

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_B\Data\FB081419\  
 Data File : FB022012.D  
 Signal(s) : FID2B.CH  
 Acq On : 14 Aug 2019 16:24  
 Sample : K4340-03MS  
 Misc : 5.03/5.00ml DI WATER  
 ALS Vial : 6 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         | 4.866       | 4.703        | 5.015      | BV       | 10754          | 754153       | 100.00%        | 15.460%       |
| 2         | 5.055       | 5.015        | 5.186      | VV       | 629            | 31345        | 4.16%          | 0.643%        |
| 3         | 5.206       | 5.186        | 5.252      | PV       | 95             | 1970         | 0.26%          | 0.040%        |
| 4         | 5.274       | 5.252        | 5.301      | VV       | 32             | 673          | 0.09%          | 0.014%        |
| 5         | 5.314       | 5.301        | 5.407      | VV       | 44             | 1380         | 0.18%          | 0.028%        |
| 6         | 5.415       | 5.407        | 5.430      | VV       | 21             | 168          | 0.02%          | 0.003%        |
| 7         | 5.438       | 5.430        | 5.446      | PV       | 41             | 228          | 0.03%          | 0.005%        |
| 8         | 5.530       | 5.446        | 5.537      | VV       | 652            | 19629        | 2.60%          | 0.402%        |
| 9         | 5.552       | 5.537        | 5.646      | VV       | 688            | 24375        | 3.23%          | 0.500%        |
| 10        | 5.656       | 5.646        | 5.711      | VV       | 94             | 2135         | 0.28%          | 0.044%        |
| 11        | 5.722       | 5.711        | 5.744      | PV       | 58             | 825          | 0.11%          | 0.017%        |
| 12        | 5.752       | 5.744        | 5.767      | VV       | 45             | 569          | 0.08%          | 0.012%        |
| 13        | 5.776       | 5.767        | 5.820      | VV       | 57             | 1367         | 0.18%          | 0.028%        |
| 14        | 5.845       | 5.820        | 5.887      | VV       | 89             | 1969         | 0.26%          | 0.040%        |
| 15        | 5.902       | 5.887        | 5.912      | VV       | 71             | 734          | 0.10%          | 0.015%        |
| 16        | 5.938       | 5.912        | 5.958      | VV       | 98             | 2093         | 0.28%          | 0.043%        |
| 17        | 5.966       | 5.958        | 5.978      | VV       | 76             | 718          | 0.10%          | 0.015%        |
| 18        | 6.010       | 5.978        | 6.024      | VV       | 81             | 1696         | 0.22%          | 0.035%        |
| 19        | 6.061       | 6.024        | 6.088      | PV       | 95             | 2901         | 0.38%          | 0.059%        |
| 20        | 6.115       | 6.088        | 6.140      | VV       | 130            | 3180         | 0.42%          | 0.065%        |
| 21        | 6.149       | 6.140        | 6.160      | VV       | 94             | 975          | 0.13%          | 0.020%        |
| 22        | 6.171       | 6.160        | 6.197      | VV       | 89             | 1719         | 0.23%          | 0.035%        |
| 23        | 6.209       | 6.197        | 6.219      | VV       | 98             | 1033         | 0.14%          | 0.021%        |
| 24        | 6.229       | 6.219        | 6.241      | VV       | 87             | 932          | 0.12%          | 0.019%        |
| 25        | 6.247       | 6.241        | 6.257      | VV       | 64             | 509          | 0.07%          | 0.010%        |
| 26        | 6.275       | 6.257        | 6.287      | VV       | 93             | 1179         | 0.16%          | 0.024%        |
| 27        | 6.295       | 6.287        | 6.306      | VV       | 75             | 701          | 0.09%          | 0.014%        |
| 28        | 6.347       | 6.306        | 6.357      | VV       | 84             | 1911         | 0.25%          | 0.039%        |
| 29        | 6.365       | 6.357        | 6.379      | VV       | 73             | 807          | 0.11%          | 0.017%        |
| 30        | 6.387       | 6.379        | 6.397      | VV       | 57             | 484          | 0.06%          | 0.010%        |
| 31        | 6.418       | 6.397        | 6.464      | VV       | 91             | 2383         | 0.32%          | 0.049%        |
| 32        | 6.481       | 6.464        | 6.522      | VV       | 65             | 1678         | 0.22%          | 0.034%        |
| 33        | 6.567       | 6.522        | 6.610      | VV       | 107            | 3707         | 0.49%          | 0.076%        |
| 34        | 6.625       | 6.610        | 6.658      | VV       | 67             | 1541         | 0.20%          | 0.032%        |
| 35        | 6.678       | 6.658        | 6.694      | VV       | 59             | 989          | 0.13%          | 0.020%        |
| 36        | 6.703       | 6.694        | 6.724      | VV       | 48             | 760          | 0.10%          | 0.016%        |

| rteres.txt |        |        |        |    |       |        |        |         |  |
|------------|--------|--------|--------|----|-------|--------|--------|---------|--|
| 37         | 6.733  | 6.724  | 6.745  | VV | 58    | 564    | 0.07%  | 0.012%  |  |
| 38         | 6.786  | 6.745  | 6.808  | VV | 83    | 2019   | 0.27%  | 0.041%  |  |
| 39         | 6.837  | 6.808  | 6.855  | VV | 72    | 1513   | 0.20%  | 0.031%  |  |
| 40         | 6.862  | 6.855  | 6.876  | VV | 56    | 627    | 0.08%  | 0.013%  |  |
| 41         | 6.883  | 6.876  | 6.895  | VV | 51    | 531    | 0.07%  | 0.011%  |  |
| 42         | 6.906  | 6.895  | 6.912  | VV | 59    | 458    | 0.06%  | 0.009%  |  |
| 43         | 6.932  | 6.912  | 6.942  | VV | 74    | 1091   | 0.14%  | 0.022%  |  |
| 44         | 7.009  | 6.942  | 7.026  | VV | 71    | 2874   | 0.38%  | 0.059%  |  |
| 45         | 7.099  | 7.026  | 7.136  | VV | 127   | 4983   | 0.66%  | 0.102%  |  |
| 46         | 7.244  | 7.136  | 7.311  | VV | 167   | 11844  | 1.57%  | 0.243%  |  |
| 47         | 7.326  | 7.311  | 7.396  | VV | 119   | 4307   | 0.57%  | 0.088%  |  |
| 48         | 7.613  | 7.396  | 7.818  | VV | 8308  | 684990 | 90.83% | 14.043% |  |
| 49         | 7.953  | 7.818  | 8.018  | VV | 3821  | 211165 | 28.00% | 4.329%  |  |
| 50         | 8.088  | 8.018  | 8.235  | VV | 5667  | 293646 | 38.94% | 6.020%  |  |
| 51         | 8.249  | 8.235  | 8.324  | VV | 116   | 4354   | 0.58%  | 0.089%  |  |
| 52         | 8.335  | 8.324  | 8.389  | VV | 79    | 2159   | 0.29%  | 0.044%  |  |
| 53         | 8.439  | 8.389  | 8.556  | VV | 120   | 7339   | 0.97%  | 0.150%  |  |
| 54         | 8.569  | 8.556  | 8.608  | VV | 51    | 1516   | 0.20%  | 0.031%  |  |
| 55         | 8.623  | 8.608  | 8.650  | VV | 77    | 1370   | 0.18%  | 0.028%  |  |
| 56         | 8.716  | 8.650  | 8.798  | VV | 109   | 6566   | 0.87%  | 0.135%  |  |
| 57         | 8.808  | 8.798  | 8.859  | VV | 86    | 2122   | 0.28%  | 0.044%  |  |
| 58         | 8.994  | 8.859  | 9.173  | VV | 5266  | 297022 | 39.38% | 6.089%  |  |
| 59         | 9.197  | 9.173  | 9.216  | VV | 107   | 2132   | 0.28%  | 0.044%  |  |
| 60         | 9.235  | 9.216  | 9.287  | VV | 85    | 2684   | 0.36%  | 0.055%  |  |
| 61         | 9.323  | 9.287  | 9.348  | VV | 89    | 2564   | 0.34%  | 0.053%  |  |
| 62         | 9.376  | 9.348  | 9.440  | VV | 119   | 5032   | 0.67%  | 0.103%  |  |
| 63         | 9.457  | 9.440  | 9.525  | VV | 135   | 4213   | 0.56%  | 0.086%  |  |
| 64         | 9.579  | 9.525  | 9.598  | VV | 115   | 3651   | 0.48%  | 0.075%  |  |
| 65         | 9.621  | 9.598  | 9.643  | VV | 106   | 2447   | 0.32%  | 0.050%  |  |
| 66         | 9.670  | 9.643  | 9.728  | VV | 92    | 3801   | 0.50%  | 0.078%  |  |
| 67         | 9.748  | 9.728  | 9.760  | VV | 54    | 807    | 0.11%  | 0.017%  |  |
| 68         | 9.775  | 9.760  | 9.792  | VV | 56    | 950    | 0.13%  | 0.019%  |  |
| 69         | 9.893  | 9.792  | 9.910  | VV | 75    | 3850   | 0.51%  | 0.079%  |  |
| 70         | 9.934  | 9.910  | 9.946  | VV | 68    | 1160   | 0.15%  | 0.024%  |  |
| 71         | 9.974  | 9.946  | 9.989  | VV | 90    | 1746   | 0.23%  | 0.036%  |  |
| 72         | 10.000 | 9.989  | 10.056 | VV | 89    | 2428   | 0.32%  | 0.050%  |  |
| 73         | 10.128 | 10.056 | 10.174 | VV | 79    | 3743   | 0.50%  | 0.077%  |  |
| 74         | 10.192 | 10.174 | 10.208 | VV | 80    | 1155   | 0.15%  | 0.024%  |  |
| 75         | 10.252 | 10.208 | 10.325 | VV | 93    | 4199   | 0.56%  | 0.086%  |  |
| 76         | 10.374 | 10.325 | 10.393 | VV | 80    | 2241   | 0.30%  | 0.046%  |  |
| 77         | 10.411 | 10.393 | 10.452 | VV | 128   | 2983   | 0.40%  | 0.061%  |  |
| 78         | 10.465 | 10.452 | 10.484 | VV | 81    | 1313   | 0.17%  | 0.027%  |  |
| 79         | 10.580 | 10.484 | 10.596 | VV | 224   | 10451  | 1.39%  | 0.214%  |  |
| 80         | 10.614 | 10.596 | 10.663 | VV | 218   | 7047   | 0.93%  | 0.144%  |  |
| 81         | 10.679 | 10.663 | 10.718 | VV | 185   | 4683   | 0.62%  | 0.096%  |  |
| 82         | 10.834 | 10.718 | 11.018 | VV | 13102 | 607395 | 80.54% | 12.452% |  |
| 83         | 11.039 | 11.018 | 11.077 | VV | 97    | 2631   | 0.35%  | 0.054%  |  |
| 84         | 11.131 | 11.077 | 11.144 | VV | 95    | 2450   | 0.32%  | 0.050%  |  |
| 85         | 11.159 | 11.144 | 11.186 | VV | 105   | 2171   | 0.29%  | 0.045%  |  |
| 86         | 11.197 | 11.186 | 11.244 | VV | 87    | 2073   | 0.27%  | 0.042%  |  |
| 87         | 11.265 | 11.244 | 11.286 | VV | 63    | 1280   | 0.17%  | 0.026%  |  |
| 88         | 11.298 | 11.286 | 11.324 | VV | 71    | 1102   | 0.15%  | 0.023%  |  |
| 89         | 11.379 | 11.324 | 11.472 | PV | 115   | 5865   | 0.78%  | 0.120%  |  |

|     |        |        |        |    |            |        |        |        |
|-----|--------|--------|--------|----|------------|--------|--------|--------|
|     |        |        |        |    | rteres.txt |        |        |        |
| 90  | 11.482 | 11.472 | 11.532 | VV | 77         | 1829   | 0.24%  | 0.038% |
| 91  | 11.574 | 11.532 | 11.593 | VV | 95         | 1951   | 0.26%  | 0.040% |
| 92  | 11.615 | 11.593 | 11.642 | VV | 95         | 2000   | 0.27%  | 0.041% |
| 93  | 11.659 | 11.642 | 11.700 | VV | 112        | 2939   | 0.39%  | 0.060% |
| 94  | 11.717 | 11.700 | 11.762 | VV | 105        | 2414   | 0.32%  | 0.049% |
| 95  | 11.779 | 11.762 | 11.837 | VV | 70         | 2505   | 0.33%  | 0.051% |
| 96  | 11.879 | 11.837 | 11.909 | VV | 104        | 3362   | 0.45%  | 0.069% |
| 97  | 11.945 | 11.909 | 12.028 | VV | 115        | 5963   | 0.79%  | 0.122% |
| 98  | 12.055 | 12.028 | 12.074 | VV | 96         | 2092   | 0.28%  | 0.043% |
| 99  | 12.096 | 12.074 | 12.170 | VV | 118        | 4114   | 0.55%  | 0.084% |
| 100 | 12.192 | 12.170 | 12.210 | VV | 81         | 1434   | 0.19%  | 0.029% |
| 101 | 12.229 | 12.210 | 12.249 | VV | 65         | 1118   | 0.15%  | 0.023% |
| 102 | 12.297 | 12.249 | 12.405 | VV | 164        | 7947   | 1.05%  | 0.163% |
| 103 | 12.422 | 12.405 | 12.455 | VV | 63         | 1275   | 0.17%  | 0.026% |
| 104 | 12.482 | 12.455 | 12.508 | VV | 85         | 1613   | 0.21%  | 0.033% |
| 105 | 12.534 | 12.508 | 12.602 | VV | 89         | 3098   | 0.41%  | 0.064% |
| 106 | 12.625 | 12.602 | 12.722 | VV | 111        | 4152   | 0.55%  | 0.085% |
| 107 | 12.782 | 12.722 | 12.797 | VV | 83         | 2132   | 0.28%  | 0.044% |
| 108 | 12.808 | 12.797 | 12.839 | VV | 56         | 1439   | 0.19%  | 0.029% |
| 109 | 12.862 | 12.839 | 12.885 | VV | 64         | 1371   | 0.18%  | 0.028% |
| 110 | 12.992 | 12.885 | 13.048 | VV | 141        | 8532   | 1.13%  | 0.175% |
| 111 | 13.064 | 13.048 | 13.112 | VV | 82         | 2251   | 0.30%  | 0.046% |
| 112 | 13.133 | 13.112 | 13.154 | VV | 86         | 1868   | 0.25%  | 0.038% |
| 113 | 13.279 | 13.154 | 13.340 | VV | 4656       | 208397 | 27.63% | 4.272% |
| 114 | 13.412 | 13.340 | 13.618 | VV | 9728       | 435400 | 57.73% | 8.926% |
| 115 | 13.633 | 13.618 | 13.671 | VV | 91         | 2233   | 0.30%  | 0.046% |
| 116 | 13.721 | 13.671 | 13.752 | VV | 117        | 4228   | 0.56%  | 0.087% |
| 117 | 13.788 | 13.752 | 13.891 | VV | 169        | 8678   | 1.15%  | 0.178% |
| 118 | 13.943 | 13.891 | 13.964 | VV | 76         | 2633   | 0.35%  | 0.054% |
| 119 | 13.988 | 13.964 | 14.025 | VV | 100        | 2295   | 0.30%  | 0.047% |
| 120 | 14.141 | 14.025 | 14.275 | VV | 10114      | 453465 | 60.13% | 9.296% |
| 121 | 14.334 | 14.275 | 14.414 | VV | 340        | 21614  | 2.87%  | 0.443% |
| 122 | 14.421 | 14.414 | 14.531 | VV | 249        | 9353   | 1.24%  | 0.192% |
| 123 | 14.545 | 14.531 | 14.561 | VV | 77         | 1090   | 0.14%  | 0.022% |
| 124 | 14.622 | 14.561 | 14.731 | VV | 148        | 10124  | 1.34%  | 0.208% |
| 125 | 14.813 | 14.731 | 14.853 | VV | 101        | 4767   | 0.63%  | 0.098% |
| 126 | 14.910 | 14.853 | 14.925 | VV | 88         | 2320   | 0.31%  | 0.048% |
| 127 | 14.943 | 14.925 | 14.963 | VV | 109        | 1653   | 0.22%  | 0.034% |
| 128 | 14.995 | 14.963 | 15.020 | VV | 81         | 2175   | 0.29%  | 0.045% |
| 129 | 15.063 | 15.020 | 15.105 | VV | 72         | 2842   | 0.38%  | 0.058% |
| 130 | 15.128 | 15.105 | 15.153 | PV | 75         | 1451   | 0.19%  | 0.030% |
| 131 | 15.168 | 15.153 | 15.194 | VV | 69         | 1148   | 0.15%  | 0.024% |
| 132 | 15.292 | 15.194 | 15.394 | VV | 310        | 18547  | 2.46%  | 0.380% |
| 133 | 15.405 | 15.394 | 15.421 | VV | 134        | 1898   | 0.25%  | 0.039% |
| 134 | 15.440 | 15.421 | 15.462 | VV | 126        | 2867   | 0.38%  | 0.059% |
| 135 | 15.478 | 15.462 | 15.519 | VV | 124        | 3389   | 0.45%  | 0.069% |
| 136 | 15.534 | 15.519 | 15.564 | VV | 148        | 2627   | 0.35%  | 0.054% |
| 137 | 15.576 | 15.564 | 15.614 | VV | 113        | 2377   | 0.32%  | 0.049% |
| 138 | 15.646 | 15.614 | 15.661 | VV | 107        | 2339   | 0.31%  | 0.048% |
| 139 | 15.735 | 15.661 | 15.867 | VV | 187        | 13412  | 1.78%  | 0.275% |
| 140 | 15.883 | 15.867 | 15.899 | VV | 92         | 1408   | 0.19%  | 0.029% |
| 141 | 15.918 | 15.899 | 15.959 | VV | 97         | 2867   | 0.38%  | 0.059% |

|     |        |        |                  |        |            |         |        |        |
|-----|--------|--------|------------------|--------|------------|---------|--------|--------|
|     |        |        |                  |        | rteres.txt |         |        |        |
| 142 | 15.992 | 15.959 | 16.057           | VV     | 111        | 4304    | 0.57%  | 0.088% |
| 143 | 16.066 | 16.057 | 16.107           | VV     | 96         | 1520    | 0.20%  | 0.031% |
| 144 | 16.170 | 16.107 | 16.268           | PV     | 142        | 8173    | 1.08%  | 0.168% |
| 145 | 16.288 | 16.268 | 16.310           | VV     | 51         | 893     | 0.12%  | 0.018% |
| 146 | 16.421 | 16.310 | 16.559           | VV     | 10833      | 451329  | 59.85% | 9.252% |
|     |        |        | Sum of corrected | areas: |            | 4877940 |        |        |

FB071519.M Thu Aug 15 11:24:28 2019