

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_B\Data\FB060619\  
 Data File : FB021311.D  
 Signal(s) : FID2B.CH  
 Acq On : 6 Jun 2019 10:32  
 Sample : K3151-03  
 Misc : 5.00g/5.00ml DI WATER  
 ALS Vial : 6 Sample Multiplier: 1

Integration File: SAMPLE.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_B\Method\FB052919.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         | 4.740       | 4.703        | 4.756      | BV       | 38             | 461          | 0.15%          | 0.070%        |
| 2         | 4.768       | 4.756        | 4.785      | PV       | 51             | 576          | 0.18%          | 0.088%        |
| 3         | 4.863       | 4.785        | 4.887      | VV       | 120            | 4799         | 1.52%          | 0.732%        |
| 4         | 4.895       | 4.887        | 4.951      | VV       | 99             | 2250         | 0.71%          | 0.343%        |
| 5         | 4.958       | 4.951        | 4.963      | VV       | 37             | 230          | 0.07%          | 0.035%        |
| 6         | 5.304       | 5.299        | 5.333      | VV       | 79             | 1129         | 0.36%          | 0.172%        |
| 7         | 5.358       | 5.333        | 5.383      | VV       | 61             | 1308         | 0.41%          | 0.200%        |
| 8         | 5.399       | 5.383        | 5.413      | VV       | 69             | 984          | 0.31%          | 0.150%        |
| 9         | 5.724       | 5.703        | 5.750      | VV       | 29             | 476          | 0.15%          | 0.073%        |
| 10        | 5.762       | 5.750        | 5.773      | VV       | 28             | 306          | 0.10%          | 0.047%        |
| 11        | 5.783       | 5.773        | 5.789      | VV       | 27             | 187          | 0.06%          | 0.028%        |
| 12        | 5.801       | 5.789        | 5.811      | VV       | 35             | 327          | 0.10%          | 0.050%        |
| 13        | 5.828       | 5.811        | 5.845      | VV       | 31             | 519          | 0.16%          | 0.079%        |
| 14        | 5.850       | 5.845        | 5.866      | VV       | 37             | 322          | 0.10%          | 0.049%        |
| 15        | 5.876       | 5.866        | 5.897      | VV       | 42             | 602          | 0.19%          | 0.092%        |
| 16        | 5.901       | 5.897        | 5.931      | VV       | 39             | 607          | 0.19%          | 0.093%        |
| 17        | 5.946       | 5.931        | 5.960      | VV       | 31             | 382          | 0.12%          | 0.058%        |
| 18        | 5.973       | 5.960        | 6.003      | PV       | 23             | 403          | 0.13%          | 0.061%        |
| 19        | 6.012       | 6.003        | 6.024      | VV       | 27             | 208          | 0.07%          | 0.032%        |
| 20        | 6.037       | 6.024        | 6.052      | VV       | 21             | 266          | 0.08%          | 0.041%        |
| 21        | 6.088       | 6.052        | 6.122      | VV       | 52             | 1000         | 0.32%          | 0.153%        |
| 22        | 6.147       | 6.122        | 6.156      | PV       | 41             | 595          | 0.19%          | 0.091%        |
| 23        | 6.162       | 6.156        | 6.169      | VV       | 47             | 263          | 0.08%          | 0.040%        |
| 24        | 6.172       | 6.169        | 6.180      | VV       | 37             | 185          | 0.06%          | 0.028%        |
| 25        | 6.209       | 6.180        | 6.225      | VV       | 42             | 794          | 0.25%          | 0.121%        |
| 26        | 6.276       | 6.225        | 6.308      | VV       | 48             | 1380         | 0.44%          | 0.211%        |
| 27        | 6.347       | 6.308        | 6.357      | VV       | 60             | 1360         | 0.43%          | 0.208%        |
| 28        | 6.365       | 6.357        | 6.404      | VV       | 70             | 1362         | 0.43%          | 0.208%        |
| 29        | 6.417       | 6.404        | 6.442      | VV       | 66             | 791          | 0.25%          | 0.121%        |
| 30        | 6.472       | 6.442        | 6.504      | VV       | 45             | 1380         | 0.44%          | 0.211%        |
| 31        | 6.524       | 6.504        | 6.532      | VV       | 61             | 648          | 0.21%          | 0.099%        |
| 32        | 6.554       | 6.532        | 6.568      | VV       | 64             | 888          | 0.28%          | 0.136%        |
| 33        | 6.577       | 6.568        | 6.603      | VV       | 59             | 727          | 0.23%          | 0.111%        |
| 34        | 6.612       | 6.603        | 6.639      | PV       | 54             | 693          | 0.22%          | 0.106%        |
| 35        | 6.665       | 6.639        | 6.710      | VV       | 44             | 1331         | 0.42%          | 0.203%        |
| 36        | 6.719       | 6.710        | 6.733      | VV       | 46             | 453          | 0.14%          | 0.069%        |

|    |        |        |        |    |            |        |         |         |
|----|--------|--------|--------|----|------------|--------|---------|---------|
|    |        |        |        |    | rteres.txt |        |         |         |
| 37 | 6.746  | 6.733  | 6.766  | VV | 36         | 493    | 0.16%   | 0.075%  |
| 38 | 6.775  | 6.766  | 6.785  | VV | 37         | 355    | 0.11%   | 0.054%  |
| 39 | 7.201  | 7.191  | 7.205  | VV | 76         | 546    | 0.17%   | 0.083%  |
| 40 | 7.219  | 7.205  | 7.306  | VV | 94         | 3558   | 1.13%   | 0.543%  |
|    |        |        |        |    |            |        |         |         |
| 41 | 7.318  | 7.306  | 7.345  | VV | 51         | 738    | 0.23%   | 0.113%  |
| 42 | 7.356  | 7.345  | 7.370  | PV | 36         | 419    | 0.13%   | 0.064%  |
| 43 | 7.392  | 7.370  | 7.402  | VV | 49         | 753    | 0.24%   | 0.115%  |
| 44 | 7.420  | 7.402  | 7.441  | VV | 45         | 807    | 0.26%   | 0.123%  |
| 45 | 7.459  | 7.441  | 7.478  | VV | 57         | 688    | 0.22%   | 0.105%  |
|    |        |        |        |    |            |        |         |         |
| 46 | 7.484  | 7.478  | 7.490  | VV | 35         | 198    | 0.06%   | 0.030%  |
| 47 | 7.502  | 7.490  | 7.520  | VV | 47         | 592    | 0.19%   | 0.090%  |
| 48 | 7.583  | 7.520  | 7.596  | VV | 61         | 1753   | 0.56%   | 0.268%  |
| 49 | 7.625  | 7.596  | 7.635  | VV | 108        | 1138   | 0.36%   | 0.174%  |
| 50 | 7.650  | 7.635  | 7.660  | VV | 56         | 508    | 0.16%   | 0.078%  |
|    |        |        |        |    |            |        |         |         |
| 51 | 7.691  | 7.660  | 7.713  | VV | 52         | 1022   | 0.32%   | 0.156%  |
| 52 | 7.726  | 7.713  | 7.745  | VV | 41         | 504    | 0.16%   | 0.077%  |
| 53 | 7.756  | 7.745  | 7.790  | VV | 40         | 758    | 0.24%   | 0.116%  |
| 54 | 7.832  | 7.790  | 7.855  | VV | 69         | 1806   | 0.57%   | 0.276%  |
| 55 | 7.865  | 7.855  | 7.879  | VV | 49         | 563    | 0.18%   | 0.086%  |
|    |        |        |        |    |            |        |         |         |
| 56 | 7.891  | 7.879  | 7.915  | VV | 41         | 674    | 0.21%   | 0.103%  |
| 57 | 7.952  | 7.915  | 7.963  | VV | 84         | 1153   | 0.37%   | 0.176%  |
| 58 | 7.979  | 7.963  | 8.010  | VV | 59         | 998    | 0.32%   | 0.152%  |
| 59 | 8.039  | 8.010  | 8.051  | VV | 54         | 820    | 0.26%   | 0.125%  |
| 60 | 8.064  | 8.051  | 8.087  | VV | 46         | 689    | 0.22%   | 0.105%  |
|    |        |        |        |    |            |        |         |         |
| 61 | 8.111  | 8.087  | 8.151  | VV | 63         | 1591   | 0.50%   | 0.243%  |
| 62 | 8.162  | 8.151  | 8.173  | VV | 51         | 516    | 0.16%   | 0.079%  |
| 63 | 8.185  | 8.173  | 8.193  | VV | 42         | 443    | 0.14%   | 0.068%  |
| 64 | 8.208  | 8.193  | 8.221  | VV | 53         | 683    | 0.22%   | 0.104%  |
| 65 | 8.230  | 8.221  | 8.239  | VV | 39         | 329    | 0.10%   | 0.050%  |
|    |        |        |        |    |            |        |         |         |
| 66 | 8.264  | 8.239  | 8.291  | VV | 48         | 1094   | 0.35%   | 0.167%  |
| 67 | 8.319  | 8.291  | 8.352  | VV | 50         | 1223   | 0.39%   | 0.187%  |
| 68 | 8.367  | 8.352  | 8.376  | VV | 50         | 501    | 0.16%   | 0.076%  |
| 69 | 8.392  | 8.376  | 8.434  | VV | 63         | 1331   | 0.42%   | 0.203%  |
| 70 | 8.448  | 8.434  | 8.468  | VV | 60         | 804    | 0.25%   | 0.123%  |
|    |        |        |        |    |            |        |         |         |
| 71 | 8.481  | 8.468  | 8.511  | VV | 54         | 902    | 0.29%   | 0.138%  |
| 72 | 8.518  | 8.511  | 8.592  | VV | 44         | 1569   | 0.50%   | 0.239%  |
| 73 | 8.599  | 8.592  | 8.608  | VV | 46         | 328    | 0.10%   | 0.050%  |
| 74 | 8.619  | 8.608  | 8.654  | VV | 60         | 1115   | 0.35%   | 0.170%  |
| 75 | 8.662  | 8.654  | 8.682  | VV | 46         | 538    | 0.17%   | 0.082%  |
|    |        |        |        |    |            |        |         |         |
| 76 | 8.691  | 8.682  | 8.712  | VV | 64         | 830    | 0.26%   | 0.127%  |
| 77 | 8.723  | 8.712  | 8.762  | VV | 54         | 1278   | 0.40%   | 0.195%  |
| 78 | 8.777  | 8.762  | 8.800  | VV | 64         | 1009   | 0.32%   | 0.154%  |
| 79 | 8.809  | 8.800  | 8.833  | VV | 39         | 695    | 0.22%   | 0.106%  |
| 80 | 8.846  | 8.833  | 8.856  | VV | 61         | 502    | 0.16%   | 0.077%  |
|    |        |        |        |    |            |        |         |         |
| 81 | 8.998  | 8.856  | 9.162  | VV | 5675       | 315892 | 100.00% | 48.205% |
| 82 | 9.238  | 9.162  | 9.260  | VV | 71         | 2887   | 0.91%   | 0.441%  |
| 83 | 10.349 | 10.333 | 10.418 | VV | 48         | 1703   | 0.54%   | 0.260%  |
| 84 | 10.609 | 10.418 | 10.775 | VV | 329        | 34171  | 10.82%  | 5.215%  |
| 85 | 10.792 | 10.775 | 10.843 | VV | 67         | 2248   | 0.71%   | 0.343%  |
|    |        |        |        |    |            |        |         |         |
| 86 | 10.892 | 10.843 | 10.961 | VV | 90         | 4327   | 1.37%   | 0.660%  |
| 87 | 10.977 | 10.961 | 11.001 | VV | 66         | 1322   | 0.42%   | 0.202%  |
| 88 | 11.019 | 11.001 | 11.034 | VV | 76         | 1182   | 0.37%   | 0.180%  |
| 89 | 11.044 | 11.034 | 11.098 | VV | 63         | 2074   | 0.66%   | 0.316%  |

|     |        |        |        |    |            |       |       |        |
|-----|--------|--------|--------|----|------------|-------|-------|--------|
|     |        |        |        |    | rteres.txt |       |       |        |
| 90  | 11.113 | 11.098 | 11.169 | VV | 64         | 1426  | 0.45% | 0.218% |
| 91  | 11.178 | 11.169 | 11.194 | VV | 39         | 498   | 0.16% | 0.076% |
| 92  | 11.208 | 11.194 | 11.230 | VV | 46         | 716   | 0.23% | 0.109% |
| 93  | 11.241 | 11.230 | 11.281 | VV | 58         | 974   | 0.31% | 0.149% |
| 94  | 11.296 | 11.281 | 11.310 | PV | 33         | 420   | 0.13% | 0.064% |
| 95  | 11.340 | 11.310 | 11.361 | VV | 44         | 1008  | 0.32% | 0.154% |
| 96  | 11.382 | 11.361 | 11.453 | VV | 65         | 2196  | 0.70% | 0.335% |
| 97  | 11.478 | 11.453 | 11.501 | VV | 30         | 838   | 0.27% | 0.128% |
| 98  | 11.736 | 11.501 | 11.843 | VV | 180        | 18398 | 5.82% | 2.808% |
| 99  | 11.859 | 11.843 | 11.887 | VV | 68         | 1053  | 0.33% | 0.161% |
| 100 | 11.960 | 11.887 | 11.979 | VV | 62         | 2290  | 0.72% | 0.349% |
| 101 | 11.996 | 11.979 | 12.057 | VV | 53         | 2064  | 0.65% | 0.315% |
| 102 | 12.078 | 12.057 | 12.095 | VV | 53         | 953   | 0.30% | 0.145% |
| 103 | 12.124 | 12.095 | 12.146 | VV | 83         | 1304  | 0.41% | 0.199% |
| 104 | 12.179 | 12.146 | 12.289 | VV | 61         | 3274  | 1.04% | 0.500% |
| 105 | 12.344 | 12.289 | 12.383 | VV | 68         | 2770  | 0.88% | 0.423% |
| 106 | 12.403 | 12.383 | 12.430 | VV | 65         | 1426  | 0.45% | 0.218% |
| 107 | 12.444 | 12.430 | 12.463 | VV | 54         | 964   | 0.31% | 0.147% |
| 108 | 12.571 | 12.463 | 12.594 | VV | 91         | 4296  | 1.36% | 0.656% |
| 109 | 12.617 | 12.594 | 12.687 | VV | 84         | 2610  | 0.83% | 0.398% |
| 110 | 12.757 | 12.687 | 12.792 | VV | 44         | 2167  | 0.69% | 0.331% |
| 111 | 12.861 | 12.792 | 12.875 | VV | 61         | 1597  | 0.51% | 0.244% |
| 112 | 12.971 | 12.875 | 13.045 | VV | 80         | 4326  | 1.37% | 0.660% |
| 113 | 13.059 | 13.045 | 13.070 | VV | 43         | 529   | 0.17% | 0.081% |
| 114 | 13.101 | 13.070 | 13.131 | VV | 52         | 1376  | 0.44% | 0.210% |
| 115 | 13.272 | 13.131 | 13.349 | VV | 85         | 6030  | 1.91% | 0.920% |
| 116 | 13.409 | 13.349 | 13.481 | VV | 76         | 4133  | 1.31% | 0.631% |
| 117 | 13.493 | 13.481 | 13.534 | VV | 64         | 1362  | 0.43% | 0.208% |
| 118 | 13.569 | 13.534 | 13.626 | VV | 58         | 2112  | 0.67% | 0.322% |
| 119 | 13.659 | 13.626 | 13.714 | VV | 53         | 1962  | 0.62% | 0.299% |
| 120 | 13.729 | 13.714 | 13.747 | VV | 48         | 759   | 0.24% | 0.116% |
| 121 | 13.781 | 13.747 | 13.802 | VV | 63         | 1507  | 0.48% | 0.230% |
| 122 | 13.828 | 13.802 | 13.843 | VV | 60         | 1164  | 0.37% | 0.178% |
| 123 | 13.859 | 13.843 | 13.884 | VV | 64         | 1145  | 0.36% | 0.175% |
| 124 | 13.921 | 13.884 | 13.972 | VV | 50         | 2025  | 0.64% | 0.309% |
| 125 | 14.072 | 13.972 | 14.106 | VV | 78         | 4027  | 1.27% | 0.614% |
| 126 | 14.145 | 14.106 | 14.171 | VV | 83         | 2407  | 0.76% | 0.367% |
| 127 | 14.363 | 14.171 | 14.527 | VV | 225        | 25997 | 8.23% | 3.967% |
| 128 | 14.541 | 14.527 | 14.548 | VV | 58         | 676   | 0.21% | 0.103% |
| 129 | 14.590 | 14.548 | 14.733 | VV | 101        | 7565  | 2.39% | 1.154% |
| 130 | 14.794 | 14.733 | 14.869 | VV | 73         | 4221  | 1.34% | 0.644% |
| 131 | 14.919 | 14.869 | 14.933 | VV | 66         | 1908  | 0.60% | 0.291% |
| 132 | 14.947 | 14.933 | 14.983 | VV | 67         | 1583  | 0.50% | 0.242% |
| 133 | 15.021 | 14.983 | 15.045 | VV | 66         | 1803  | 0.57% | 0.275% |
| 134 | 15.100 | 15.045 | 15.244 | VV | 79         | 7020  | 2.22% | 1.071% |
| 135 | 15.288 | 15.244 | 15.409 | VV | 139        | 10504 | 3.33% | 1.603% |
| 136 | 15.469 | 15.409 | 15.558 | VV | 104        | 7604  | 2.41% | 1.160% |
| 137 | 15.748 | 15.558 | 15.913 | VV | 142        | 19998 | 6.33% | 3.052% |
| 138 | 15.941 | 15.913 | 15.991 | VV | 86         | 3452  | 1.09% | 0.527% |
| 139 | 16.047 | 15.991 | 16.082 | VV | 83         | 3880  | 1.23% | 0.592% |
| 140 | 16.211 | 16.082 | 16.348 | VV | 198        | 19015 | 6.02% | 2.902% |
| 141 | 16.446 | 16.348 | 16.542 | VV | 157        | 13521 | 4.28% | 2.063% |

|     |        |        |        |                         |            |      |        |        |
|-----|--------|--------|--------|-------------------------|------------|------|--------|--------|
|     |        |        |        |                         | rteres.txt |      |        |        |
| 142 | 16.572 | 16.542 | 16.604 | VBA                     | 111        | 3648 | 1.15%  | 0.557% |
|     |        |        |        | Sum of corrected areas: |            |      | 655308 |        |

FB052919.M Fri Jun 07 09:35:41 2019