

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_B\Data\FB022819\  
 Data File : FB019957.D  
 Signal(s) : FID2B.CH  
 Acq On : 28 Feb 2019 14:41  
 Sample : K1651-02MSD  
 Misc : 5.04g/5.00ml DI WATER  
 ALS Vial : 13 Sample Multiplier: 1

Integration File: SAMPLE.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_B\Method\FB012919.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         | 4.894       | 4.802        | 5.030      | BV       | 6738           | 428946       | 81.04%         | 11.362%       |
| 2         | 5.087       | 5.030        | 5.330      | PV       | 677            | 30072        | 5.68%          | 0.797%        |
| 3         | 5.344       | 5.330        | 5.373      | PV       | 33             | 261          | 0.05%          | 0.007%        |
| 4         | 5.382       | 5.373        | 5.395      | PV       | 19             | 144          | 0.03%          | 0.004%        |
| 5         | 5.409       | 5.395        | 5.417      | PV       | 28             | 259          | 0.05%          | 0.007%        |
| 6         | 5.575       | 5.417        | 5.797      | VV       | 1981           | 126100       | 23.82%         | 3.340%        |
| 7         | 5.817       | 5.797        | 5.834      | PV       | 19             | 238          | 0.04%          | 0.006%        |
| 8         | 5.891       | 5.834        | 5.902      | VV       | 44             | 892          | 0.17%          | 0.024%        |
| 9         | 5.915       | 5.902        | 5.944      | VV       | 30             | 500          | 0.09%          | 0.013%        |
| 10        | 5.952       | 5.944        | 5.968      | PV       | 27             | 210          | 0.04%          | 0.006%        |
| 11        | 5.986       | 5.968        | 6.001      | VBA      | 30             | -494         | -0.09%         | -0.013%       |
| 12        | 6.032       | 6.001        | 6.055      | BV       | 36             | 500          | 0.09%          | 0.013%        |
| 13        | 6.063       | 6.055        | 6.115      | VV       | 19             | 336          | 0.06%          | 0.009%        |
| 14        | 6.124       | 6.115        | 6.135      | PV       | 26             | 167          | 0.03%          | 0.004%        |
| 15        | 6.141       | 6.135        | 6.166      | VV       | 35             | 433          | 0.08%          | 0.011%        |
| 16        | 6.173       | 6.166        | 6.188      | VV       | 25             | 258          | 0.05%          | 0.007%        |
| 17        | 6.210       | 6.188        | 6.226      | VV       | 38             | 671          | 0.13%          | 0.018%        |
| 18        | 6.247       | 6.226        | 6.255      | VV       | 48             | 562          | 0.11%          | 0.015%        |
| 19        | 6.277       | 6.255        | 6.300      | VV       | 96             | 1475         | 0.28%          | 0.039%        |
| 20        | 6.317       | 6.300        | 6.335      | PV       | 34             | 426          | 0.08%          | 0.011%        |
| 21        | 6.359       | 6.335        | 6.368      | VV       | 41             | 506          | 0.10%          | 0.013%        |
| 22        | 6.377       | 6.368        | 6.384      | VV       | 42             | 330          | 0.06%          | 0.009%        |
| 23        | 6.394       | 6.384        | 6.421      | VV       | 55             | 898          | 0.17%          | 0.024%        |
| 24        | 6.458       | 6.421        | 6.473      | VV       | 50             | 1164         | 0.22%          | 0.031%        |
| 25        | 6.487       | 6.473        | 6.512      | VV       | 86             | 1112         | 0.21%          | 0.029%        |
| 26        | 6.548       | 6.512        | 6.586      | VV       | 65             | 1849         | 0.35%          | 0.049%        |
| 27        | 6.609       | 6.586        | 6.616      | VV       | 41             | 496          | 0.09%          | 0.013%        |
| 28        | 6.627       | 6.616        | 6.641      | VV       | 46             | 478          | 0.09%          | 0.013%        |
| 29        | 6.659       | 6.641        | 6.682      | VV       | 44             | 669          | 0.13%          | 0.018%        |
| 30        | 6.693       | 6.682        | 6.728      | VV       | 35             | 599          | 0.11%          | 0.016%        |
| 31        | 6.753       | 6.728        | 6.777      | VV       | 40             | 810          | 0.15%          | 0.021%        |
| 32        | 6.793       | 6.777        | 6.819      | VV       | 40             | 726          | 0.14%          | 0.019%        |
| 33        | 6.828       | 6.819        | 6.837      | VV       | 36             | 291          | 0.06%          | 0.008%        |
| 34        | 6.855       | 6.837        | 6.864      | VV       | 41             | 551          | 0.10%          | 0.015%        |
| 35        | 6.870       | 6.864        | 6.884      | VV       | 44             | 403          | 0.08%          | 0.011%        |
| 36        | 6.928       | 6.884        | 6.948      | VV       | 74             | 1987         | 0.38%          | 0.053%        |

|    |        |        |        |     |        |        |         |         |
|----|--------|--------|--------|-----|--------|--------|---------|---------|
|    |        |        |        |     | rteres |        |         |         |
| 37 | 6.975  | 6.948  | 6.986  | VV  | 87     | 1646   | 0.31%   | 0.044%  |
| 38 | 7.014  | 6.986  | 7.056  | VV  | 94     | 3008   | 0.57%   | 0.080%  |
| 39 | 7.102  | 7.056  | 7.117  | VV  | 61     | 1803   | 0.34%   | 0.048%  |
| 40 | 7.140  | 7.117  | 7.163  | VV  | 57     | 1120   | 0.21%   | 0.030%  |
| 41 | 7.180  | 7.163  | 7.193  | VV  | 67     | 698    | 0.13%   | 0.019%  |
| 42 | 7.225  | 7.193  | 7.242  | VV  | 44     | 999    | 0.19%   | 0.026%  |
| 43 | 7.251  | 7.242  | 7.287  | VV  | 55     | 1079   | 0.20%   | 0.029%  |
| 44 | 7.296  | 7.287  | 7.305  | VV  | 44     | 422    | 0.08%   | 0.011%  |
| 45 | 7.317  | 7.305  | 7.343  | VV  | 60     | 843    | 0.16%   | 0.022%  |
| 46 | 7.350  | 7.343  | 7.385  | VV  | 66     | 929    | 0.18%   | 0.025%  |
| 47 | 7.389  | 7.385  | 7.426  | VV  | 42     | 619    | 0.12%   | 0.016%  |
| 48 | 7.441  | 7.426  | 7.457  | VV  | 31     | 442    | 0.08%   | 0.012%  |
| 49 | 7.465  | 7.457  | 7.471  | VV  | 34     | 267    | 0.05%   | 0.007%  |
| 50 | 7.654  | 7.471  | 7.874  | VV  | 5241   | 430906 | 81.41%  | 11.414% |
| 51 | 7.994  | 7.874  | 8.058  | VV  | 2349   | 127389 | 24.07%  | 3.374%  |
| 52 | 8.132  | 8.058  | 8.339  | VV  | 3812   | 203137 | 38.38%  | 5.381%  |
| 53 | 8.350  | 8.339  | 8.375  | VV  | 44     | 759    | 0.14%   | 0.020%  |
| 54 | 8.397  | 8.375  | 8.453  | VV  | 49     | 1652   | 0.31%   | 0.044%  |
| 55 | 8.488  | 8.453  | 8.514  | VV  | 59     | 1594   | 0.30%   | 0.042%  |
| 56 | 8.542  | 8.514  | 8.584  | VV  | 60     | 1359   | 0.26%   | 0.036%  |
| 57 | 8.611  | 8.584  | 8.647  | VV  | 42     | 1354   | 0.26%   | 0.036%  |
| 58 | 8.662  | 8.647  | 8.698  | VV  | 49     | 812    | 0.15%   | 0.022%  |
| 59 | 8.717  | 8.698  | 8.779  | VV  | 53     | 1636   | 0.31%   | 0.043%  |
| 60 | 8.794  | 8.779  | 8.810  | PV  | 46     | 500    | 0.09%   | 0.013%  |
| 61 | 9.040  | 8.810  | 9.252  | VBA | 4072   | 227784 | 43.04%  | 6.034%  |
| 62 | 9.315  | 9.252  | 9.327  | BV  | 35     | 346    | 0.07%   | 0.009%  |
| 63 | 9.346  | 9.327  | 9.402  | VV  | 72     | 1866   | 0.35%   | 0.049%  |
| 64 | 9.420  | 9.402  | 9.469  | VV  | 71     | 1762   | 0.33%   | 0.047%  |
| 65 | 9.534  | 9.469  | 9.569  | PV  | 85     | 2026   | 0.38%   | 0.054%  |
| 66 | 9.670  | 9.569  | 9.711  | VV  | 90     | 4781   | 0.90%   | 0.127%  |
| 67 | 9.727  | 9.711  | 9.745  | VV  | 61     | 824    | 0.16%   | 0.022%  |
| 68 | 9.760  | 9.745  | 9.870  | VV  | 70     | 2297   | 0.43%   | 0.061%  |
| 69 | 10.013 | 9.870  | 10.037 | VV  | 75     | 3887   | 0.73%   | 0.103%  |
| 70 | 10.179 | 10.037 | 10.328 | VV  | 556    | 45130  | 8.53%   | 1.195%  |
| 71 | 10.344 | 10.328 | 10.401 | VV  | 80     | 2319   | 0.44%   | 0.061%  |
| 72 | 10.412 | 10.401 | 10.488 | VV  | 62     | 2241   | 0.42%   | 0.059%  |
| 73 | 10.503 | 10.488 | 10.524 | VV  | 50     | 910    | 0.17%   | 0.024%  |
| 74 | 10.673 | 10.524 | 10.711 | VV  | 170    | 13348  | 2.52%   | 0.354%  |
| 75 | 10.721 | 10.711 | 10.770 | VV  | 174    | 2949   | 0.56%   | 0.078%  |
| 76 | 10.887 | 10.770 | 11.057 | VV  | 11362  | 529282 | 100.00% | 14.020% |
| 77 | 11.068 | 11.057 | 11.121 | VV  | 94     | 2911   | 0.55%   | 0.077%  |
| 78 | 11.130 | 11.121 | 11.203 | VV  | 62     | 2145   | 0.41%   | 0.057%  |
| 79 | 11.255 | 11.203 | 11.383 | VV  | 47     | 3490   | 0.66%   | 0.092%  |
| 80 | 11.393 | 11.383 | 11.450 | VV  | 60     | 1673   | 0.32%   | 0.044%  |
| 81 | 11.580 | 11.450 | 11.603 | VV  | 62     | 3048   | 0.58%   | 0.081%  |
| 82 | 11.740 | 11.603 | 11.939 | VV  | 170    | 18286  | 3.45%   | 0.484%  |
| 83 | 11.955 | 11.939 | 12.007 | VV  | 57     | 1562   | 0.30%   | 0.041%  |
| 84 | 12.040 | 12.007 | 12.079 | VV  | 47     | 1265   | 0.24%   | 0.034%  |
| 85 | 12.099 | 12.079 | 12.129 | VV  | 38     | 791    | 0.15%   | 0.021%  |
| 86 | 12.161 | 12.129 | 12.184 | VV  | 52     | 1233   | 0.23%   | 0.033%  |
| 87 | 12.194 | 12.184 | 12.234 | VV  | 55     | 830    | 0.16%   | 0.022%  |
| 88 | 12.400 | 12.234 | 12.537 | VV  | 51     | 5430   | 1.03%   | 0.144%  |
| 89 | 12.594 | 12.537 | 12.640 | VV  | 61     | 2027   | 0.38%   | 0.054%  |

|     |        |        |        |                         |       |         |        |         |  |
|-----|--------|--------|--------|-------------------------|-------|---------|--------|---------|--|
|     |        |        |        |                         | rters |         |        |         |  |
| 90  | 12.654 | 12.640 | 12.674 | VV                      | 35    | 624     | 0.12%  | 0.017%  |  |
| 91  | 12.686 | 12.674 | 12.703 | VV                      | 45    | 595     | 0.11%  | 0.016%  |  |
| 92  | 12.720 | 12.703 | 12.736 | VV                      | 37    | 526     | 0.10%  | 0.014%  |  |
| 93  | 12.771 | 12.736 | 12.802 | VV                      | 47    | 976     | 0.18%  | 0.026%  |  |
| 94  | 12.827 | 12.802 | 12.852 | PV                      | 51    | 868     | 0.16%  | 0.023%  |  |
| 95  | 12.863 | 12.852 | 12.936 | VV                      | 38    | 1198    | 0.23%  | 0.032%  |  |
| 96  | 12.976 | 12.936 | 13.013 | VV                      | 33    | 1276    | 0.24%  | 0.034%  |  |
| 97  | 13.031 | 13.013 | 13.049 | VV                      | 44    | 685     | 0.13%  | 0.018%  |  |
| 98  | 13.070 | 13.049 | 13.093 | VV                      | 40    | 770     | 0.15%  | 0.020%  |  |
| 99  | 13.146 | 13.093 | 13.165 | VV                      | 45    | 1352    | 0.26%  | 0.036%  |  |
| 100 | 13.338 | 13.165 | 13.400 | VV                      | 4745  | 208329  | 39.36% | 5.518%  |  |
| 101 | 13.472 | 13.400 | 13.633 | VV                      | 9302  | 416214  | 78.64% | 11.025% |  |
| 102 | 13.663 | 13.633 | 13.710 | VV                      | 49    | 1445    | 0.27%  | 0.038%  |  |
| 103 | 13.725 | 13.710 | 13.739 | VV                      | 31    | 466     | 0.09%  | 0.012%  |  |
| 104 | 13.786 | 13.739 | 13.836 | VV                      | 41    | 1875    | 0.35%  | 0.050%  |  |
| 105 | 13.869 | 13.836 | 13.926 | VV                      | 42    | 1654    | 0.31%  | 0.044%  |  |
| 106 | 14.001 | 13.926 | 14.083 | VV                      | 43    | 2618    | 0.49%  | 0.069%  |  |
| 107 | 14.203 | 14.083 | 14.378 | VV                      | 9486  | 433001  | 81.81% | 11.470% |  |
| 108 | 14.388 | 14.378 | 14.570 | VV                      | 214   | 12420   | 2.35%  | 0.329%  |  |
| 109 | 14.594 | 14.570 | 14.761 | VV                      | 40    | 3083    | 0.58%  | 0.082%  |  |
| 110 | 14.778 | 14.761 | 14.806 | VV                      | 38    | 766     | 0.14%  | 0.020%  |  |
| 111 | 14.825 | 14.806 | 14.858 | VV                      | 49    | 1081    | 0.20%  | 0.029%  |  |
| 112 | 14.873 | 14.858 | 14.989 | VV                      | 43    | 2179    | 0.41%  | 0.058%  |  |
| 113 | 15.029 | 14.989 | 15.090 | VV                      | 45    | 1723    | 0.33%  | 0.046%  |  |
| 114 | 15.132 | 15.090 | 15.219 | VV                      | 47    | 2053    | 0.39%  | 0.054%  |  |
| 115 | 15.251 | 15.219 | 15.300 | VV                      | 35    | 1347    | 0.25%  | 0.036%  |  |
| 116 | 15.353 | 15.300 | 15.369 | VV                      | 66    | 1902    | 0.36%  | 0.050%  |  |
| 117 | 15.406 | 15.369 | 15.463 | VV                      | 70    | 2202    | 0.42%  | 0.058%  |  |
| 118 | 15.516 | 15.463 | 15.549 | VV                      | 49    | 1608    | 0.30%  | 0.043%  |  |
| 119 | 15.568 | 15.549 | 15.592 | VV                      | 54    | 951     | 0.18%  | 0.025%  |  |
| 120 | 15.648 | 15.592 | 15.714 | VV                      | 103   | 5127    | 0.97%  | 0.136%  |  |
| 121 | 15.730 | 15.714 | 15.780 | VV                      | 84    | 2063    | 0.39%  | 0.055%  |  |
| 122 | 15.870 | 15.780 | 15.965 | VV                      | 69    | 4039    | 0.76%  | 0.107%  |  |
| 123 | 16.043 | 15.965 | 16.070 | PV                      | 39    | 1177    | 0.22%  | 0.031%  |  |
| 124 | 16.172 | 16.070 | 16.187 | VV                      | 54    | 1449    | 0.27%  | 0.038%  |  |
| 125 | 16.251 | 16.187 | 16.320 | VV                      | 86    | 3515    | 0.66%  | 0.093%  |  |
| 126 | 16.330 | 16.320 | 16.376 | VV                      | 28    | 329     | 0.06%  | 0.009%  |  |
| 127 | 16.489 | 16.376 | 16.666 | PV                      | 8956  | 374994  | 70.85% | 9.933%  |  |
| 128 | 16.723 | 16.666 | 16.755 | PBA                     | 13    | 385     | 0.07%  | 0.010%  |  |
|     |        |        |        | Sum of corrected areas: |       | 3775109 |        |         |  |

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