37344   | 1.08%  | 0.095% |
| 267 | 17.568 | 17.552 | 17.577 | VV | 3568   | 46633   | 1.35%  | 0.119% |
| 268 | 17.598 | 17.577 | 17.632 | VV | 13244  | 187535  | 5.44%  | 0.478% |
| 269 | 17.643 | 17.632 | 17.650 | VV | 1262   | 12995   | 0.38%  | 0.033% |
| 270 | 17.697 | 17.650 | 17.720 | VV | 3986   | 90786   | 2.63%  | 0.232% |
|     |        |        |        |    |        |         |        |        |
| 271 | 17.735 | 17.720 | 17.753 | VV | 2233   | 35861   | 1.04%  | 0.091% |
| 272 | 17.766 | 17.753 | 17.804 | VV | 1768   | 48411   | 1.40%  | 0.123% |
| 273 | 17.843 | 17.804 | 17.861 | VV | 3677   | 78328   | 2.27%  | 0.200% |
| 274 | 17.871 | 17.861 | 17.888 | VV | 2397   | 34168   | 0.99%  | 0.087% |
| 275 | 17.934 | 17.888 | 17.942 | VV | 5053   | 103792  | 3.01%  | 0.265% |
|     |        |        |        |    |        |         |        |        |
| 276 | 17.966 | 17.942 | 18.004 | VV | 38476  | 686876  | 19.93% | 1.752% |
| 277 | 18.022 | 18.004 | 18.081 | VV | 19439  | 368231  | 10.68% | 0.939% |
| 278 | 18.103 | 18.081 | 18.115 | VV | 3708   | 66324   | 1.92%  | 0.169% |
| 279 | 18.125 | 18.115 | 18.206 | VV | 3469   | 151343  | 4.39%  | 0.386% |
| 280 | 18.237 | 18.206 | 18.255 | VV | 2583   | 69941   | 2.03%  | 0.178% |
|     |        |        |        |    |        |         |        |        |
| 281 | 18.286 | 18.255 | 18.312 | VV | 2646   | 81069   | 2.35%  | 0.207% |
| 282 | 18.329 | 18.312 | 18.359 | VV | 2610   | 68057   | 1.97%  | 0.174% |
| 283 | 18.427 | 18.359 | 18.480 | VV | 20035  | 494932  | 14.36% | 1.263% |
| 284 | 18.538 | 18.480 | 18.559 | VV | 9809   | 259507  | 7.53%  | 0.662% |
| 285 | 18.578 | 18.559 | 18.599 | VV | 7212   | 137242  | 3.98%  | 0.350% |
|     |        |        |        |    |        |         |        |        |
| 286 | 18.618 | 18.599 | 18.668 | VV | 6512   | 188523  | 5.47%  | 0.481% |
| 287 | 18.712 | 18.668 | 18.727 | VV | 4438   | 139971  | 4.06%  | 0.357% |
| 288 | 18.748 | 18.727 | 18.764 | VV | 4907   | 99179   | 2.88%  | 0.253% |
| 289 | 18.804 | 18.764 | 18.879 | VV | 32555  | 1046696 | 30.36% | 2.670% |
| 290 | 18.894 | 18.879 | 18.948 | VV | 7455   | 256276  | 7.43%  | 0.654% |
|     |        |        |        |    |        |         |        |        |
| 291 | 18.965 | 18.948 | 18.989 | VV | 6370   | 135433  | 3.93%  | 0.345% |
| 292 | 19.018 | 18.989 | 19.053 | VV | 11082  | 279046  | 8.10%  | 0.712% |
| 293 | 19.073 | 19.053 | 19.130 | VV | 6383   | 266741  | 7.74%  | 0.680% |
| 294 | 19.177 | 19.130 | 19.196 | VV | 8868   | 258045  | 7.49%  | 0.658% |
| 295 | 19.215 | 19.196 | 19.285 | VV | 9526   | 357887  | 10.38% | 0.913% |
|     |        |        |        |    |        |         |        |        |
| 296 | 19.323 | 19.285 | 19.381 | VV | 17930  | 558334  | 16.20% | 1.424% |
| 297 | 19.403 | 19.381 | 19.429 | VV | 7670   | 206308  | 5.99%  | 0.526% |
| 298 | 19.455 | 19.429 | 19.485 | VV | 8146   | 244989  | 7.11%  | 0.625% |
| 299 | 19.506 | 19.485 | 19.541 | VV | 7920   | 243750  | 7.07%  | 0.622% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 300 | 19.583 | 19.541 | 19.611 | VV | 17047  | 498799  | 14.47% | 1.272% |
| 301 | 19.622 | 19.611 | 19.665 | VV | 9419   | 279064  | 8.10%  | 0.712% |
| 302 | 19.690 | 19.665 | 19.715 | VV | 8202   | 239590  | 6.95%  | 0.611% |
| 303 | 19.728 | 19.715 | 19.789 | VV | 7747   | 329909  | 9.57%  | 0.842% |
| 304 | 19.840 | 19.789 | 19.865 | VV | 9023   | 363000  | 10.53% | 0.926% |
| 305 | 19.904 | 19.865 | 19.931 | VV | 17453  | 441829  | 12.82% | 1.127% |
| 306 | 19.955 | 19.931 | 19.982 | VV | 13075  | 339460  | 9.85%  | 0.866% |
| 307 | 20.006 | 19.982 | 20.030 | VV | 10086  | 283187  | 8.22%  | 0.722% |
| 308 | 20.040 | 20.030 | 20.053 | VV | 9507   | 129509  | 3.76%  | 0.330% |
| 309 | 20.078 | 20.053 | 20.103 | VV | 10355  | 288556  | 8.37%  | 0.736% |
| 310 | 20.124 | 20.103 | 20.169 | VV | 13382  | 400995  | 11.63% | 1.023% |
| 311 | 20.205 | 20.169 | 20.219 | VV | 9468   | 272478  | 7.90%  | 0.695% |
| 312 | 20.277 | 20.219 | 20.290 | VV | 12816  | 446297  | 12.95% | 1.138% |
| 313 | 20.309 | 20.290 | 20.321 | VV | 14962  | 259246  | 7.52%  | 0.661% |
| 314 | 20.331 | 20.321 | 20.392 | VV | 14851  | 534206  | 15.50% | 1.363% |
| 315 | 20.402 | 20.392 | 20.448 | VV | 11444  | 378699  | 10.99% | 0.966% |
| 316 | 20.471 | 20.448 | 20.548 | VV | 11505  | 638600  | 18.53% | 1.629% |
| 317 | 20.576 | 20.548 | 20.589 | VV | 10600  | 251373  | 7.29%  | 0.641% |
| 318 | 20.671 | 20.589 | 20.699 | VV | 13124  | 737986  | 21.41% | 1.883% |
| 319 | 20.718 | 20.699 | 20.793 | VV | 11068  | 590586  | 17.13% | 1.507% |
| 320 | 20.811 | 20.793 | 20.879 | VV | 10031  | 482465  | 14.00% | 1.231% |
| 321 | 20.889 | 20.879 | 20.899 | VV | 8895   | 106501  | 3.09%  | 0.272% |
| 322 | 20.906 | 20.899 | 20.926 | VV | 8961   | 146239  | 4.24%  | 0.373% |
| 323 | 20.937 | 20.926 | 20.945 | VV | 8941   | 96856   | 2.81%  | 0.247% |
| 324 | 20.977 | 20.945 | 21.029 | VV | 10945  | 496865  | 14.41% | 1.267% |
| 325 | 21.070 | 21.029 | 21.097 | VV | 12216  | 441256  | 12.80% | 1.126% |
| 326 | 21.105 | 21.097 | 21.155 | VV | 10332  | 345398  | 10.02% | 0.881% |
| 327 | 21.162 | 21.155 | 21.255 | VV | 9396   | 512239  | 14.86% | 1.307% |
| 328 | 21.293 | 21.255 | 21.308 | VV | 8224   | 256214  | 7.43%  | 0.654% |
| 329 | 21.344 | 21.308 | 21.355 | VV | 8328   | 228328  | 6.62%  | 0.582% |
| 330 | 21.366 | 21.355 | 21.382 | VV | 8369   | 135828  | 3.94%  | 0.346% |
| 331 | 21.417 | 21.382 | 21.429 | VV | 8668   | 239885  | 6.96%  | 0.612% |
| 332 | 21.465 | 21.429 | 21.481 | VV | 8737   | 267885  | 7.77%  | 0.683% |
| 333 | 21.516 | 21.481 | 21.535 | VV | 10252  | 303377  | 8.80%  | 0.774% |
| 334 | 21.560 | 21.535 | 21.619 | VV | 9097   | 416502  | 12.08% | 1.062% |
| 335 | 21.627 | 21.619 | 21.679 | VV | 7244   | 247780  | 7.19%  | 0.632% |
| 336 | 21.687 | 21.679 | 21.705 | VV | 6396   | 98438   | 2.86%  | 0.251% |
| 337 | 21.715 | 21.705 | 21.723 | VV | 6041   | 65515   | 1.90%  | 0.167% |
| 338 | 21.773 | 21.723 | 21.795 | VV | 6332   | 266424  | 7.73%  | 0.680% |
| 339 | 21.845 | 21.795 | 21.868 | VV | 6784   | 285163  | 8.27%  | 0.727% |
| 340 | 21.886 | 21.868 | 21.927 | VV | 6781   | 234138  | 6.79%  | 0.597% |
| 341 | 21.946 | 21.927 | 21.958 | VV | 6671   | 118879  | 3.45%  | 0.303% |
| 342 | 22.019 | 21.958 | 22.154 | VV | 8179   | 756802  | 21.95% | 1.931% |
| 343 | 22.190 | 22.154 | 22.201 | VV | 5391   | 147247  | 4.27%  | 0.376% |
| 344 | 22.259 | 22.201 | 22.282 | VV | 6146   | 276290  | 8.02%  | 0.705% |
| 345 | 22.416 | 22.282 | 22.522 | VV | 10401  | 1112791 | 32.28% | 2.839% |
| 346 | 22.542 | 22.522 | 22.559 | VV | 5782   | 122950  | 3.57%  | 0.314% |
| 347 | 22.600 | 22.559 | 22.692 | VV | 6186   | 404298  | 11.73% | 1.031% |
| 348 | 22.700 | 22.692 | 22.742 | VV | 3992   | 113191  | 3.28%  | 0.289% |
| 349 | 22.748 | 22.742 | 22.762 | VV | 3646   | 42487   | 1.23%  | 0.108% |
| 350 | 22.775 | 22.762 | 22.795 | VV | 3488   | 67300   | 1.95%  | 0.172% |
| 351 | 22.822 | 22.795 | 22.831 | VV | 3456   | 72331   | 2.10%  | 0.185% |

|     |        |        |        |    |      |                         |        |          |
|-----|--------|--------|--------|----|------|-------------------------|--------|----------|
|     |        |        |        |    |      | rteres                  |        |          |
| 352 | 22.917 | 22.831 | 22.927 | VV | 4052 | 214222                  | 6.21%  | 0.546%   |
| 353 | 22.931 | 22.927 | 22.945 | VV | 3915 | 43161                   | 1.25%  | 0.110%   |
| 354 | 22.961 | 22.945 | 23.015 | VV | 4065 | 160980                  | 4.67%  | 0.411%   |
| 355 | 23.090 | 23.015 | 23.220 | VV | 4570 | 475675                  | 13.80% | 1.213%   |
| 356 | 23.229 | 23.220 | 23.236 | VV | 3120 | 29941                   | 0.87%  | 0.076%   |
| 357 | 23.267 | 23.236 | 23.352 | VV | 3741 | 211191                  | 6.13%  | 0.539%   |
| 358 | 23.369 | 23.352 | 23.383 | VV | 2528 | 44193                   | 1.28%  | 0.113%   |
| 359 | 23.392 | 23.383 | 23.419 | VV | 2456 | 51390                   | 1.49%  | 0.131%   |
| 360 | 23.428 | 23.419 | 23.472 | VV | 2232 | 65604                   | 1.90%  | 0.167%   |
| 361 | 23.498 | 23.472 | 23.516 | VV | 2146 | 54117                   | 1.57%  | 0.138%   |
| 362 | 23.526 | 23.516 | 23.566 | VV | 2114 | 60102                   | 1.74%  | 0.153%   |
| 363 | 23.576 | 23.566 | 23.587 | VV | 2012 | 24167                   | 0.70%  | 0.062%   |
| 364 | 23.678 | 23.587 | 23.716 | VV | 2246 | 162521                  | 4.71%  | 0.415%   |
| 365 | 23.757 | 23.716 | 23.804 | VV | 2245 | 109272                  | 3.17%  | 0.279%   |
| 366 | 23.816 | 23.804 | 23.849 | VV | 1960 | 45959                   | 1.33%  | 0.117%   |
| 367 | 23.863 | 23.849 | 23.991 | VV | 1508 | 64005                   | 1.86%  | 0.163%   |
| 368 | 24.043 | 23.991 | 24.087 | PV | 759  | 23022                   | 0.67%  | 0.059%   |
| 369 | 24.105 | 24.087 | 24.140 | VV | 367  | 6933                    | 0.20%  | 0.018%   |
|     |        |        |        |    |      | Sum of corrected areas: |        | 39200434 |

C44-FE090819.M Wed Sep 11 14:02:13 2019