

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_B\Data\FB080519\  
 Data File : FB021913.D  
 Signal(s) : FID2B.CH  
 Acq On : 5 Aug 2019 11:42  
 Sample : K4090-03  
 Misc : 5.01/5.00ml DI WATER  
 ALS Vial : 7 Sample Multiplier: 1

Integration File: SAMPLE.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_B\Method\FB071519.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         | 4.739       | 4.703        | 4.780      | BV       | 21             | 482          | 0.17%          | 0.052%        |
| 2         | 4.794       | 4.780        | 4.847      | PV       | 39             | 938          | 0.33%          | 0.102%        |
| 3         | 4.862       | 4.847        | 4.871      | VV       | 61             | 597          | 0.21%          | 0.065%        |
| 4         | 4.878       | 4.871        | 4.907      | VV       | 53             | 652          | 0.23%          | 0.071%        |
| 5         | 4.916       | 4.907        | 4.933      | VV       | 29             | 233          | 0.08%          | 0.025%        |
| 6         | 4.953       | 4.933        | 4.977      | PV       | 53             | 957          | 0.34%          | 0.104%        |
| 7         | 5.254       | 5.224        | 5.278      | VV       | 128            | 3080         | 1.08%          | 0.334%        |
| 8         | 5.288       | 5.278        | 5.305      | VV       | 85             | 1124         | 0.40%          | 0.122%        |
| 9         | 5.321       | 5.305        | 5.357      | VV       | 81             | 1713         | 0.60%          | 0.186%        |
| 10        | 5.404       | 5.357        | 5.430      | PV       | 108            | 3069         | 1.08%          | 0.332%        |
| 11        | 5.438       | 5.430        | 5.446      | VV       | 95             | 706          | 0.25%          | 0.076%        |
| 12        | 5.676       | 5.665        | 5.705      | VV       | 77             | 1568         | 0.55%          | 0.170%        |
| 13        | 5.711       | 5.705        | 5.721      | VV       | 60             | 395          | 0.14%          | 0.043%        |
| 14        | 5.731       | 5.721        | 5.769      | VV       | 57             | 1233         | 0.43%          | 0.134%        |
| 15        | 5.780       | 5.769        | 5.797      | VV       | 52             | 585          | 0.21%          | 0.063%        |
| 16        | 5.828       | 5.797        | 5.852      | VV       | 76             | 1536         | 0.54%          | 0.166%        |
| 17        | 5.862       | 5.852        | 5.870      | VV       | 69             | 420          | 0.15%          | 0.045%        |
| 18        | 5.883       | 5.870        | 5.898      | VV       | 84             | 1020         | 0.36%          | 0.110%        |
| 19        | 5.964       | 5.898        | 6.036      | VV       | 121            | 5556         | 1.95%          | 0.602%        |
| 20        | 6.056       | 6.036        | 6.068      | PV       | 75             | 918          | 0.32%          | 0.099%        |
| 21        | 6.115       | 6.068        | 6.129      | VV       | 78             | 2596         | 0.91%          | 0.281%        |
| 22        | 6.139       | 6.129        | 6.179      | VV       | 68             | 1725         | 0.61%          | 0.187%        |
| 23        | 6.185       | 6.179        | 6.195      | VV       | 58             | 491          | 0.17%          | 0.053%        |
| 24        | 6.206       | 6.195        | 6.245      | VV       | 65             | 1509         | 0.53%          | 0.163%        |
| 25        | 6.266       | 6.245        | 6.292      | VV       | 75             | 1710         | 0.60%          | 0.185%        |
| 26        | 6.302       | 6.292        | 6.312      | VV       | 78             | 765          | 0.27%          | 0.083%        |
| 27        | 6.327       | 6.312        | 6.341      | VV       | 98             | 1438         | 0.51%          | 0.156%        |
| 28        | 6.349       | 6.341        | 6.368      | VV       | 83             | 1078         | 0.38%          | 0.117%        |
| 29        | 6.376       | 6.368        | 6.387      | VV       | 70             | 652          | 0.23%          | 0.071%        |
| 30        | 6.410       | 6.387        | 6.429      | VV       | 77             | 1457         | 0.51%          | 0.158%        |
| 31        | 6.456       | 6.429        | 6.477      | VV       | 105            | 2536         | 0.89%          | 0.275%        |
| 32        | 6.484       | 6.477        | 6.508      | VV       | 101            | 1569         | 0.55%          | 0.170%        |
| 33        | 6.515       | 6.508        | 6.524      | VV       | 69             | 543          | 0.19%          | 0.059%        |
| 34        | 6.536       | 6.524        | 6.551      | VV       | 68             | 921          | 0.32%          | 0.100%        |
| 35        | 6.566       | 6.551        | 6.580      | VV       | 83             | 1178         | 0.41%          | 0.128%        |
| 36        | 6.587       | 6.580        | 6.602      | VV       | 70             | 798          | 0.28%          | 0.086%        |

|    |       |       |       |    | rteres.txt |      |       |        |
|----|-------|-------|-------|----|------------|------|-------|--------|
| 37 | 6.610 | 6.602 | 6.632 | VV | 72         | 1032 | 0.36% | 0.112% |
| 38 | 6.644 | 6.632 | 6.700 | VV | 76         | 1827 | 0.64% | 0.198% |
| 39 | 6.747 | 6.700 | 6.771 | VV | 99         | 2485 | 0.87% | 0.269% |
| 40 | 6.777 | 6.771 | 6.797 | VV | 80         | 953  | 0.34% | 0.103% |
| 41 | 6.825 | 6.797 | 6.834 | VV | 91         | 1704 | 0.60% | 0.185% |
| 42 | 6.844 | 6.834 | 6.850 | VV | 91         | 783  | 0.28% | 0.085% |
| 43 | 6.862 | 6.850 | 6.891 | VV | 110        | 2095 | 0.74% | 0.227% |
| 44 | 6.939 | 6.891 | 6.948 | VV | 148        | 3496 | 1.23% | 0.379% |
| 45 | 6.995 | 6.948 | 7.023 | VV | 223        | 7896 | 2.78% | 0.855% |
| 46 | 7.032 | 7.023 | 7.098 | VV | 198        | 6093 | 2.14% | 0.660% |
| 47 | 7.110 | 7.098 | 7.132 | VV | 108        | 1682 | 0.59% | 0.182% |
| 48 | 7.141 | 7.132 | 7.181 | VV | 86         | 1694 | 0.60% | 0.183% |
| 49 | 7.206 | 7.181 | 7.242 | VV | 111        | 2444 | 0.86% | 0.265% |
| 50 | 7.282 | 7.242 | 7.302 | VV | 103        | 2831 | 1.00% | 0.307% |
| 51 | 7.310 | 7.302 | 7.325 | VV | 74         | 645  | 0.23% | 0.070% |
| 52 | 7.357 | 7.325 | 7.368 | VV | 100        | 1727 | 0.61% | 0.187% |
| 53 | 7.377 | 7.368 | 7.417 | VV | 89         | 1994 | 0.70% | 0.216% |
| 54 | 7.437 | 7.417 | 7.448 | VV | 90         | 1067 | 0.38% | 0.116% |
| 55 | 7.457 | 7.448 | 7.497 | VV | 66         | 1302 | 0.46% | 0.141% |
| 56 | 7.537 | 7.497 | 7.551 | VV | 93         | 1879 | 0.66% | 0.204% |
| 57 | 7.555 | 7.551 | 7.577 | VV | 96         | 1002 | 0.35% | 0.109% |
| 58 | 7.593 | 7.577 | 7.602 | VV | 127        | 1325 | 0.47% | 0.144% |
| 59 | 7.612 | 7.602 | 7.643 | VV | 104        | 1701 | 0.60% | 0.184% |
| 60 | 7.663 | 7.643 | 7.701 | VV | 65         | 2094 | 0.74% | 0.227% |
| 61 | 7.725 | 7.701 | 7.751 | VV | 97         | 2242 | 0.79% | 0.243% |
| 62 | 7.782 | 7.751 | 7.810 | VV | 81         | 2019 | 0.71% | 0.219% |
| 63 | 7.819 | 7.810 | 7.825 | VV | 75         | 481  | 0.17% | 0.052% |
| 64 | 7.839 | 7.825 | 7.885 | VV | 106        | 2855 | 1.00% | 0.309% |
| 65 | 7.896 | 7.885 | 7.910 | VV | 88         | 1034 | 0.36% | 0.112% |
| 66 | 7.918 | 7.910 | 7.942 | VV | 74         | 954  | 0.34% | 0.103% |
| 67 | 7.972 | 7.942 | 7.982 | VV | 75         | 1089 | 0.38% | 0.118% |
| 68 | 7.996 | 7.982 | 8.026 | VV | 99         | 1814 | 0.64% | 0.197% |
| 69 | 8.044 | 8.026 | 8.051 | VV | 85         | 986  | 0.35% | 0.107% |
| 70 | 8.064 | 8.051 | 8.077 | VV | 109        | 1513 | 0.53% | 0.164% |
| 71 | 8.086 | 8.077 | 8.116 | VV | 107        | 1849 | 0.65% | 0.200% |
| 72 | 8.127 | 8.116 | 8.134 | VV | 68         | 636  | 0.22% | 0.069% |
| 73 | 8.159 | 8.134 | 8.178 | VV | 91         | 1884 | 0.66% | 0.204% |
| 74 | 8.183 | 8.178 | 8.194 | VV | 67         | 559  | 0.20% | 0.061% |
| 75 | 8.201 | 8.194 | 8.220 | VV | 68         | 683  | 0.24% | 0.074% |
| 76 | 8.236 | 8.220 | 8.246 | PV | 87         | 734  | 0.26% | 0.079% |
| 77 | 8.257 | 8.246 | 8.269 | VV | 90         | 1014 | 0.36% | 0.110% |
| 78 | 8.279 | 8.269 | 8.307 | VV | 84         | 1407 | 0.49% | 0.152% |
| 79 | 8.319 | 8.307 | 8.333 | VV | 70         | 865  | 0.30% | 0.094% |
| 80 | 8.362 | 8.333 | 8.386 | VV | 96         | 2114 | 0.74% | 0.229% |
| 81 | 8.407 | 8.386 | 8.445 | VV | 109        | 2596 | 0.91% | 0.281% |
| 82 | 8.493 | 8.445 | 8.522 | VV | 85         | 2660 | 0.94% | 0.288% |
| 83 | 8.552 | 8.522 | 8.569 | VV | 110        | 2183 | 0.77% | 0.236% |
| 84 | 8.578 | 8.569 | 8.617 | VV | 96         | 1736 | 0.61% | 0.188% |
| 85 | 8.652 | 8.617 | 8.668 | VV | 110        | 2374 | 0.83% | 0.257% |
| 86 | 8.677 | 8.668 | 8.696 | VV | 91         | 1000 | 0.35% | 0.108% |
| 87 | 8.737 | 8.696 | 8.763 | VV | 100        | 2420 | 0.85% | 0.262% |
| 88 | 8.785 | 8.763 | 8.808 | VV | 82         | 1645 | 0.58% | 0.178% |
| 89 | 8.820 | 8.808 | 8.832 | VV | 79         | 792  | 0.28% | 0.086% |

|     |        |        |        |    |            |        |         |         |
|-----|--------|--------|--------|----|------------|--------|---------|---------|
|     |        |        |        |    | rteres.txt |        |         |         |
| 90  | 8.855  | 8.832  | 8.864  | VV | 81         | 1276   | 0.45%   | 0.138%  |
| 91  | 8.994  | 8.864  | 9.185  | VV | 5056       | 284428 | 100.00% | 30.808% |
| 92  | 9.191  | 9.185  | 9.200  | VV | 91         | 661    | 0.23%   | 0.072%  |
| 93  | 9.213  | 9.200  | 9.223  | VV | 113        | 1152   | 0.40%   | 0.125%  |
| 94  | 9.240  | 9.223  | 9.272  | VV | 92         | 2217   | 0.78%   | 0.240%  |
| 95  | 9.303  | 9.272  | 9.321  | VV | 112        | 2461   | 0.87%   | 0.267%  |
| 96  | 9.331  | 9.321  | 9.346  | VV | 95         | 1206   | 0.42%   | 0.131%  |
| 97  | 9.359  | 9.346  | 9.369  | VV | 94         | 1067   | 0.38%   | 0.116%  |
| 98  | 9.377  | 9.369  | 9.442  | VV | 77         | 2852   | 1.00%   | 0.309%  |
| 99  | 9.452  | 9.442  | 9.466  | VV | 81         | 966    | 0.34%   | 0.105%  |
| 100 | 9.472  | 9.466  | 9.492  | VV | 90         | 934    | 0.33%   | 0.101%  |
| 101 | 9.539  | 9.492  | 9.578  | VV | 119        | 4391   | 1.54%   | 0.476%  |
| 102 | 9.603  | 9.578  | 9.621  | VV | 102        | 2282   | 0.80%   | 0.247%  |
| 103 | 9.631  | 9.621  | 9.712  | VV | 121        | 4933   | 1.73%   | 0.534%  |
| 104 | 9.723  | 9.712  | 9.739  | VV | 61         | 819    | 0.29%   | 0.089%  |
| 105 | 9.758  | 9.739  | 9.766  | VV | 73         | 869    | 0.31%   | 0.094%  |
| 106 | 9.781  | 9.766  | 9.799  | VV | 83         | 1307   | 0.46%   | 0.142%  |
| 107 | 9.811  | 9.799  | 9.823  | VV | 73         | 893    | 0.31%   | 0.097%  |
| 108 | 9.834  | 9.823  | 9.843  | VV | 66         | 671    | 0.24%   | 0.073%  |
| 109 | 9.894  | 9.843  | 9.912  | VV | 88         | 2676   | 0.94%   | 0.290%  |
| 110 | 9.932  | 9.912  | 9.968  | VV | 90         | 2177   | 0.77%   | 0.236%  |
| 111 | 9.998  | 9.968  | 10.021 | VV | 119        | 2938   | 1.03%   | 0.318%  |
| 112 | 10.260 | 10.252 | 10.278 | VV | 99         | 1261   | 0.44%   | 0.137%  |
| 113 | 10.286 | 10.278 | 10.299 | VV | 83         | 860    | 0.30%   | 0.093%  |
| 114 | 10.314 | 10.299 | 10.330 | VV | 79         | 1134   | 0.40%   | 0.123%  |
| 115 | 10.355 | 10.330 | 10.381 | VV | 78         | 2068   | 0.73%   | 0.224%  |
| 116 | 10.386 | 10.381 | 10.403 | VV | 75         | 867    | 0.30%   | 0.094%  |
| 117 | 10.414 | 10.403 | 10.447 | VV | 88         | 1771   | 0.62%   | 0.192%  |
| 118 | 10.459 | 10.447 | 10.471 | VV | 88         | 937    | 0.33%   | 0.102%  |
| 119 | 10.482 | 10.471 | 10.492 | VV | 103        | 1061   | 0.37%   | 0.115%  |
| 120 | 10.507 | 10.492 | 10.523 | VV | 126        | 2020   | 0.71%   | 0.219%  |
| 121 | 10.566 | 10.523 | 10.584 | VV | 174        | 4998   | 1.76%   | 0.541%  |
| 122 | 10.592 | 10.584 | 10.609 | VV | 171        | 2340   | 0.82%   | 0.253%  |
| 123 | 10.620 | 10.609 | 10.658 | VV | 182        | 4596   | 1.62%   | 0.498%  |
| 124 | 10.669 | 10.658 | 10.714 | VV | 155        | 3534   | 1.24%   | 0.383%  |
| 125 | 10.734 | 10.714 | 10.757 | VV | 96         | 1634   | 0.57%   | 0.177%  |
| 126 | 10.771 | 10.757 | 10.782 | VV | 101        | 1104   | 0.39%   | 0.120%  |
| 127 | 10.819 | 10.782 | 10.866 | VV | 151        | 5818   | 2.05%   | 0.630%  |
| 128 | 10.870 | 10.866 | 10.907 | VV | 110        | 1874   | 0.66%   | 0.203%  |
| 129 | 10.913 | 10.907 | 10.921 | VV | 76         | 469    | 0.16%   | 0.051%  |
| 130 | 10.938 | 10.921 | 10.973 | VV | 100        | 2423   | 0.85%   | 0.262%  |
| 131 | 10.985 | 10.973 | 10.996 | VV | 86         | 887    | 0.31%   | 0.096%  |
| 132 | 11.007 | 10.996 | 11.024 | VV | 86         | 1089   | 0.38%   | 0.118%  |
| 133 | 11.054 | 11.024 | 11.084 | VV | 103        | 2608   | 0.92%   | 0.282%  |
| 134 | 11.101 | 11.084 | 11.161 | VV | 108        | 3605   | 1.27%   | 0.390%  |
| 135 | 11.174 | 11.161 | 11.200 | VV | 84         | 1534   | 0.54%   | 0.166%  |
| 136 | 11.213 | 11.200 | 11.234 | VV | 66         | 1132   | 0.40%   | 0.123%  |
| 137 | 11.251 | 11.234 | 11.277 | VV | 60         | 1384   | 0.49%   | 0.150%  |
| 138 | 11.289 | 11.277 | 11.305 | VV | 66         | 951    | 0.33%   | 0.103%  |
| 139 | 11.323 | 11.305 | 11.350 | VV | 77         | 1720   | 0.60%   | 0.186%  |
| 140 | 11.385 | 11.350 | 11.393 | VV | 78         | 1557   | 0.55%   | 0.169%  |
| 141 | 11.407 | 11.393 | 11.435 | VV | 73         | 1465   | 0.52%   | 0.159%  |

|     |        |        |        |    |            |       |       |        |  |
|-----|--------|--------|--------|----|------------|-------|-------|--------|--|
|     |        |        |        |    | rteres.txt |       |       |        |  |
| 142 | 11.465 | 11.435 | 11.483 | VV | 65         | 1439  | 0.51% | 0.156% |  |
| 143 | 11.494 | 11.483 | 11.506 | PV | 58         | 527   | 0.19% | 0.057% |  |
| 144 | 11.519 | 11.506 | 11.528 | VV | 70         | 686   | 0.24% | 0.074% |  |
| 145 | 11.545 | 11.528 | 11.574 | VV | 88         | 1500  | 0.53% | 0.163% |  |
| 146 | 11.605 | 11.574 | 11.614 | VV | 122        | 2259  | 0.79% | 0.245% |  |
| 147 | 11.623 | 11.614 | 11.649 | VV | 131        | 2238  | 0.79% | 0.242% |  |
| 148 | 11.659 | 11.649 | 11.681 | VV | 96         | 1362  | 0.48% | 0.147% |  |
| 149 | 11.726 | 11.681 | 11.766 | VV | 133        | 5128  | 1.80% | 0.555% |  |
| 150 | 11.779 | 11.766 | 11.792 | VV | 81         | 1155  | 0.41% | 0.125% |  |
| 151 | 11.800 | 11.792 | 11.834 | VV | 81         | 1762  | 0.62% | 0.191% |  |
| 152 | 11.842 | 11.834 | 11.854 | VV | 73         | 802   | 0.28% | 0.087% |  |
| 153 | 11.881 | 11.854 | 11.909 | VV | 89         | 2312  | 0.81% | 0.250% |  |
| 154 | 11.929 | 11.909 | 11.936 | VV | 68         | 923   | 0.32% | 0.100% |  |
| 155 | 11.964 | 11.936 | 11.985 | VV | 83         | 1852  | 0.65% | 0.201% |  |
| 156 | 12.034 | 11.985 | 12.064 | VV | 129        | 3741  | 1.32% | 0.405% |  |
| 157 | 12.077 | 12.064 | 12.085 | VV | 99         | 1110  | 0.39% | 0.120% |  |
| 158 | 12.094 | 12.085 | 12.131 | VV | 124        | 2128  | 0.75% | 0.230% |  |
| 159 | 12.156 | 12.131 | 12.180 | VV | 123        | 2535  | 0.89% | 0.275% |  |
| 160 | 12.195 | 12.180 | 12.207 | VV | 85         | 1062  | 0.37% | 0.115% |  |
| 161 | 12.232 | 12.207 | 12.257 | VV | 63         | 1578  | 0.55% | 0.171% |  |
| 162 | 12.278 | 12.257 | 12.292 | VV | 93         | 1404  | 0.49% | 0.152% |  |
| 163 | 12.322 | 12.292 | 12.350 | VV | 85         | 2047  | 0.72% | 0.222% |  |
| 164 | 12.361 | 12.350 | 12.377 | VV | 74         | 1009  | 0.35% | 0.109% |  |
| 165 | 12.393 | 12.377 | 12.403 | VV | 81         | 1090  | 0.38% | 0.118% |  |
| 166 | 12.426 | 12.403 | 12.466 | VV | 84         | 2266  | 0.80% | 0.245% |  |
| 167 | 12.473 | 12.466 | 12.514 | VV | 64         | 1190  | 0.42% | 0.129% |  |
| 168 | 12.525 | 12.514 | 12.547 | VV | 40         | 597   | 0.21% | 0.065% |  |
| 169 | 12.567 | 12.547 | 12.595 | VV | 93         | 1836  | 0.65% | 0.199% |  |
| 170 | 12.601 | 12.595 | 12.614 | VV | 72         | 630   | 0.22% | 0.068% |  |
| 171 | 12.645 | 12.614 | 12.661 | VV | 72         | 1535  | 0.54% | 0.166% |  |
| 172 | 12.676 | 12.661 | 12.713 | VV | 49         | 1066  | 0.37% | 0.115% |  |
| 173 | 12.739 | 12.713 | 12.774 | VV | 66         | 1836  | 0.65% | 0.199% |  |
| 174 | 12.788 | 12.774 | 12.806 | VV | 67         | 917   | 0.32% | 0.099% |  |
| 175 | 12.840 | 12.806 | 12.867 | VV | 53         | 1584  | 0.56% | 0.172% |  |
| 176 | 12.884 | 12.867 | 12.917 | VV | 74         | 1643  | 0.58% | 0.178% |  |
| 177 | 12.986 | 12.917 | 13.046 | VV | 162        | 8112  | 2.85% | 0.879% |  |
| 178 | 13.052 | 13.046 | 13.077 | VV | 73         | 1070  | 0.38% | 0.116% |  |
| 179 | 13.089 | 13.077 | 13.105 | VV | 73         | 902   | 0.32% | 0.098% |  |
| 180 | 13.118 | 13.105 | 13.148 | VV | 56         | 1131  | 0.40% | 0.123% |  |
| 181 | 13.183 | 13.148 | 13.204 | VV | 95         | 2154  | 0.76% | 0.233% |  |
| 182 | 13.212 | 13.204 | 13.219 | VV | 84         | 578   | 0.20% | 0.063% |  |
| 183 | 13.245 | 13.219 | 13.255 | VV | 148        | 2037  | 0.72% | 0.221% |  |
| 184 | 13.279 | 13.255 | 13.297 | VV | 180        | 2354  | 0.83% | 0.255% |  |
| 185 | 13.317 | 13.297 | 13.333 | VV | 50         | 789   | 0.28% | 0.085% |  |
| 186 | 13.403 | 13.333 | 13.469 | VV | 297        | 10533 | 3.70% | 1.141% |  |
| 187 | 13.499 | 13.469 | 13.521 | VV | 95         | 1569  | 0.55% | 0.170% |  |
| 188 | 13.542 | 13.521 | 13.554 | VV | 123        | 1193  | 0.42% | 0.129% |  |
| 189 | 13.562 | 13.554 | 13.574 | VV | 49         | 427   | 0.15% | 0.046% |  |
| 190 | 13.580 | 13.574 | 13.635 | VV | 48         | 1347  | 0.47% | 0.146% |  |
| 191 | 13.644 | 13.635 | 13.651 | VV | 71         | 474   | 0.17% | 0.051% |  |
| 192 | 13.658 | 13.651 | 13.670 | VV | 65         | 512   | 0.18% | 0.055% |  |
| 193 | 13.743 | 13.670 | 13.770 | VV | 135        | 4621  | 1.62% | 0.501% |  |
| 194 | 13.778 | 13.770 | 13.799 | VV | 95         | 1481  | 0.52% | 0.160% |  |

|     |        |        |        |    |            |       |        |        |
|-----|--------|--------|--------|----|------------|-------|--------|--------|
|     |        |        |        |    | rteres.txt |       |        |        |
| 195 | 13.807 | 13.799 | 13.846 | VV | 93         | 1853  | 0.65%  | 0.201% |
| 196 | 13.855 | 13.846 | 13.876 | VV | 68         | 924   | 0.32%  | 0.100% |
| 197 | 13.885 | 13.876 | 13.894 | VV | 55         | 487   | 0.17%  | 0.053% |
| 198 | 13.908 | 13.894 | 13.919 | VV | 72         | 884   | 0.31%  | 0.096% |
| 199 | 13.937 | 13.919 | 13.946 | VV | 95         | 1022  | 0.36%  | 0.111% |
| 200 | 13.955 | 13.946 | 13.965 | VV | 96         | 637   | 0.22%  | 0.069% |
| 201 | 13.988 | 13.965 | 14.008 | VV | 117        | 1412  | 0.50%  | 0.153% |
| 202 | 14.017 | 14.008 | 14.038 | VV | 104        | 1218  | 0.43%  | 0.132% |
| 203 | 14.065 | 14.038 | 14.090 | VV | 141        | 2841  | 1.00%  | 0.308% |
| 204 | 14.103 | 14.090 | 14.111 | VV | 160        | 1612  | 0.57%  | 0.175% |
| 205 | 14.131 | 14.111 | 14.140 | VV | 235        | 3286  | 1.16%  | 0.356% |
| 206 | 14.145 | 14.140 | 14.164 | VV | 245        | 2794  | 0.98%  | 0.303% |
| 207 | 14.185 | 14.164 | 14.221 | VV | 203        | 5105  | 1.79%  | 0.553% |
| 208 | 14.241 | 14.221 | 14.270 | VV | 185        | 4158  | 1.46%  | 0.450% |
| 209 | 14.300 | 14.270 | 14.308 | VV | 289        | 4988  | 1.75%  | 0.540% |
| 210 | 14.329 | 14.308 | 14.354 | VV | 330        | 7103  | 2.50%  | 0.769% |
| 211 | 14.367 | 14.354 | 14.383 | VV | 314        | 4515  | 1.59%  | 0.489% |
| 212 | 14.396 | 14.383 | 14.410 | VV | 299        | 4209  | 1.48%  | 0.456% |
| 213 | 14.418 | 14.410 | 14.422 | VV | 297        | 2037  | 0.72%  | 0.221% |
| 214 | 14.430 | 14.422 | 14.489 | VV | 341        | 7877  | 2.77%  | 0.853% |
| 215 | 14.500 | 14.489 | 14.510 | VV | 149        | 1505  | 0.53%  | 0.163% |
| 216 | 14.514 | 14.510 | 14.545 | VV | 110        | 1287  | 0.45%  | 0.139% |
| 217 | 14.550 | 14.545 | 14.562 | VV | 86         | 437   | 0.15%  | 0.047% |
| 218 | 14.574 | 14.562 | 14.595 | VV | 116        | 1459  | 0.51%  | 0.158% |
| 219 | 14.617 | 14.595 | 14.628 | VV | 176        | 2496  | 0.88%  | 0.270% |
| 220 | 14.645 | 14.628 | 14.663 | VV | 211        | 3571  | 1.26%  | 0.387% |
| 221 | 14.670 | 14.663 | 14.682 | VV | 191        | 1633  | 0.57%  | 0.177% |
| 222 | 14.687 | 14.682 | 14.714 | VV | 152        | 1860  | 0.65%  | 0.201% |
| 223 | 14.724 | 14.714 | 14.745 | VV | 116        | 1238  | 0.44%  | 0.134% |
| 224 | 14.754 | 14.745 | 14.762 | VV | 74         | 527   | 0.19%  | 0.057% |
| 225 | 14.772 | 14.762 | 14.806 | VV | 148        | 1888  | 0.66%  | 0.204% |
| 226 | 14.818 | 14.806 | 14.830 | VV | 92         | 644   | 0.23%  | 0.070% |
| 227 | 14.849 | 14.830 | 14.874 | VV | 108        | 1214  | 0.43%  | 0.132% |
| 228 | 14.888 | 14.874 | 14.906 | PV | 95         | 1159  | 0.41%  | 0.126% |
| 229 | 14.954 | 14.906 | 14.974 | VV | 135        | 3184  | 1.12%  | 0.345% |
| 230 | 14.982 | 14.974 | 14.991 | VV | 65         | 471   | 0.17%  | 0.051% |
| 231 | 15.025 | 14.991 | 15.044 | VV | 107        | 2258  | 0.79%  | 0.245% |
| 232 | 15.103 | 15.044 | 15.112 | VV | 140        | 3096  | 1.09%  | 0.335% |
| 233 | 15.120 | 15.112 | 15.128 | VV | 120        | 918   | 0.32%  | 0.099% |
| 234 | 15.139 | 15.128 | 15.149 | VV | 117        | 1121  | 0.39%  | 0.121% |
| 235 | 15.158 | 15.149 | 15.166 | PV | 114        | 648   | 0.23%  | 0.070% |
| 236 | 15.184 | 15.166 | 15.202 | VV | 114        | 1699  | 0.60%  | 0.184% |
| 237 | 15.304 | 15.202 | 15.389 | VV | 839        | 45040 | 15.84% | 4.878% |
| 238 | 15.414 | 15.389 | 15.428 | VV | 266        | 5255  | 1.85%  | 0.569% |
| 239 | 15.444 | 15.428 | 15.474 | VV | 343        | 7355  | 2.59%  | 0.797% |
| 240 | 15.483 | 15.474 | 15.508 | VV | 272        | 3793  | 1.33%  | 0.411% |
| 241 | 15.516 | 15.508 | 15.534 | VV | 232        | 2916  | 1.03%  | 0.316% |
| 242 | 15.542 | 15.534 | 15.557 | VV | 212        | 2395  | 0.84%  | 0.259% |
| 243 | 15.567 | 15.557 | 15.574 | VV | 186        | 1549  | 0.54%  | 0.168% |
| 244 | 15.634 | 15.574 | 15.690 | VV | 605        | 29183 | 10.26% | 3.161% |
| 245 | 15.733 | 15.690 | 15.804 | VV | 634        | 27901 | 9.81%  | 3.022% |
| 246 | 15.814 | 15.804 | 15.827 | VV | 131        | 1360  | 0.48%  | 0.147% |

|                         |        |        |        |    | rteres.txt |       |        |        |
|-------------------------|--------|--------|--------|----|------------|-------|--------|--------|
| 247                     | 15.849 | 15.827 | 15.858 | VV | 121        | 1738  | 0.61%  | 0.188% |
| 248                     | 15.877 | 15.858 | 15.886 | VV | 224        | 2525  | 0.89%  | 0.274% |
| 249                     | 15.904 | 15.886 | 15.914 | VV | 221        | 2914  | 1.02%  | 0.316% |
| 250                     | 15.926 | 15.914 | 15.978 | VV | 273        | 6685  | 2.35%  | 0.724% |
|                         |        |        |        |    |            |       |        |        |
| 251                     | 15.987 | 15.978 | 16.019 | VV | 121        | 2414  | 0.85%  | 0.261% |
| 252                     | 16.030 | 16.019 | 16.035 | VV | 126        | 894   | 0.31%  | 0.097% |
| 253                     | 16.047 | 16.035 | 16.094 | VV | 132        | 2688  | 0.94%  | 0.291% |
| 254                     | 16.105 | 16.094 | 16.118 | VV | 105        | 931   | 0.33%  | 0.101% |
| 255                     | 16.129 | 16.118 | 16.137 | VV | 183        | 1838  | 0.65%  | 0.199% |
|                         |        |        |        |    |            |       |        |        |
| 256                     | 16.185 | 16.137 | 16.237 | VV | 400        | 16760 | 5.89%  | 1.815% |
| 257                     | 16.246 | 16.237 | 16.271 | VV | 176        | 2636  | 0.93%  | 0.285% |
| 258                     | 16.285 | 16.271 | 16.302 | VV | 139        | 1673  | 0.59%  | 0.181% |
| 259                     | 16.310 | 16.302 | 16.326 | VV | 98         | 706   | 0.25%  | 0.076% |
| 260                     | 16.417 | 16.326 | 16.492 | PV | 823        | 33966 | 11.94% | 3.679% |
|                         |        |        |        |    |            |       |        |        |
| 261                     | 16.500 | 16.492 | 16.518 | VV | 117        | 968   | 0.34%  | 0.105% |
| 262                     | 16.527 | 16.518 | 16.535 | VV | 67         | 330   | 0.12%  | 0.036% |
| Sum of corrected areas: |        |        |        |    |            |       | 923238 |        |

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