

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_B\Data\FB081619\  
 Data File : FB022038.D  
 Signal(s) : FID2B.CH  
 Acq On : 16 Aug 2019 16:58  
 Sample : K4350-01  
 Misc : 4.31/5.00ml DI WATER  
 ALS Vial : 16 Sample Multiplier: 1

Integration File: SAMPLE.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_B\Method\FB081519.M  
 Title :

Signal : FID2B.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         | 4.772       | 4.703        | 4.793      | BV       | 82             | 2096         | 1.02%          | 0.127%        |
| 2         | 4.800       | 4.793        | 4.822      | VV       | 72             | 765          | 0.37%          | 0.046%        |
| 3         | 4.838       | 4.822        | 4.856      | PV       | 67             | 945          | 0.46%          | 0.057%        |
| 4         | 4.883       | 4.856        | 4.937      | VV       | 115            | 2678         | 1.31%          | 0.162%        |
| 5         | 4.949       | 4.937        | 4.967      | VV       | 81             | 1185         | 0.58%          | 0.072%        |
| 6         | 4.976       | 4.967        | 4.986      | VV       | 82             | 662          | 0.32%          | 0.040%        |
| 7         | 5.175       | 5.159        | 5.199      | VV       | 90             | 1508         | 0.74%          | 0.091%        |
| 8         | 5.209       | 5.199        | 5.222      | VV       | 60             | 663          | 0.32%          | 0.040%        |
| 9         | 5.246       | 5.222        | 5.258      | VV       | 83             | 1112         | 0.54%          | 0.067%        |
| 10        | 5.268       | 5.258        | 5.285      | VV       | 62             | 534          | 0.26%          | 0.032%        |
| 11        | 5.297       | 5.285        | 5.317      | VV       | 80             | 816          | 0.40%          | 0.049%        |
| 12        | 5.348       | 5.317        | 5.358      | VV       | 71             | 965          | 0.47%          | 0.058%        |
| 13        | 5.372       | 5.358        | 5.385      | VV       | 70             | 656          | 0.32%          | 0.040%        |
| 14        | 5.409       | 5.385        | 5.419      | VV       | 96             | 1191         | 0.58%          | 0.072%        |
| 15        | 5.704       | 5.683        | 5.714      | VV       | 71             | 701          | 0.34%          | 0.042%        |
| 16        | 5.727       | 5.714        | 5.741      | VV       | 79             | 834          | 0.41%          | 0.050%        |
| 17        | 5.755       | 5.741        | 5.766      | VV       | 48             | 460          | 0.22%          | 0.028%        |
| 18        | 5.786       | 5.766        | 5.800      | VV       | 63             | 693          | 0.34%          | 0.042%        |
| 19        | 5.825       | 5.800        | 5.874      | VV       | 106            | 3420         | 1.67%          | 0.207%        |
| 20        | 5.884       | 5.874        | 5.910      | VV       | 79             | 891          | 0.43%          | 0.054%        |
| 21        | 5.935       | 5.910        | 5.952      | PV       | 65             | 795          | 0.39%          | 0.048%        |
| 22        | 5.963       | 5.952        | 5.973      | VV       | 42             | 276          | 0.13%          | 0.017%        |
| 23        | 6.010       | 5.973        | 6.024      | VV       | 89             | 1211         | 0.59%          | 0.073%        |
| 24        | 6.040       | 6.024        | 6.054      | VV       | 79             | 860          | 0.42%          | 0.052%        |
| 25        | 6.069       | 6.054        | 6.093      | VV       | 67             | 1128         | 0.55%          | 0.068%        |
| 26        | 6.118       | 6.093        | 6.129      | VV       | 112            | 1489         | 0.73%          | 0.090%        |
| 27        | 6.148       | 6.129        | 6.196      | VV       | 115            | 3234         | 1.58%          | 0.195%        |
| 28        | 6.224       | 6.196        | 6.234      | VV       | 68             | 1144         | 0.56%          | 0.069%        |
| 29        | 6.253       | 6.234        | 6.262      | VV       | 63             | 714          | 0.35%          | 0.043%        |
| 30        | 6.301       | 6.262        | 6.310      | VV       | 81             | 1448         | 0.71%          | 0.087%        |
| 31        | 6.315       | 6.310        | 6.330      | VV       | 69             | 611          | 0.30%          | 0.037%        |
| 32        | 6.341       | 6.330        | 6.370      | VV       | 66             | 1107         | 0.54%          | 0.067%        |
| 33        | 6.405       | 6.370        | 6.432      | VV       | 75             | 1643         | 0.80%          | 0.099%        |
| 34        | 6.447       | 6.432        | 6.482      | VV       | 76             | 1660         | 0.81%          | 0.100%        |
| 35        | 6.515       | 6.482        | 6.524      | VV       | 79             | 1659         | 0.81%          | 0.100%        |
| 36        | 6.536       | 6.524        | 6.563      | VV       | 112            | 1694         | 0.83%          | 0.102%        |

|    |       |       |       |    |        |      |       |        |
|----|-------|-------|-------|----|--------|------|-------|--------|
|    |       |       |       |    | rteres |      |       |        |
| 37 | 6.580 | 6.563 | 6.597 | VV | 67     | 1031 | 0.50% | 0.062% |
| 38 | 6.606 | 6.597 | 6.609 | VV | 36     | 201  | 0.10% | 0.012% |
| 39 | 6.620 | 6.609 | 6.629 | VV | 68     | 636  | 0.31% | 0.038% |
| 40 | 6.635 | 6.629 | 6.651 | VV | 90     | 558  | 0.27% | 0.034% |
| 41 | 6.677 | 6.651 | 6.693 | PV | 86     | 1203 | 0.59% | 0.073% |
| 42 | 6.722 | 6.693 | 6.744 | VV | 92     | 1319 | 0.64% | 0.080% |
| 43 | 6.758 | 6.744 | 6.766 | VV | 63     | 671  | 0.33% | 0.041% |
| 44 | 6.791 | 6.766 | 6.816 | VV | 69     | 1534 | 0.75% | 0.093% |
| 45 | 6.825 | 6.816 | 6.838 | VV | 88     | 669  | 0.33% | 0.040% |
| 46 | 6.850 | 6.838 | 6.868 | VV | 71     | 915  | 0.45% | 0.055% |
| 47 | 6.880 | 6.868 | 6.904 | VV | 77     | 1104 | 0.54% | 0.067% |
| 48 | 6.914 | 6.904 | 6.951 | VV | 64     | 1189 | 0.58% | 0.072% |
| 49 | 6.967 | 6.951 | 6.973 | VV | 45     | 429  | 0.21% | 0.026% |
| 50 | 6.995 | 6.973 | 7.041 | VV | 89     | 2281 | 1.11% | 0.138% |
| 51 | 7.054 | 7.041 | 7.069 | VV | 87     | 1014 | 0.49% | 0.061% |
| 52 | 7.079 | 7.069 | 7.086 | VV | 98     | 822  | 0.40% | 0.050% |
| 53 | 7.102 | 7.086 | 7.129 | VV | 103    | 2073 | 1.01% | 0.125% |
| 54 | 7.157 | 7.129 | 7.181 | VV | 101    | 2115 | 1.03% | 0.128% |
| 55 | 7.195 | 7.181 | 7.207 | VV | 108    | 1197 | 0.58% | 0.072% |
| 56 | 7.245 | 7.207 | 7.256 | VV | 143    | 2643 | 1.29% | 0.160% |
| 57 | 7.260 | 7.256 | 7.283 | VV | 117    | 1416 | 0.69% | 0.086% |
| 58 | 7.305 | 7.283 | 7.342 | VV | 117    | 2823 | 1.38% | 0.171% |
| 59 | 7.361 | 7.342 | 7.373 | VV | 99     | 1207 | 0.59% | 0.073% |
| 60 | 7.386 | 7.373 | 7.394 | VV | 70     | 601  | 0.29% | 0.036% |
| 61 | 7.401 | 7.394 | 7.414 | VV | 71     | 526  | 0.26% | 0.032% |
| 62 | 7.429 | 7.414 | 7.444 | VV | 90     | 1194 | 0.58% | 0.072% |
| 63 | 7.455 | 7.444 | 7.481 | VV | 83     | 1247 | 0.61% | 0.075% |
| 64 | 7.545 | 7.481 | 7.555 | VV | 105    | 2956 | 1.44% | 0.179% |
| 65 | 7.570 | 7.555 | 7.587 | VV | 137    | 2225 | 1.09% | 0.134% |
| 66 | 7.612 | 7.587 | 7.620 | VV | 168    | 2707 | 1.32% | 0.164% |
| 67 | 7.632 | 7.620 | 7.644 | VV | 148    | 1947 | 0.95% | 0.118% |
| 68 | 7.654 | 7.644 | 7.659 | VV | 145    | 1222 | 0.60% | 0.074% |
| 69 | 7.664 | 7.659 | 7.685 | VV | 149    | 1728 | 0.84% | 0.104% |
| 70 | 7.692 | 7.685 | 7.721 | VV | 90     | 1401 | 0.68% | 0.085% |
| 71 | 7.738 | 7.721 | 7.760 | VV | 87     | 1498 | 0.73% | 0.090% |
| 72 | 7.779 | 7.760 | 7.790 | VV | 91     | 1391 | 0.68% | 0.084% |
| 73 | 7.804 | 7.790 | 7.824 | VV | 112    | 1604 | 0.78% | 0.097% |
| 74 | 7.840 | 7.824 | 7.891 | VV | 103    | 2754 | 1.34% | 0.166% |
| 75 | 7.912 | 7.891 | 7.929 | VV | 78     | 1057 | 0.52% | 0.064% |
| 76 | 7.945 | 7.929 | 7.980 | VV | 112    | 2266 | 1.11% | 0.137% |
| 77 | 7.996 | 7.980 | 8.003 | PV | 98     | 639  | 0.31% | 0.039% |
| 78 | 8.023 | 8.003 | 8.032 | VV | 98     | 1302 | 0.64% | 0.079% |
| 79 | 8.048 | 8.032 | 8.063 | VV | 109    | 1555 | 0.76% | 0.094% |
| 80 | 8.082 | 8.063 | 8.091 | VV | 138    | 1828 | 0.89% | 0.110% |
| 81 | 8.099 | 8.091 | 8.112 | VV | 114    | 995  | 0.49% | 0.060% |
| 82 | 8.122 | 8.112 | 8.162 | VV | 105    | 2039 | 0.99% | 0.123% |
| 83 | 8.174 | 8.162 | 8.186 | VV | 60     | 680  | 0.33% | 0.041% |
| 84 | 8.194 | 8.186 | 8.200 | VV | 69     | 433  | 0.21% | 0.026% |
| 85 | 8.215 | 8.200 | 8.235 | VV | 103    | 1553 | 0.76% | 0.094% |
| 86 | 8.242 | 8.235 | 8.252 | VV | 99     | 846  | 0.41% | 0.051% |
| 87 | 8.265 | 8.252 | 8.277 | VV | 80     | 968  | 0.47% | 0.058% |
| 88 | 8.286 | 8.277 | 8.301 | VV | 72     | 843  | 0.41% | 0.051% |
| 89 | 8.339 | 8.301 | 8.354 | VV | 111    | 2328 | 1.14% | 0.141% |

|     |        |        |        |    |        |        |         |         |
|-----|--------|--------|--------|----|--------|--------|---------|---------|
|     |        |        |        |    | rteres |        |         |         |
| 90  | 8.363  | 8.354  | 8.371  | VV | 79     | 655    | 0.32%   | 0.040%  |
| 91  | 8.408  | 8.371  | 8.436  | VV | 125    | 3506   | 1.71%   | 0.212%  |
| 92  | 8.452  | 8.436  | 8.474  | VV | 104    | 1526   | 0.74%   | 0.092%  |
| 93  | 8.482  | 8.474  | 8.504  | VV | 94     | 1002   | 0.49%   | 0.061%  |
| 94  | 8.515  | 8.504  | 8.536  | VV | 54     | 806    | 0.39%   | 0.049%  |
| 95  | 8.546  | 8.536  | 8.561  | VV | 120    | 1142   | 0.56%   | 0.069%  |
| 96  | 8.570  | 8.561  | 8.589  | VV | 68     | 775    | 0.38%   | 0.047%  |
| 97  | 8.616  | 8.589  | 8.631  | VV | 94     | 1635   | 0.80%   | 0.099%  |
| 98  | 8.638  | 8.631  | 8.652  | VV | 76     | 783    | 0.38%   | 0.047%  |
| 99  | 8.669  | 8.652  | 8.684  | VV | 85     | 1277   | 0.62%   | 0.077%  |
| 100 | 8.709  | 8.684  | 8.719  | VV | 119    | 1609   | 0.78%   | 0.097%  |
| 101 | 8.754  | 8.719  | 8.806  | VV | 114    | 4303   | 2.10%   | 0.260%  |
| 102 | 8.833  | 8.806  | 8.853  | VV | 132    | 2393   | 1.17%   | 0.145%  |
| 103 | 8.871  | 8.853  | 8.877  | VV | 97     | 1101   | 0.54%   | 0.066%  |
| 104 | 8.990  | 8.877  | 9.102  | VV | 3602   | 204998 | 100.00% | 12.382% |
| 105 | 9.112  | 9.102  | 9.123  | VV | 166    | 1751   | 0.85%   | 0.106%  |
| 106 | 9.131  | 9.123  | 9.144  | VV | 151    | 1511   | 0.74%   | 0.091%  |
| 107 | 9.170  | 9.144  | 9.180  | VV | 142    | 2416   | 1.18%   | 0.146%  |
| 108 | 9.185  | 9.180  | 9.190  | VV | 116    | 614    | 0.30%   | 0.037%  |
| 109 | 9.198  | 9.190  | 9.223  | VV | 124    | 1838   | 0.90%   | 0.111%  |
| 110 | 9.233  | 9.223  | 9.260  | VV | 99     | 1685   | 0.82%   | 0.102%  |
| 111 | 9.277  | 9.260  | 9.291  | VV | 137    | 2069   | 1.01%   | 0.125%  |
| 112 | 9.301  | 9.291  | 9.328  | VV | 136    | 2596   | 1.27%   | 0.157%  |
| 113 | 9.357  | 9.328  | 9.374  | VV | 130    | 2869   | 1.40%   | 0.173%  |
| 114 | 9.388  | 9.374  | 9.396  | VV | 133    | 1582   | 0.77%   | 0.096%  |
| 115 | 9.407  | 9.396  | 9.419  | VV | 137    | 1606   | 0.78%   | 0.097%  |
| 116 | 9.427  | 9.419  | 9.448  | VV | 115    | 1546   | 0.75%   | 0.093%  |
| 117 | 9.473  | 9.448  | 9.498  | VV | 125    | 2664   | 1.30%   | 0.161%  |
| 118 | 9.533  | 9.498  | 9.548  | VV | 115    | 2612   | 1.27%   | 0.158%  |
| 119 | 9.560  | 9.548  | 9.579  | VV | 150    | 1840   | 0.90%   | 0.111%  |
| 120 | 9.600  | 9.579  | 9.622  | VV | 140    | 2651   | 1.29%   | 0.160%  |
| 121 | 9.629  | 9.622  | 9.642  | VV | 80     | 850    | 0.41%   | 0.051%  |
| 122 | 9.655  | 9.642  | 9.675  | VV | 121    | 1993   | 0.97%   | 0.120%  |
| 123 | 9.688  | 9.675  | 9.696  | VV | 106    | 1162   | 0.57%   | 0.070%  |
| 124 | 9.707  | 9.696  | 9.722  | VV | 127    | 1389   | 0.68%   | 0.084%  |
| 125 | 9.739  | 9.722  | 9.759  | VV | 115    | 2006   | 0.98%   | 0.121%  |
| 126 | 9.778  | 9.759  | 9.788  | VV | 116    | 1684   | 0.82%   | 0.102%  |
| 127 | 9.796  | 9.788  | 9.826  | VV | 113    | 2013   | 0.98%   | 0.122%  |
| 128 | 9.838  | 9.826  | 9.872  | VV | 106    | 2282   | 1.11%   | 0.138%  |
| 129 | 9.880  | 9.872  | 9.894  | VV | 88     | 1023   | 0.50%   | 0.062%  |
| 130 | 9.913  | 9.894  | 9.922  | VV | 119    | 1324   | 0.65%   | 0.080%  |
| 131 | 9.974  | 9.922  | 9.986  | VV | 154    | 4029   | 1.97%   | 0.243%  |
| 132 | 9.995  | 9.986  | 10.001 | VV | 81     | 631    | 0.31%   | 0.038%  |
| 133 | 10.017 | 10.001 | 10.025 | VV | 105    | 1252   | 0.61%   | 0.076%  |
| 134 | 10.039 | 10.025 | 10.055 | VV | 149    | 2037   | 0.99%   | 0.123%  |
| 135 | 10.069 | 10.055 | 10.078 | VV | 132    | 1453   | 0.71%   | 0.088%  |
| 136 | 10.087 | 10.078 | 10.094 | VV | 125    | 996    | 0.49%   | 0.060%  |
| 137 | 10.102 | 10.094 | 10.112 | VV | 123    | 1135   | 0.55%   | 0.069%  |
| 138 | 10.129 | 10.112 | 10.140 | VV | 143    | 1850   | 0.90%   | 0.112%  |
| 139 | 10.151 | 10.140 | 10.164 | VV | 115    | 1542   | 0.75%   | 0.093%  |
| 140 | 10.182 | 10.164 | 10.196 | VV | 130    | 2116   | 1.03%   | 0.128%  |
| 141 | 10.206 | 10.196 | 10.225 | VV | 99     | 1498   | 0.73%   | 0.090%  |

|     |        |        |        |    | rteres |      |       |        |
|-----|--------|--------|--------|----|--------|------|-------|--------|
| 142 | 10.247 | 10.225 | 10.259 | VV | 122    | 2093 | 1.02% | 0.126% |
| 143 | 10.284 | 10.259 | 10.295 | VV | 144    | 2508 | 1.22% | 0.151% |
| 144 | 10.306 | 10.295 | 10.342 | VV | 173    | 3167 | 1.54% | 0.191% |
| 145 | 10.369 | 10.342 | 10.380 | VV | 137    | 2313 | 1.13% | 0.140% |
| 146 | 10.395 | 10.380 | 10.419 | VV | 122    | 2574 | 1.26% | 0.155% |
| 147 | 10.427 | 10.419 | 10.440 | VV | 109    | 1177 | 0.57% | 0.071% |
| 148 | 10.456 | 10.440 | 10.472 | VV | 156    | 2419 | 1.18% | 0.146% |
| 149 | 10.488 | 10.472 | 10.516 | VV | 187    | 4203 | 2.05% | 0.254% |
| 150 | 10.535 | 10.516 | 10.549 | VV | 210    | 3437 | 1.68% | 0.208% |
| 151 | 10.557 | 10.549 | 10.576 | VV | 179    | 2459 | 1.20% | 0.149% |
| 152 | 10.598 | 10.576 | 10.610 | VV | 197    | 3398 | 1.66% | 0.205% |
| 153 | 10.626 | 10.610 | 10.650 | VV | 178    | 3759 | 1.83% | 0.227% |
| 154 | 10.673 | 10.650 | 10.704 | VV | 154    | 4473 | 2.18% | 0.270% |
| 155 | 10.712 | 10.704 | 10.721 | VV | 123    | 1097 | 0.54% | 0.066% |
| 156 | 10.731 | 10.721 | 10.752 | VV | 124    | 1958 | 0.95% | 0.118% |
| 157 | 10.761 | 10.752 | 10.774 | VV | 113    | 1241 | 0.61% | 0.075% |
| 158 | 10.814 | 10.774 | 10.825 | VV | 152    | 3739 | 1.82% | 0.226% |
| 159 | 10.829 | 10.825 | 10.842 | VV | 144    | 1198 | 0.58% | 0.072% |
| 160 | 10.855 | 10.842 | 10.867 | VV | 119    | 1526 | 0.74% | 0.092% |
| 161 | 10.899 | 10.867 | 10.918 | VV | 154    | 3445 | 1.68% | 0.208% |
| 162 | 10.927 | 10.918 | 10.941 | VV | 87     | 965  | 0.47% | 0.058% |
| 163 | 10.970 | 10.941 | 11.010 | VV | 146    | 4478 | 2.18% | 0.270% |
| 164 | 11.018 | 11.010 | 11.030 | VV | 99     | 954  | 0.47% | 0.058% |
| 165 | 11.050 | 11.030 | 11.092 | VV | 137    | 3181 | 1.55% | 0.192% |
| 166 | 11.126 | 11.092 | 11.134 | VV | 96     | 1900 | 0.93% | 0.115% |
| 167 | 11.142 | 11.134 | 11.158 | VV | 90     | 1196 | 0.58% | 0.072% |
| 168 | 11.181 | 11.158 | 11.208 | VV | 129    | 2862 | 1.40% | 0.173% |
| 169 | 11.221 | 11.208 | 11.239 | VV | 103    | 1427 | 0.70% | 0.086% |
| 170 | 11.272 | 11.239 | 11.303 | VV | 120    | 3228 | 1.57% | 0.195% |
| 171 | 11.308 | 11.303 | 11.317 | VV | 100    | 775  | 0.38% | 0.047% |
| 172 | 11.328 | 11.317 | 11.337 | VV | 100    | 1019 | 0.50% | 0.062% |
| 173 | 11.342 | 11.337 | 11.350 | VV | 98     | 662  | 0.32% | 0.040% |
| 174 | 11.365 | 11.350 | 11.389 | VV | 91     | 1813 | 0.88% | 0.109% |
| 175 | 11.403 | 11.389 | 11.410 | VV | 85     | 994  | 0.49% | 0.060% |
| 176 | 11.418 | 11.410 | 11.428 | VV | 89     | 849  | 0.41% | 0.051% |
| 177 | 11.441 | 11.428 | 11.475 | VV | 133    | 2708 | 1.32% | 0.164% |
| 178 | 11.487 | 11.475 | 11.503 | VV | 117    | 1316 | 0.64% | 0.079% |
| 179 | 11.511 | 11.503 | 11.518 | VV | 60     | 455  | 0.22% | 0.027% |
| 180 | 11.536 | 11.518 | 11.553 | VV | 95     | 1516 | 0.74% | 0.092% |
| 181 | 11.562 | 11.553 | 11.572 | VV | 61     | 584  | 0.28% | 0.035% |
| 182 | 11.581 | 11.572 | 11.592 | VV | 58     | 439  | 0.21% | 0.027% |
| 183 | 11.612 | 11.592 | 11.625 | VV | 92     | 1401 | 0.68% | 0.085% |
| 184 | 11.633 | 11.625 | 11.684 | VV | 103    | 2409 | 1.18% | 0.146% |
| 185 | 11.698 | 11.684 | 11.736 | VV | 86     | 2154 | 1.05% | 0.130% |
| 186 | 11.748 | 11.736 | 11.764 | VV | 95     | 1129 | 0.55% | 0.068% |
| 187 | 11.783 | 11.764 | 11.822 | VV | 123    | 3006 | 1.47% | 0.182% |
| 188 | 11.831 | 11.822 | 11.882 | VV | 109    | 2459 | 1.20% | 0.149% |
| 189 | 11.891 | 11.882 | 11.896 | VV | 50     | 267  | 0.13% | 0.016% |
| 190 | 11.947 | 11.896 | 11.973 | VV | 95     | 2991 | 1.46% | 0.181% |
| 191 | 11.987 | 11.973 | 12.015 | VV | 88     | 1653 | 0.81% | 0.100% |
| 192 | 12.027 | 12.015 | 12.042 | VV | 101    | 938  | 0.46% | 0.057% |
| 193 | 12.060 | 12.042 | 12.071 | VV | 66     | 1035 | 0.50% | 0.063% |
| 194 | 12.078 | 12.071 | 12.087 | VV | 57     | 491  | 0.24% | 0.030% |

|     |        |        |        |    |        |      |       |        |
|-----|--------|--------|--------|----|--------|------|-------|--------|
|     |        |        |        |    | rteres |      |       |        |
| 195 | 12.095 | 12.087 | 12.105 | VV | 61     | 531  | 0.26% | 0.032% |
| 196 | 12.128 | 12.105 | 12.163 | VV | 110    | 2616 | 1.28% | 0.158% |
| 197 | 12.176 | 12.163 | 12.197 | VV | 109    | 1211 | 0.59% | 0.073% |
| 198 | 12.207 | 12.197 | 12.215 | VV | 70     | 582  | 0.28% | 0.035% |
| 199 | 12.225 | 12.215 | 12.242 | VV | 85     | 973  | 0.47% | 0.059% |
| 200 | 12.256 | 12.242 | 12.273 | VV | 77     | 909  | 0.44% | 0.055% |
| 201 | 12.283 | 12.273 | 12.313 | VV | 59     | 947  | 0.46% | 0.057% |
| 202 | 12.326 | 12.313 | 12.339 | VV | 60     | 487  | 0.24% | 0.029% |
| 203 | 12.350 | 12.339 | 12.361 | PV | 51     | 449  | 0.22% | 0.027% |
| 204 | 12.393 | 12.361 | 12.409 | VV | 76     | 1610 | 0.79% | 0.097% |
| 205 | 12.426 | 12.409 | 12.438 | VV | 90     | 1130 | 0.55% | 0.068% |
| 206 | 12.464 | 12.438 | 12.485 | VV | 103    | 1745 | 0.85% | 0.105% |
| 207 | 12.496 | 12.485 | 12.509 | VV | 64     | 611  | 0.30% | 0.037% |
| 208 | 12.526 | 12.509 | 12.552 | VV | 90     | 1459 | 0.71% | 0.088% |
| 209 | 12.563 | 12.552 | 12.579 | VV | 47     | 524  | 0.26% | 0.032% |
| 210 | 12.591 | 12.579 | 12.598 | VV | 70     | 427  | 0.21% | 0.026% |
| 211 | 12.628 | 12.598 | 12.652 | VV | 91     | 1948 | 0.95% | 0.118% |
| 212 | 12.676 | 12.652 | 12.703 | VV | 58     | 1305 | 0.64% | 0.079% |
| 213 | 12.717 | 12.703 | 12.743 | VV | 117    | 1651 | 0.81% | 0.100% |
| 214 | 12.752 | 12.743 | 12.761 | VV | 64     | 551  | 0.27% | 0.033% |
| 215 | 12.773 | 12.761 | 12.782 | VV | 83     | 747  | 0.36% | 0.045% |
| 216 | 12.803 | 12.782 | 12.810 | VV | 89     | 1128 | 0.55% | 0.068% |
| 217 | 12.828 | 12.810 | 12.836 | VV | 95     | 1279 | 0.62% | 0.077% |
| 218 | 12.847 | 12.836 | 12.875 | VV | 115    | 2079 | 1.01% | 0.126% |
| 219 | 12.905 | 12.875 | 12.916 | VV | 110    | 1867 | 0.91% | 0.113% |
| 220 | 12.929 | 12.916 | 12.956 | VV | 120    | 2035 | 0.99% | 0.123% |
| 221 | 12.986 | 12.956 | 13.001 | VV | 102    | 2263 | 1.10% | 0.137% |
| 222 | 13.039 | 13.001 | 13.059 | VV | 171    | 3639 | 1.78% | 0.220% |
| 223 | 13.068 | 13.059 | 13.073 | VV | 85     | 632  | 0.31% | 0.038% |
| 224 | 13.089 | 13.073 | 13.116 | VV | 137    | 2701 | 1.32% | 0.163% |
| 225 | 13.153 | 13.116 | 13.162 | VV | 140    | 3121 | 1.52% | 0.188% |
| 226 | 13.179 | 13.162 | 13.204 | VV | 157    | 3447 | 1.68% | 0.208% |
| 227 | 13.247 | 13.204 | 13.284 | VV | 154    | 6755 | 3.30% | 0.408% |
| 228 | 13.298 | 13.284 | 13.315 | VV | 192    | 2821 | 1.38% | 0.170% |
| 229 | 13.331 | 13.315 | 13.354 | VV | 204    | 4143 | 2.02% | 0.250% |
| 230 | 13.360 | 13.354 | 13.374 | VV | 182    | 1855 | 0.91% | 0.112% |
| 231 | 13.387 | 13.374 | 13.419 | VV | 192    | 4413 | 2.15% | 0.267% |
| 232 | 13.436 | 13.419 | 13.469 | VV | 242    | 5702 | 2.78% | 0.344% |
| 233 | 13.480 | 13.469 | 13.491 | VV | 173    | 2124 | 1.04% | 0.128% |
| 234 | 13.503 | 13.491 | 13.537 | VV | 199    | 4700 | 2.29% | 0.284% |
| 235 | 13.571 | 13.537 | 13.588 | VV | 209    | 5502 | 2.68% | 0.332% |
| 236 | 13.598 | 13.588 | 13.618 | VV | 192    | 2976 | 1.45% | 0.180% |
| 237 | 13.636 | 13.618 | 13.643 | VV | 218    | 2852 | 1.39% | 0.172% |
| 238 | 13.651 | 13.643 | 13.681 | VV | 225    | 4505 | 2.20% | 0.272% |
| 239 | 13.702 | 13.681 | 13.738 | VV | 221    | 6640 | 3.24% | 0.401% |
| 240 | 13.752 | 13.738 | 13.762 | VV | 203    | 2662 | 1.30% | 0.161% |
| 241 | 13.773 | 13.762 | 13.796 | VV | 206    | 3811 | 1.86% | 0.230% |
| 242 | 13.812 | 13.796 | 13.844 | VV | 200    | 5150 | 2.51% | 0.311% |
| 243 | 13.868 | 13.844 | 13.877 | VV | 188    | 3137 | 1.53% | 0.189% |
| 244 | 13.908 | 13.877 | 13.925 | VV | 238    | 5718 | 2.79% | 0.345% |
| 245 | 13.933 | 13.925 | 13.952 | VV | 193    | 2803 | 1.37% | 0.169% |
| 246 | 13.961 | 13.952 | 13.967 | VV | 169    | 1483 | 0.72% | 0.090% |

|     |        |        |        |    |        |        |        |        |
|-----|--------|--------|--------|----|--------|--------|--------|--------|
|     |        |        |        |    | rteres |        |        |        |
| 247 | 13.999 | 13.967 | 14.011 | VV | 244    | 5346   | 2.61%  | 0.323% |
| 248 | 14.022 | 14.011 | 14.034 | VV | 271    | 3392   | 1.65%  | 0.205% |
| 249 | 14.040 | 14.034 | 14.061 | VV | 237    | 3555   | 1.73%  | 0.215% |
| 250 | 14.081 | 14.061 | 14.099 | VV | 269    | 5496   | 2.68%  | 0.332% |
| 251 | 14.124 | 14.099 | 14.145 | VV | 278    | 7112   | 3.47%  | 0.430% |
| 252 | 14.154 | 14.145 | 14.166 | VV | 276    | 3235   | 1.58%  | 0.195% |
| 253 | 14.195 | 14.166 | 14.234 | VV | 324    | 11328  | 5.53%  | 0.684% |
| 254 | 14.274 | 14.234 | 14.280 | VV | 364    | 9012   | 4.40%  | 0.544% |
| 255 | 14.290 | 14.280 | 14.310 | VV | 388    | 6554   | 3.20%  | 0.396% |
| 256 | 14.324 | 14.310 | 14.368 | VV | 412    | 13121  | 6.40%  | 0.792% |
| 257 | 14.385 | 14.368 | 14.396 | VV | 370    | 6056   | 2.95%  | 0.366% |
| 258 | 14.408 | 14.396 | 14.429 | VV | 406    | 7383   | 3.60%  | 0.446% |
| 259 | 14.437 | 14.429 | 14.449 | VV | 370    | 4180   | 2.04%  | 0.252% |
| 260 | 14.471 | 14.449 | 14.512 | VV | 422    | 14569  | 7.11%  | 0.880% |
| 261 | 14.520 | 14.512 | 14.537 | VV | 375    | 5327   | 2.60%  | 0.322% |
| 262 | 14.550 | 14.537 | 14.564 | VV | 355    | 5403   | 2.64%  | 0.326% |
| 263 | 14.609 | 14.564 | 14.650 | VV | 441    | 20580  | 10.04% | 1.243% |
| 264 | 14.661 | 14.650 | 14.665 | VV | 410    | 3558   | 1.74%  | 0.215% |
| 265 | 14.678 | 14.665 | 14.691 | VV | 416    | 6173   | 3.01%  | 0.373% |
| 266 | 14.715 | 14.691 | 14.722 | VV | 464    | 8004   | 3.90%  | 0.483% |
| 267 | 14.736 | 14.722 | 14.770 | VV | 481    | 13129  | 6.40%  | 0.793% |
| 268 | 14.780 | 14.770 | 14.788 | VV | 448    | 4694   | 2.29%  | 0.284% |
| 269 | 14.838 | 14.788 | 14.846 | VV | 490    | 16146  | 7.88%  | 0.975% |
| 270 | 14.877 | 14.846 | 14.896 | VV | 517    | 14672  | 7.16%  | 0.886% |
| 271 | 14.930 | 14.896 | 14.938 | VV | 536    | 13017  | 6.35%  | 0.786% |
| 272 | 14.972 | 14.938 | 14.985 | VV | 627    | 16606  | 8.10%  | 1.003% |
| 273 | 15.020 | 14.985 | 15.041 | VV | 703    | 21690  | 10.58% | 1.310% |
| 274 | 15.059 | 15.041 | 15.069 | VV | 708    | 10822  | 5.28%  | 0.654% |
| 275 | 15.117 | 15.069 | 15.145 | VV | 748    | 32468  | 15.84% | 1.961% |
| 276 | 15.155 | 15.145 | 15.169 | VV | 712    | 9776   | 4.77%  | 0.590% |
| 277 | 15.199 | 15.169 | 15.216 | VV | 727    | 20106  | 9.81%  | 1.214% |
| 278 | 15.269 | 15.216 | 15.278 | VV | 771    | 27072  | 13.21% | 1.635% |
| 279 | 15.284 | 15.278 | 15.293 | VV | 767    | 6893   | 3.36%  | 0.416% |
| 280 | 15.307 | 15.293 | 15.317 | VV | 812    | 11084  | 5.41%  | 0.669% |
| 281 | 15.322 | 15.317 | 15.337 | VV | 782    | 9169   | 4.47%  | 0.554% |
| 282 | 15.368 | 15.337 | 15.390 | VV | 775    | 23874  | 11.65% | 1.442% |
| 283 | 15.425 | 15.390 | 15.435 | VV | 820    | 20987  | 10.24% | 1.268% |
| 284 | 15.487 | 15.435 | 15.511 | VV | 949    | 39807  | 19.42% | 2.404% |
| 285 | 15.664 | 15.511 | 15.671 | VV | 1491   | 113994 | 55.61% | 6.885% |
| 286 | 15.690 | 15.671 | 15.706 | VV | 1565   | 32228  | 15.72% | 1.947% |
| 287 | 15.715 | 15.706 | 15.720 | VV | 1569   | 12415  | 6.06%  | 0.750% |
| 288 | 15.727 | 15.720 | 15.739 | VV | 1589   | 18592  | 9.07%  | 1.123% |
| 289 | 15.749 | 15.739 | 15.805 | VV | 1566   | 59951  | 29.24% | 3.621% |
| 290 | 15.817 | 15.805 | 15.860 | VV | 1524   | 48720  | 23.77% | 2.943% |
| 291 | 15.873 | 15.860 | 16.041 | VV | 1440   | 121131 | 59.09% | 7.316% |
| 292 | 16.049 | 16.041 | 16.083 | VV | 747    | 16874  | 8.23%  | 1.019% |
| 293 | 16.093 | 16.083 | 16.146 | VV | 634    | 19466  | 9.50%  | 1.176% |
| 294 | 16.156 | 16.146 | 16.166 | VV | 497    | 5617   | 2.74%  | 0.339% |
| 295 | 16.188 | 16.166 | 16.199 | VV | 476    | 8548   | 4.17%  | 0.516% |
| 296 | 16.207 | 16.199 | 16.229 | VV | 409    | 7026   | 3.43%  | 0.424% |
| 297 | 16.237 | 16.229 | 16.279 | VV | 391    | 10141  | 4.95%  | 0.613% |
| 298 | 16.297 | 16.279 | 16.323 | VV | 356    | 8674   | 4.23%  | 0.524% |
| 299 | 16.335 | 16.323 | 16.346 | VV | 371    | 4866   | 2.37%  | 0.294% |

|     |        |        |        |     |        |       |       |        |  |
|-----|--------|--------|--------|-----|--------|-------|-------|--------|--|
|     |        |        |        |     | rteres |       |       |        |  |
| 300 | 16.375 | 16.346 | 16.386 | VV  | 385    | 8539  | 4.17% | 0.516% |  |
| 301 | 16.402 | 16.386 | 16.414 | VV  | 444    | 6793  | 3.31% | 0.410% |  |
| 302 | 16.453 | 16.414 | 16.476 | VV  | 438    | 15517 | 7.57% | 0.937% |  |
| 303 | 16.493 | 16.476 | 16.519 | VV  | 491    | 10853 | 5.29% | 0.655% |  |
| 304 | 16.551 | 16.519 | 16.579 | VV  | 442    | 15153 | 7.39% | 0.915% |  |
| 305 | 16.588 | 16.579 | 16.602 | VBA | 453    | 6939  | 3.38% | 0.419% |  |

Sum of corrected areas: 1655679

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