

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_B\Data\FB022719\  
 Data File : FB019927.D  
 Signal(s) : FID2B.CH  
 Acq On : 27 Feb 2019 14:49  
 Sample : K1631-01MSD  
 Misc : 5.03g/5.00ml DI WATER  
 ALS Vial : 12 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         | 4.896       | 4.804        | 5.030      | PH       | 7665           | 535010       | 100.00%        | 13.806%       |
| 2         | 5.088       | 5.030        | 5.291      | VV       | 1009           | 56651        | 10.59%         | 1.462%        |
| 3         | 5.375       | 5.291        | 5.391      | VV       | 45             | 1811         | 0.34%          | 0.047%        |
| 4         | 5.406       | 5.391        | 5.450      | VV       | 36             | 791          | 0.15%          | 0.020%        |
| 5         | 5.577       | 5.450        | 5.715      | VV       | 1453           | 89372        | 16.70%         | 2.306%        |
| 6         | 5.728       | 5.715        | 5.750      | VV       | 36             | 552          | 0.10%          | 0.014%        |
| 7         | 5.767       | 5.750        | 5.812      | VV       | 27             | 784          | 0.15%          | 0.020%        |
| 8         | 5.827       | 5.812        | 5.879      | VV       | 40             | 1013         | 0.19%          | 0.026%        |
| 9         | 5.906       | 5.879        | 5.923      | PV       | 31             | 495          | 0.09%          | 0.013%        |
| 10        | 5.937       | 5.923        | 6.001      | VBA      | 36             | -538         | -0.10%         | -0.014%       |
| 11        | 6.051       | 6.001        | 6.093      | BV       | 26             | -63          | -0.01%         | -0.002%       |
| 12        | 6.119       | 6.093        | 6.140      | PV       | 19             | 270          | 0.05%          | 0.007%        |
| 13        | 6.156       | 6.140        | 6.179      | PV       | 21             | 321          | 0.06%          | 0.008%        |
| 14        | 6.224       | 6.179        | 6.240      | VV       | 40             | 750          | 0.14%          | 0.019%        |
| 15        | 6.259       | 6.240        | 6.276      | VV       | 21             | 285          | 0.05%          | 0.007%        |
| 16        | 6.384       | 6.276        | 6.507      | PV       | 48             | 3491         | 0.65%          | 0.090%        |
| 17        | 6.522       | 6.507        | 6.586      | VV       | 45             | 1277         | 0.24%          | 0.033%        |
| 18        | 6.615       | 6.586        | 6.675      | VV       | 60             | 1990         | 0.37%          | 0.051%        |
| 19        | 6.696       | 6.675        | 6.728      | VV       | 25             | 455          | 0.09%          | 0.012%        |
| 20        | 6.784       | 6.728        | 6.803      | VV       | 47             | 1135         | 0.21%          | 0.029%        |
| 21        | 6.809       | 6.803        | 6.845      | VV       | 43             | 492          | 0.09%          | 0.013%        |
| 22        | 6.855       | 6.845        | 6.951      | VV       | 27             | 1082         | 0.20%          | 0.028%        |
| 23        | 6.979       | 6.951        | 7.061      | VV       | 37             | 1595         | 0.30%          | 0.041%        |
| 24        | 7.075       | 7.061        | 7.101      | VV       | 45             | 783          | 0.15%          | 0.020%        |
| 25        | 7.128       | 7.101        | 7.151      | VV       | 43             | 936          | 0.17%          | 0.024%        |
| 26        | 7.193       | 7.151        | 7.223      | VV       | 42             | 1237         | 0.23%          | 0.032%        |
| 27        | 7.239       | 7.223        | 7.279      | VV       | 42             | 1119         | 0.21%          | 0.029%        |
| 28        | 7.301       | 7.279        | 7.319      | VV       | 54             | 877          | 0.16%          | 0.023%        |
| 29        | 7.338       | 7.319        | 7.360      | VV       | 88             | 1048         | 0.20%          | 0.027%        |
| 30        | 7.379       | 7.360        | 7.412      | VV       | 47             | 987          | 0.18%          | 0.025%        |
| 31        | 7.656       | 7.412        | 7.872      | VV       | 6095           | 502355       | 93.90%         | 12.963%       |
| 32        | 7.996       | 7.872        | 8.064      | VV       | 2804           | 153419       | 28.68%         | 3.959%        |
| 33        | 8.135       | 8.064        | 8.275      | VV       | 3835           | 202869       | 37.92%         | 5.235%        |
| 34        | 8.315       | 8.275        | 8.365      | VV       | 125            | 4493         | 0.84%          | 0.116%        |
| 35        | 8.380       | 8.365        | 8.451      | PV       | 66             | 1702         | 0.32%          | 0.044%        |
| 36        | 8.552       | 8.451        | 8.606      | VV       | 58             | 3415         | 0.64%          | 0.088%        |

|    |        |        |        |     |        |        |        |         |
|----|--------|--------|--------|-----|--------|--------|--------|---------|
|    |        |        |        |     | rteres |        |        |         |
| 37 | 8.619  | 8.606  | 8.670  | VV  | 47     | 1105   | 0.21%  | 0.029%  |
| 38 | 8.757  | 8.670  | 8.785  | VV  | 45     | 1456   | 0.27%  | 0.038%  |
| 39 | 8.795  | 8.785  | 8.862  | VV  | 26     | 662    | 0.12%  | 0.017%  |
| 40 | 9.043  | 8.862  | 9.195  | PV  | 4032   | 223005 | 41.68% | 5.755%  |
| 41 | 9.213  | 9.195  | 9.252  | PBA | 37     | 429    | 0.08%  | 0.011%  |
| 42 | 9.323  | 9.252  | 9.350  | BV  | 46     | 422    | 0.08%  | 0.011%  |
| 43 | 9.418  | 9.350  | 9.519  | PV  | 97     | 6836   | 1.28%  | 0.176%  |
| 44 | 9.634  | 9.519  | 9.795  | VV  | 154    | 14799  | 2.77%  | 0.382%  |
| 45 | 9.809  | 9.795  | 9.884  | VV  | 75     | 2582   | 0.48%  | 0.067%  |
| 46 | 10.053 | 9.884  | 10.115 | VV  | 104    | 9356   | 1.75%  | 0.241%  |
| 47 | 10.129 | 10.115 | 10.178 | VV  | 65     | 1709   | 0.32%  | 0.044%  |
| 48 | 10.202 | 10.178 | 10.228 | VV  | 60     | 1180   | 0.22%  | 0.030%  |
| 49 | 10.248 | 10.228 | 10.294 | VV  | 53     | 1716   | 0.32%  | 0.044%  |
| 50 | 10.326 | 10.294 | 10.342 | VV  | 57     | 1164   | 0.22%  | 0.030%  |
| 51 | 10.357 | 10.342 | 10.436 | VV  | 56     | 2330   | 0.44%  | 0.060%  |
| 52 | 10.472 | 10.436 | 10.526 | VV  | 52     | 1989   | 0.37%  | 0.051%  |
| 53 | 10.554 | 10.526 | 10.587 | VV  | 60     | 1787   | 0.33%  | 0.046%  |
| 54 | 10.607 | 10.587 | 10.631 | VV  | 63     | 1373   | 0.26%  | 0.035%  |
| 55 | 10.641 | 10.631 | 10.660 | VV  | 49     | 884    | 0.17%  | 0.023%  |
| 56 | 10.670 | 10.660 | 10.687 | VV  | 61     | 764    | 0.14%  | 0.020%  |
| 57 | 10.890 | 10.687 | 11.212 | VV  | 10754  | 509169 | 95.17% | 13.139% |
| 58 | 11.233 | 11.212 | 11.277 | VV  | 52     | 1503   | 0.28%  | 0.039%  |
| 59 | 11.288 | 11.277 | 11.301 | VV  | 38     | 518    | 0.10%  | 0.013%  |
| 60 | 11.422 | 11.301 | 11.515 | VV  | 68     | 4990   | 0.93%  | 0.129%  |
| 61 | 11.533 | 11.515 | 11.550 | VV  | 46     | 796    | 0.15%  | 0.021%  |
| 62 | 11.579 | 11.550 | 11.637 | VV  | 67     | 2542   | 0.48%  | 0.066%  |
| 63 | 11.673 | 11.637 | 11.733 | VV  | 107    | 2858   | 0.53%  | 0.074%  |
| 64 | 11.769 | 11.733 | 11.795 | VV  | 58     | 1348   | 0.25%  | 0.035%  |
| 65 | 11.811 | 11.795 | 11.879 | VV  | 41     | 1531   | 0.29%  | 0.040%  |
| 66 | 11.922 | 11.879 | 12.012 | VV  | 63     | 2620   | 0.49%  | 0.068%  |
| 67 | 12.023 | 12.012 | 12.053 | VV  | 47     | 932    | 0.17%  | 0.024%  |
| 68 | 12.070 | 12.053 | 12.122 | VV  | 57     | 1727   | 0.32%  | 0.045%  |
| 69 | 12.139 | 12.122 | 12.190 | VV  | 52     | 1617   | 0.30%  | 0.042%  |
| 70 | 12.201 | 12.190 | 12.222 | VV  | 55     | 730    | 0.14%  | 0.019%  |
| 71 | 12.239 | 12.222 | 12.290 | VV  | 56     | 1560   | 0.29%  | 0.040%  |
| 72 | 12.385 | 12.290 | 12.479 | VV  | 55     | 4438   | 0.83%  | 0.115%  |
| 73 | 12.501 | 12.479 | 12.605 | VV  | 56     | 3618   | 0.68%  | 0.093%  |
| 74 | 12.634 | 12.605 | 12.734 | VV  | 76     | 3704   | 0.69%  | 0.096%  |
| 75 | 12.750 | 12.734 | 12.852 | VV  | 49     | 1512   | 0.28%  | 0.039%  |
| 76 | 12.896 | 12.852 | 12.961 | VV  | 52     | 2148   | 0.40%  | 0.055%  |
| 77 | 12.974 | 12.961 | 13.003 | VV  | 44     | 897    | 0.17%  | 0.023%  |
| 78 | 13.084 | 13.003 | 13.131 | VV  | 64     | 3280   | 0.61%  | 0.085%  |
| 79 | 13.136 | 13.131 | 13.150 | VV  | 39     | 382    | 0.07%  | 0.010%  |
| 80 | 13.169 | 13.150 | 13.220 | VV  | 55     | 1374   | 0.26%  | 0.035%  |
| 81 | 13.341 | 13.220 | 13.403 | VV  | 4476   | 196080 | 36.65% | 5.060%  |
| 82 | 13.475 | 13.403 | 13.621 | VV  | 9136   | 408154 | 76.29% | 10.533% |
| 83 | 13.635 | 13.621 | 13.699 | VV  | 62     | 1855   | 0.35%  | 0.048%  |
| 84 | 13.731 | 13.699 | 13.783 | VV  | 43     | 1679   | 0.31%  | 0.043%  |
| 85 | 13.821 | 13.783 | 13.836 | VV  | 48     | 1018   | 0.19%  | 0.026%  |
| 86 | 13.860 | 13.836 | 13.891 | VV  | 40     | 975    | 0.18%  | 0.025%  |
| 87 | 13.939 | 13.891 | 13.955 | VV  | 56     | 1225   | 0.23%  | 0.032%  |
| 88 | 13.970 | 13.955 | 14.088 | VV  | 42     | 2623   | 0.49%  | 0.068%  |
| 89 | 14.206 | 14.088 | 14.353 | VV  | 9140   | 410955 | 76.81% | 10.605% |

|     |        |        |        |     |        |        |        |         |  |
|-----|--------|--------|--------|-----|--------|--------|--------|---------|--|
|     |        |        |        |     | rteres |        |        |         |  |
| 90  | 14.390 | 14.353 | 14.422 | VV  | 98     | 3468   | 0.65%  | 0.089%  |  |
| 91  | 14.434 | 14.422 | 14.467 | VV  | 94     | 2110   | 0.39%  | 0.054%  |  |
| 92  | 14.470 | 14.467 | 14.596 | VV  | 78     | 3044   | 0.57%  | 0.079%  |  |
| 93  | 14.668 | 14.596 | 14.709 | VV  | 66     | 2646   | 0.49%  | 0.068%  |  |
| 94  | 14.784 | 14.709 | 14.809 | VV  | 38     | 1720   | 0.32%  | 0.044%  |  |
| 95  | 14.846 | 14.809 | 14.973 | VV  | 55     | 3339   | 0.62%  | 0.086%  |  |
| 96  | 15.006 | 14.973 | 15.021 | PV  | 32     | 697    | 0.13%  | 0.018%  |  |
| 97  | 15.044 | 15.021 | 15.128 | VV  | 42     | 1686   | 0.32%  | 0.043%  |  |
| 98  | 15.150 | 15.128 | 15.170 | VV  | 54     | 689    | 0.13%  | 0.018%  |  |
| 99  | 15.207 | 15.170 | 15.287 | VV  | 52     | 2173   | 0.41%  | 0.056%  |  |
| 100 | 15.325 | 15.287 | 15.339 | VV  | 41     | 776    | 0.15%  | 0.020%  |  |
| 101 | 15.369 | 15.339 | 15.452 | VV  | 64     | 2377   | 0.44%  | 0.061%  |  |
| 102 | 15.468 | 15.452 | 15.491 | VV  | 43     | 662    | 0.12%  | 0.017%  |  |
| 103 | 15.577 | 15.491 | 15.664 | VV  | 46     | 2395   | 0.45%  | 0.062%  |  |
| 104 | 15.697 | 15.664 | 15.714 | VV  | 37     | 711    | 0.13%  | 0.018%  |  |
| 105 | 15.815 | 15.714 | 15.886 | VV  | 66     | 4696   | 0.88%  | 0.121%  |  |
| 106 | 15.925 | 15.886 | 15.944 | VV  | 21     | 459    | 0.09%  | 0.012%  |  |
| 107 | 16.054 | 15.944 | 16.114 | VV  | 44     | 2219   | 0.41%  | 0.057%  |  |
| 108 | 16.250 | 16.114 | 16.355 | PV  | 77     | 5252   | 0.98%  | 0.136%  |  |
| 109 | 16.493 | 16.355 | 16.677 | PV  | 9598   | 402851 | 75.30% | 10.396% |  |
| 110 | 16.709 | 16.677 | 16.755 | PBA | 50     | 1050   | 0.20%  | 0.027%  |  |

Sum of corrected areas: 3875181

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