

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_B\Data\FB091118\  
 Data File : FB017676.D  
 Signal(s) : FID2B.CH  
 Acq On : 11 Sep 2018 20:43  
 Sample : J4842-04  
 Misc : 5.01g/5.00mL DI Water  
 ALS Vial : 20 Sample Multiplier: 1

Integration File: SAMPLE.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_B\Method\FB082018.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         | 4.826       | 4.804        | 4.836      | BV       | 19             | 228          | 0.13%          | 0.020%        |
| 2         | 4.841       | 4.836        | 4.885      | VV       | 18             | 326          | 0.19%          | 0.029%        |
| 3         | 4.901       | 4.885        | 4.910      | PV       | 33             | 285          | 0.17%          | 0.025%        |
| 4         | 4.964       | 4.910        | 4.971      | VV       | 59             | 1476         | 0.85%          | 0.131%        |
| 5         | 4.978       | 4.971        | 5.045      | VV       | 64             | 1645         | 0.95%          | 0.145%        |
| 6         | 5.060       | 5.045        | 5.069      | VV       | 31             | 351          | 0.20%          | 0.031%        |
| 7         | 5.171       | 5.069        | 5.364      | VV       | 1131           | 90137        | 52.13%         | 7.969%        |
| 8         | 5.377       | 5.364        | 5.394      | VV       | 63             | 1001         | 0.58%          | 0.089%        |
| 9         | 5.402       | 5.394        | 5.409      | VV       | 51             | 406          | 0.23%          | 0.036%        |
| 10        | 5.426       | 5.409        | 5.475      | VV       | 59             | 1553         | 0.90%          | 0.137%        |
| 11        | 5.483       | 5.475        | 5.492      | VV       | 39             | 284          | 0.16%          | 0.025%        |
| 12        | 5.645       | 5.492        | 5.789      | PV       | 2788           | 172907       | 100.00%        | 15.287%       |
| 13        | 5.801       | 5.789        | 5.809      | VV       | 64             | 664          | 0.38%          | 0.059%        |
| 14        | 5.828       | 5.809        | 5.890      | VV       | 65             | 1884         | 1.09%          | 0.167%        |
| 15        | 5.942       | 5.890        | 5.958      | PV       | 44             | 1083         | 0.63%          | 0.096%        |
| 16        | 6.009       | 5.958        | 6.018      | VV       | 54             | 1123         | 0.65%          | 0.099%        |
| 17        | 6.031       | 6.018        | 6.041      | VV       | 42             | 499          | 0.29%          | 0.044%        |
| 18        | 6.065       | 6.041        | 6.099      | VV       | 53             | 1087         | 0.63%          | 0.096%        |
| 19        | 6.124       | 6.099        | 6.135      | VV       | 33             | 563          | 0.33%          | 0.050%        |
| 20        | 6.159       | 6.135        | 6.172      | VV       | 58             | 795          | 0.46%          | 0.070%        |
| 21        | 6.226       | 6.172        | 6.249      | VV       | 66             | 1946         | 1.13%          | 0.172%        |
| 22        | 6.257       | 6.249        | 6.264      | VV       | 54             | 425          | 0.25%          | 0.038%        |
| 23        | 6.274       | 6.264        | 6.285      | VV       | 50             | 563          | 0.33%          | 0.050%        |
| 24        | 6.293       | 6.285        | 6.302      | VV       | 55             | 453          | 0.26%          | 0.040%        |
| 25        | 6.318       | 6.302        | 6.338      | VV       | 59             | 749          | 0.43%          | 0.066%        |
| 26        | 6.354       | 6.338        | 6.366      | VV       | 43             | 453          | 0.26%          | 0.040%        |
| 27        | 6.417       | 6.366        | 6.425      | PV       | 51             | 859          | 0.50%          | 0.076%        |
| 28        | 6.444       | 6.425        | 6.465      | VV       | 71             | 1384         | 0.80%          | 0.122%        |
| 29        | 6.476       | 6.465        | 6.509      | VV       | 84             | 1532         | 0.89%          | 0.135%        |
| 30        | 6.588       | 6.509        | 6.603      | VV       | 96             | 3705         | 2.14%          | 0.328%        |
| 31        | 6.612       | 6.603        | 6.633      | VV       | 76             | 1034         | 0.60%          | 0.091%        |
| 32        | 6.675       | 6.633        | 6.698      | VV       | 84             | 2544         | 1.47%          | 0.225%        |
| 33        | 6.707       | 6.698        | 6.764      | VV       | 63             | 1620         | 0.94%          | 0.143%        |
| 34        | 6.780       | 6.764        | 6.805      | VV       | 51             | 795          | 0.46%          | 0.070%        |
| 35        | 6.817       | 6.805        | 6.844      | VV       | 43             | 620          | 0.36%          | 0.055%        |
| 36        | 6.857       | 6.844        | 6.866      | VV       | 36             | 340          | 0.20%          | 0.030%        |

|    |       |       |       |    |            |       |        |        |
|----|-------|-------|-------|----|------------|-------|--------|--------|
|    |       |       |       |    | rteres.txt |       |        |        |
| 37 | 6.877 | 6.866 | 6.889 | VV | 43         | 424   | 0.25%  | 0.038% |
| 38 | 6.909 | 6.889 | 6.945 | VV | 67         | 1670  | 0.97%  | 0.148% |
| 39 | 7.102 | 6.945 | 7.118 | VV | 281        | 18001 | 10.41% | 1.592% |
| 40 | 7.136 | 7.118 | 7.168 | VV | 258        | 6679  | 3.86%  | 0.590% |
|    |       |       |       |    |            |       |        |        |
| 41 | 7.175 | 7.168 | 7.221 | VV | 169        | 3792  | 2.19%  | 0.335% |
| 42 | 7.229 | 7.221 | 7.257 | VV | 80         | 1075  | 0.62%  | 0.095% |
| 43 | 7.319 | 7.257 | 7.337 | VV | 60         | 1436  | 0.83%  | 0.127% |
| 44 | 7.349 | 7.337 | 7.381 | VV | 51         | 927   | 0.54%  | 0.082% |
| 45 | 7.394 | 7.381 | 7.420 | VV | 66         | 1044  | 0.60%  | 0.092% |
|    |       |       |       |    |            |       |        |        |
| 46 | 7.431 | 7.420 | 7.468 | VV | 58         | 1004  | 0.58%  | 0.089% |
| 47 | 7.493 | 7.468 | 7.506 | VV | 41         | 700   | 0.40%  | 0.062% |
| 48 | 7.520 | 7.506 | 7.547 | VV | 37         | 602   | 0.35%  | 0.053% |
| 49 | 7.559 | 7.547 | 7.578 | VV | 31         | 341   | 0.20%  | 0.030% |
| 50 | 7.585 | 7.578 | 7.592 | VV | 27         | 134   | 0.08%  | 0.012% |
|    |       |       |       |    |            |       |        |        |
| 51 | 7.604 | 7.592 | 7.627 | VV | 42         | 606   | 0.35%  | 0.054% |
| 52 | 7.636 | 7.627 | 7.664 | VV | 41         | 505   | 0.29%  | 0.045% |
| 53 | 7.731 | 7.664 | 7.762 | VV | 58         | 2177  | 1.26%  | 0.192% |
| 54 | 7.808 | 7.762 | 7.836 | VV | 77         | 1806  | 1.04%  | 0.160% |
| 55 | 7.845 | 7.836 | 7.850 | VV | 53         | 350   | 0.20%  | 0.031% |
|    |       |       |       |    |            |       |        |        |
| 56 | 7.854 | 7.850 | 7.872 | VV | 56         | 496   | 0.29%  | 0.044% |
| 57 | 7.885 | 7.872 | 7.903 | VV | 61         | 853   | 0.49%  | 0.075% |
| 58 | 7.936 | 7.903 | 7.956 | VV | 85         | 1714  | 0.99%  | 0.152% |
| 59 | 7.962 | 7.956 | 7.986 | VV | 70         | 890   | 0.51%  | 0.079% |
| 60 | 7.994 | 7.986 | 8.002 | VV | 48         | 350   | 0.20%  | 0.031% |
|    |       |       |       |    |            |       |        |        |
| 61 | 8.008 | 8.002 | 8.015 | VV | 28         | 193   | 0.11%  | 0.017% |
| 62 | 8.026 | 8.015 | 8.068 | PV | 58         | 1419  | 0.82%  | 0.125% |
| 63 | 8.078 | 8.068 | 8.111 | VV | 51         | 907   | 0.52%  | 0.080% |
| 64 | 8.117 | 8.111 | 8.150 | VV | 54         | 866   | 0.50%  | 0.077% |
| 65 | 8.169 | 8.150 | 8.178 | VV | 66         | 781   | 0.45%  | 0.069% |
|    |       |       |       |    |            |       |        |        |
| 66 | 8.209 | 8.178 | 8.217 | VV | 53         | 975   | 0.56%  | 0.086% |
| 67 | 8.234 | 8.217 | 8.243 | VV | 62         | 725   | 0.42%  | 0.064% |
| 68 | 8.262 | 8.243 | 8.289 | VV | 49         | 996   | 0.58%  | 0.088% |
| 69 | 8.303 | 8.289 | 8.314 | VV | 42         | 444   | 0.26%  | 0.039% |
| 70 | 8.321 | 8.314 | 8.348 | VV | 60         | 851   | 0.49%  | 0.075% |
|    |       |       |       |    |            |       |        |        |
| 71 | 8.361 | 8.348 | 8.392 | VV | 60         | 1120  | 0.65%  | 0.099% |
| 72 | 8.404 | 8.392 | 8.412 | VV | 37         | 374   | 0.22%  | 0.033% |
| 73 | 8.426 | 8.412 | 8.451 | VV | 54         | 896   | 0.52%  | 0.079% |
| 74 | 8.460 | 8.451 | 8.475 | VV | 41         | 501   | 0.29%  | 0.044% |
| 75 | 8.489 | 8.475 | 8.538 | VV | 52         | 1423  | 0.82%  | 0.126% |
|    |       |       |       |    |            |       |        |        |
| 76 | 8.574 | 8.538 | 8.589 | VV | 47         | 1058  | 0.61%  | 0.094% |
| 77 | 8.600 | 8.589 | 8.610 | VV | 60         | 564   | 0.33%  | 0.050% |
| 78 | 8.626 | 8.610 | 8.651 | VV | 51         | 920   | 0.53%  | 0.081% |
| 79 | 8.683 | 8.651 | 8.707 | VV | 47         | 1073  | 0.62%  | 0.095% |
| 80 | 8.735 | 8.707 | 8.743 | VV | 51         | 837   | 0.48%  | 0.074% |
|    |       |       |       |    |            |       |        |        |
| 81 | 8.830 | 8.743 | 8.846 | VV | 66         | 2902  | 1.68%  | 0.257% |
| 82 | 8.854 | 8.846 | 8.867 | VV | 61         | 725   | 0.42%  | 0.064% |
| 83 | 8.878 | 8.867 | 8.888 | VV | 82         | 745   | 0.43%  | 0.066% |
| 84 | 8.899 | 8.888 | 8.911 | VV | 65         | 737   | 0.43%  | 0.065% |
| 85 | 8.919 | 8.911 | 8.933 | VV | 77         | 707   | 0.41%  | 0.063% |
|    |       |       |       |    |            |       |        |        |
| 86 | 8.942 | 8.933 | 8.972 | VV | 55         | 1090  | 0.63%  | 0.096% |
| 87 | 8.997 | 8.972 | 9.003 | VV | 75         | 1122  | 0.65%  | 0.099% |
| 88 | 9.111 | 9.003 | 9.252 | VV | 958        | 57273 | 33.12% | 5.064% |
| 89 | 9.269 | 9.252 | 9.313 | VV | 74         | 2184  | 1.26%  | 0.193% |

|     |        |        |        |    |            |       |        |        |
|-----|--------|--------|--------|----|------------|-------|--------|--------|
|     |        |        |        |    | rteres.txt |       |        |        |
| 90  | 9.329  | 9.313  | 9.341  | VV | 67         | 974   | 0.56%  | 0.086% |
| 91  | 9.399  | 9.341  | 9.448  | VV | 95         | 4541  | 2.63%  | 0.402% |
| 92  | 9.459  | 9.448  | 9.472  | VV | 84         | 1034  | 0.60%  | 0.091% |
| 93  | 9.529  | 9.472  | 9.540  | VV | 114        | 3360  | 1.94%  | 0.297% |
| 94  | 9.561  | 9.540  | 9.575  | VV | 90         | 1600  | 0.93%  | 0.141% |
| 95  | 9.586  | 9.575  | 9.605  | VV | 94         | 1433  | 0.83%  | 0.127% |
| 96  | 9.614  | 9.605  | 9.628  | VV | 104        | 1011  | 0.58%  | 0.089% |
| 97  | 9.640  | 9.628  | 9.657  | VV | 100        | 1493  | 0.86%  | 0.132% |
| 98  | 9.668  | 9.657  | 9.693  | VV | 107        | 1996  | 1.15%  | 0.177% |
| 99  | 9.705  | 9.693  | 9.714  | VV | 123        | 1313  | 0.76%  | 0.116% |
| 100 | 9.739  | 9.714  | 9.750  | VV | 133        | 2502  | 1.45%  | 0.221% |
| 101 | 9.761  | 9.750  | 9.771  | VV | 127        | 1305  | 0.75%  | 0.115% |
| 102 | 9.784  | 9.771  | 9.814  | VV | 116        | 2344  | 1.36%  | 0.207% |
| 103 | 9.827  | 9.814  | 9.837  | VV | 82         | 973   | 0.56%  | 0.086% |
| 104 | 9.844  | 9.837  | 9.856  | VV | 61         | 633   | 0.37%  | 0.056% |
| 105 | 9.873  | 9.856  | 9.886  | VV | 70         | 1049  | 0.61%  | 0.093% |
| 106 | 9.897  | 9.886  | 9.908  | VV | 93         | 934   | 0.54%  | 0.083% |
| 107 | 9.922  | 9.908  | 9.932  | VV | 77         | 864   | 0.50%  | 0.076% |
| 108 | 9.945  | 9.932  | 9.966  | VV | 77         | 1175  | 0.68%  | 0.104% |
| 109 | 9.982  | 9.966  | 10.001 | VV | 73         | 1397  | 0.81%  | 0.123% |
| 110 | 10.008 | 10.001 | 10.036 | VV | 81         | 1394  | 0.81%  | 0.123% |
| 111 | 10.044 | 10.036 | 10.069 | VV | 105        | 1478  | 0.86%  | 0.131% |
| 112 | 10.076 | 10.069 | 10.087 | VV | 82         | 712   | 0.41%  | 0.063% |
| 113 | 10.103 | 10.087 | 10.115 | VV | 116        | 1361  | 0.79%  | 0.120% |
| 114 | 10.120 | 10.115 | 10.128 | VV | 92         | 636   | 0.37%  | 0.056% |
| 115 | 10.138 | 10.128 | 10.150 | VV | 92         | 1044  | 0.60%  | 0.092% |
| 116 | 10.251 | 10.150 | 10.307 | VV | 153        | 10343 | 5.98%  | 0.914% |
| 117 | 10.313 | 10.307 | 10.322 | VV | 91         | 706   | 0.41%  | 0.062% |
| 118 | 10.329 | 10.322 | 10.338 | VV | 77         | 691   | 0.40%  | 0.061% |
| 119 | 10.346 | 10.338 | 10.358 | VV | 71         | 696   | 0.40%  | 0.062% |
| 120 | 10.371 | 10.358 | 10.391 | VV | 80         | 1201  | 0.69%  | 0.106% |
| 121 | 10.439 | 10.391 | 10.452 | VV | 81         | 2123  | 1.23%  | 0.188% |
| 122 | 10.482 | 10.452 | 10.491 | VV | 85         | 1671  | 0.97%  | 0.148% |
| 123 | 10.538 | 10.491 | 10.583 | VV | 114        | 4752  | 2.75%  | 0.420% |
| 124 | 10.598 | 10.583 | 10.610 | VV | 136        | 1857  | 1.07%  | 0.164% |
| 125 | 10.723 | 10.610 | 10.905 | VV | 202        | 22751 | 13.16% | 2.011% |
| 126 | 10.996 | 10.905 | 11.064 | VV | 89         | 5344  | 3.09%  | 0.472% |
| 127 | 11.102 | 11.064 | 11.133 | VV | 101        | 3239  | 1.87%  | 0.286% |
| 128 | 11.152 | 11.133 | 11.217 | VV | 119        | 4034  | 2.33%  | 0.357% |
| 129 | 11.234 | 11.217 | 11.292 | VV | 82         | 3109  | 1.80%  | 0.275% |
| 130 | 11.312 | 11.292 | 11.325 | VV | 90         | 1433  | 0.83%  | 0.127% |
| 131 | 11.342 | 11.325 | 11.445 | VV | 102        | 4984  | 2.88%  | 0.441% |
| 132 | 11.471 | 11.445 | 11.490 | VV | 85         | 1826  | 1.06%  | 0.161% |
| 133 | 11.499 | 11.490 | 11.565 | VV | 84         | 2860  | 1.65%  | 0.253% |
| 134 | 11.583 | 11.565 | 11.612 | VV | 98         | 1873  | 1.08%  | 0.166% |
| 135 | 11.628 | 11.612 | 11.660 | VV | 89         | 1742  | 1.01%  | 0.154% |
| 136 | 11.781 | 11.660 | 11.802 | VV | 188        | 10099 | 5.84%  | 0.893% |
| 137 | 11.812 | 11.802 | 11.917 | VV | 171        | 8417  | 4.87%  | 0.744% |
| 138 | 11.986 | 11.917 | 12.010 | VV | 119        | 4811  | 2.78%  | 0.425% |
| 139 | 12.109 | 12.010 | 12.186 | VV | 221        | 16750 | 9.69%  | 1.481% |
| 140 | 12.239 | 12.186 | 12.307 | VV | 162        | 7851  | 4.54%  | 0.694% |
| 141 | 12.323 | 12.307 | 12.335 | PV | 53         | 720   | 0.42%  | 0.064% |

|     |        |        |        |    |            |                         |         |        |
|-----|--------|--------|--------|----|------------|-------------------------|---------|--------|
|     |        |        |        |    | rteres.txt |                         |         |        |
| 142 | 12.426 | 12.335 | 12.531 | VV | 133        | 10006                   | 5.79%   | 0.885% |
| 143 | 12.567 | 12.531 | 12.592 | VV | 43         | 1241                    | 0.72%   | 0.110% |
| 144 | 12.629 | 12.592 | 12.645 | VV | 40         | 905                     | 0.52%   | 0.080% |
| 145 | 12.658 | 12.645 | 12.700 | VV | 56         | 1376                    | 0.80%   | 0.122% |
| 146 | 12.715 | 12.700 | 12.785 | VV | 47         | 1809                    | 1.05%   | 0.160% |
| 147 | 12.846 | 12.785 | 12.865 | PV | 42         | 1287                    | 0.74%   | 0.114% |
| 148 | 12.976 | 12.865 | 12.991 | VV | 49         | 2957                    | 1.71%   | 0.261% |
| 149 | 13.116 | 12.991 | 13.255 | VV | 227        | 17750                   | 10.27%  | 1.569% |
| 150 | 13.270 | 13.255 | 13.285 | VV | 83         | 1341                    | 0.78%   | 0.119% |
| 151 | 13.366 | 13.285 | 13.498 | VV | 260        | 23129                   | 13.38%  | 2.045% |
| 152 | 13.525 | 13.498 | 13.586 | VV | 124        | 4719                    | 2.73%   | 0.417% |
| 153 | 13.646 | 13.586 | 13.680 | VV | 141        | 6113                    | 3.54%   | 0.540% |
| 154 | 13.692 | 13.680 | 13.783 | VV | 158        | 7000                    | 4.05%   | 0.619% |
| 155 | 13.896 | 13.783 | 14.023 | VV | 373        | 30950                   | 17.90%  | 2.736% |
| 156 | 14.033 | 14.023 | 14.056 | VV | 115        | 2177                    | 1.26%   | 0.192% |
| 157 | 14.151 | 14.056 | 14.254 | VV | 330        | 24352                   | 14.08%  | 2.153% |
| 158 | 14.271 | 14.254 | 14.304 | VV | 134        | 3408                    | 1.97%   | 0.301% |
| 159 | 14.314 | 14.304 | 14.332 | VV | 117        | 1564                    | 0.90%   | 0.138% |
| 160 | 14.467 | 14.332 | 14.649 | VV | 848        | 78828                   | 45.59%  | 6.969% |
| 161 | 14.661 | 14.649 | 14.687 | VV | 42         | 760                     | 0.44%   | 0.067% |
| 162 | 14.787 | 14.687 | 14.886 | PV | 314        | 17160                   | 9.92%   | 1.517% |
| 163 | 14.973 | 14.886 | 14.989 | VV | 61         | 2479                    | 1.43%   | 0.219% |
| 164 | 15.072 | 14.989 | 15.118 | VV | 175        | 9908                    | 5.73%   | 0.876% |
| 165 | 15.206 | 15.118 | 15.339 | VV | 433        | 30188                   | 17.46%  | 2.669% |
| 166 | 15.423 | 15.339 | 15.465 | VV | 659        | 32106                   | 18.57%  | 2.839% |
| 167 | 15.540 | 15.465 | 15.606 | VV | 662        | 47785                   | 27.64%  | 4.225% |
| 168 | 15.635 | 15.606 | 15.733 | VV | 533        | 27998                   | 16.19%  | 2.475% |
| 169 | 15.860 | 15.733 | 16.025 | VV | 1451       | 101643                  | 58.78%  | 8.987% |
| 170 | 16.035 | 16.025 | 16.088 | VV | 249        | 6102                    | 3.53%   | 0.540% |
| 171 | 16.163 | 16.088 | 16.234 | PV | 422        | 17487                   | 10.11%  | 1.546% |
| 172 | 16.306 | 16.234 | 16.369 | PV | 437        | 18309                   | 10.59%  | 1.619% |
| 173 | 16.416 | 16.369 | 16.464 | VV | 125        | 4465                    | 2.58%   | 0.395% |
|     |        |        |        |    |            | Sum of corrected areas: | 1131048 |        |

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