

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_B\Data\FB041119\  
 Data File : FB020653.D  
 Signal(s) : FID2B.CH  
 Acq On : 11 Apr 2019 20:08  
 Sample : K2377-05  
 Misc : 5.04g/5.00ml DI WATER  
 ALS Vial : 20 Sample Multiplier: 1

Integration File: SAMPLE.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_B\Method\FB040419.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         | 4.732       | 4.703        | 4.759      | BV       | 8              | -28          | -0.01%         | -0.003%       |
| 2         | 4.771       | 4.759        | 4.782      | PV       | 34             | 283          | 0.07%          | 0.027%        |
| 3         | 4.792       | 4.782        | 4.802      | VV       | 33             | 241          | 0.06%          | 0.023%        |
| 4         | 4.844       | 4.802        | 4.873      | VV       | 42             | 1133         | 0.27%          | 0.107%        |
| 5         | 4.889       | 4.873        | 4.903      | VV       | 46             | 565          | 0.14%          | 0.053%        |
| 6         | 4.912       | 4.903        | 4.938      | VV       | 36             | 562          | 0.13%          | 0.053%        |
| 7         | 4.950       | 4.938        | 4.962      | VV       | 28             | 327          | 0.08%          | 0.031%        |
| 8         | 5.067       | 4.962        | 5.249      | VV       | 1348           | 80740        | 19.40%         | 7.627%        |
| 9         | 5.273       | 5.249        | 5.283      | PV       | 48             | 648          | 0.16%          | 0.061%        |
| 10        | 5.288       | 5.283        | 5.295      | VV       | 43             | 247          | 0.06%          | 0.023%        |
| 11        | 5.305       | 5.295        | 5.321      | VV       | 53             | 617          | 0.15%          | 0.058%        |
| 12        | 5.349       | 5.321        | 5.365      | VV       | 41             | 877          | 0.21%          | 0.083%        |
| 13        | 5.383       | 5.365        | 5.396      | VV       | 47             | 576          | 0.14%          | 0.054%        |
| 14        | 5.404       | 5.396        | 5.413      | VV       | 33             | 275          | 0.07%          | 0.026%        |
| 15        | 5.539       | 5.413        | 5.694      | VV       | 2293           | 141127       | 33.91%         | 13.331%       |
| 16        | 5.703       | 5.694        | 5.727      | VV       | 32             | 371          | 0.09%          | 0.035%        |
| 17        | 5.740       | 5.727        | 5.753      | VV       | 31             | 363          | 0.09%          | 0.034%        |
| 18        | 5.761       | 5.753        | 5.780      | VV       | 28             | 324          | 0.08%          | 0.031%        |
| 19        | 5.795       | 5.780        | 5.808      | VV       | 28             | 289          | 0.07%          | 0.027%        |
| 20        | 5.816       | 5.808        | 5.844      | VV       | 23             | 298          | 0.07%          | 0.028%        |
| 21        | 5.859       | 5.844        | 5.872      | VV       | 30             | 269          | 0.06%          | 0.025%        |
| 22        | 5.878       | 5.872        | 5.916      | VV       | 24             | 415          | 0.10%          | 0.039%        |
| 23        | 5.936       | 5.916        | 5.961      | PB       | 19             | 257          | 0.06%          | 0.024%        |
| 24        | 6.034       | 6.003        | 6.050      | BV       | 9              | 123          | 0.03%          | 0.012%        |
| 25        | 6.066       | 6.050        | 6.076      | VV       | 22             | 172          | 0.04%          | 0.016%        |
| 26        | 6.101       | 6.076        | 6.134      | PV       | 28             | 541          | 0.13%          | 0.051%        |
| 27        | 6.164       | 6.134        | 6.228      | VV       | 33             | 946          | 0.23%          | 0.089%        |
| 28        | 6.248       | 6.228        | 6.270      | VV       | 28             | 392          | 0.09%          | 0.037%        |
| 29        | 6.296       | 6.270        | 6.312      | PV       | 32             | 508          | 0.12%          | 0.048%        |
| 30        | 6.328       | 6.312        | 6.348      | VV       | 42             | 729          | 0.18%          | 0.069%        |
| 31        | 6.362       | 6.348        | 6.412      | VV       | 43             | 925          | 0.22%          | 0.087%        |
| 32        | 6.422       | 6.412        | 6.436      | VV       | 32             | 337          | 0.08%          | 0.032%        |
| 33        | 6.482       | 6.436        | 6.504      | VV       | 50             | 1488         | 0.36%          | 0.141%        |
| 34        | 6.514       | 6.504        | 6.540      | VV       | 47             | 830          | 0.20%          | 0.078%        |
| 35        | 6.560       | 6.540        | 6.574      | VV       | 50             | 873          | 0.21%          | 0.083%        |
| 36        | 6.581       | 6.574        | 6.616      | VV       | 49             | 1086         | 0.26%          | 0.103%        |
| 37        | 6.618       | 6.616        | 6.641      | VV       | 45             | 473          | 0.11%          | 0.045%        |
| 38        | 6.653       | 6.641        | 6.758      | VV       | 33             | 1171         | 0.28%          | 0.111%        |
| 39        | 6.779       | 6.758        | 6.789      | PV       | 39             | 372          | 0.09%          | 0.035%        |
| 40        | 6.803       | 6.789        | 6.808      | VV       | 23             | 210          | 0.05%          | 0.020%        |
| 41        | 6.817       | 6.808        | 6.841      | VV       | 38             | 445          | 0.11%          | 0.042%        |
| 42        | 6.851       | 6.841        | 6.860      | VV       | 30             | 237          | 0.06%          | 0.022%        |

|     |       |       |       |    |      |        |         |         |
|-----|-------|-------|-------|----|------|--------|---------|---------|
|     |       |       |       |    |      | rteres |         |         |
| 43  | 6.881 | 6.860 | 6.891 | VV | 32   | 408    | 0.10%   | 0.039%  |
| 44  | 6.932 | 6.891 | 6.972 | VV | 45   | 1394   | 0.33%   | 0.132%  |
| 45  | 6.985 | 6.972 | 7.012 | VV | 49   | 706    | 0.17%   | 0.067%  |
| 46  | 7.023 | 7.012 | 7.030 | VV | 28   | 221    | 0.05%   | 0.021%  |
| 47  | 7.044 | 7.030 | 7.079 | VV | 42   | 982    | 0.24%   | 0.093%  |
| 48  | 7.103 | 7.079 | 7.123 | VV | 54   | 1138   | 0.27%   | 0.107%  |
| 49  | 7.139 | 7.123 | 7.173 | VV | 63   | 1370   | 0.33%   | 0.129%  |
| 50  | 7.184 | 7.173 | 7.199 | VV | 45   | 516    | 0.12%   | 0.049%  |
| 51  | 7.223 | 7.199 | 7.242 | VV | 59   | 967    | 0.23%   | 0.091%  |
| 52  | 7.260 | 7.242 | 7.283 | VV | 67   | 1196   | 0.29%   | 0.113%  |
| 53  | 7.302 | 7.283 | 7.324 | VV | 82   | 1085   | 0.26%   | 0.102%  |
| 54  | 7.343 | 7.324 | 7.389 | VV | 45   | 1270   | 0.31%   | 0.120%  |
| 55  | 7.431 | 7.389 | 7.442 | VV | 69   | 1282   | 0.31%   | 0.121%  |
| 56  | 7.459 | 7.442 | 7.471 | VV | 79   | 961    | 0.23%   | 0.091%  |
| 57  | 7.487 | 7.471 | 7.498 | VV | 73   | 994    | 0.24%   | 0.094%  |
| 58  | 7.508 | 7.498 | 7.532 | VV | 72   | 1257   | 0.30%   | 0.119%  |
| 59  | 7.583 | 7.532 | 7.610 | VV | 90   | 3313   | 0.80%   | 0.313%  |
| 60  | 7.625 | 7.610 | 7.636 | VV | 87   | 1081   | 0.26%   | 0.102%  |
| 61  | 7.673 | 7.636 | 7.716 | VV | 74   | 2446   | 0.59%   | 0.231%  |
| 62  | 7.723 | 7.716 | 7.743 | VV | 53   | 430    | 0.10%   | 0.041%  |
| 63  | 7.779 | 7.743 | 7.789 | VV | 63   | 1274   | 0.31%   | 0.120%  |
| 64  | 7.800 | 7.789 | 7.841 | VV | 67   | 1503   | 0.36%   | 0.142%  |
| 65  | 7.849 | 7.841 | 7.857 | VV | 57   | 497    | 0.12%   | 0.047%  |
| 66  | 7.864 | 7.857 | 7.879 | VV | 60   | 678    | 0.16%   | 0.064%  |
| 67  | 7.888 | 7.879 | 7.935 | VV | 64   | 1551   | 0.37%   | 0.147%  |
| 68  | 7.961 | 7.935 | 8.007 | VV | 61   | 2025   | 0.49%   | 0.191%  |
| 69  | 8.024 | 8.007 | 8.038 | VV | 51   | 718    | 0.17%   | 0.068%  |
| 70  | 8.049 | 8.038 | 8.068 | VV | 52   | 705    | 0.17%   | 0.067%  |
| 71  | 8.080 | 8.068 | 8.092 | VV | 73   | 667    | 0.16%   | 0.063%  |
| 72  | 8.105 | 8.092 | 8.116 | VV | 62   | 665    | 0.16%   | 0.063%  |
| 73  | 8.157 | 8.116 | 8.180 | VV | 81   | 2086   | 0.50%   | 0.197%  |
| 74  | 8.194 | 8.180 | 8.211 | VV | 83   | 1209   | 0.29%   | 0.114%  |
| 75  | 8.224 | 8.211 | 8.247 | VV | 77   | 1336   | 0.32%   | 0.126%  |
| 76  | 8.257 | 8.247 | 8.271 | VV | 74   | 821    | 0.20%   | 0.078%  |
| 77  | 8.286 | 8.271 | 8.297 | VV | 68   | 881    | 0.21%   | 0.083%  |
| 78  | 8.306 | 8.297 | 8.341 | VV | 51   | 986    | 0.24%   | 0.093%  |
| 79  | 8.380 | 8.341 | 8.410 | PV | 62   | 1782   | 0.43%   | 0.168%  |
| 80  | 8.425 | 8.410 | 8.445 | VV | 69   | 1221   | 0.29%   | 0.115%  |
| 81  | 8.455 | 8.445 | 8.466 | VV | 66   | 748    | 0.18%   | 0.071%  |
| 82  | 8.475 | 8.466 | 8.503 | VV | 66   | 1112   | 0.27%   | 0.105%  |
| 83  | 8.531 | 8.503 | 8.552 | VV | 60   | 1218   | 0.29%   | 0.115%  |
| 84  | 8.562 | 8.552 | 8.597 | VV | 59   | 836    | 0.20%   | 0.079%  |
| 85  | 8.661 | 8.597 | 8.681 | VV | 72   | 2181   | 0.52%   | 0.206%  |
| 86  | 8.704 | 8.681 | 8.721 | VV | 90   | 1581   | 0.38%   | 0.149%  |
| 87  | 8.739 | 8.721 | 8.752 | VV | 86   | 1493   | 0.36%   | 0.141%  |
| 88  | 8.766 | 8.752 | 8.803 | VV | 76   | 2045   | 0.49%   | 0.193%  |
| 89  | 8.811 | 8.803 | 8.827 | VV | 71   | 873    | 0.21%   | 0.082%  |
| 90  | 8.835 | 8.827 | 8.842 | VV | 59   | 496    | 0.12%   | 0.047%  |
| 91  | 8.854 | 8.842 | 8.867 | VV | 59   | 763    | 0.18%   | 0.072%  |
| 92  | 8.997 | 8.867 | 9.165 | VV | 7463 | 416219 | 100.00% | 39.316% |
| 93  | 9.179 | 9.165 | 9.225 | VV | 85   | 2385   | 0.57%   | 0.225%  |
| 94  | 9.291 | 9.225 | 9.304 | VV | 80   | 3100   | 0.74%   | 0.293%  |
| 95  | 9.316 | 9.304 | 9.323 | VV | 72   | 790    | 0.19%   | 0.075%  |
| 96  | 9.341 | 9.323 | 9.350 | VV | 94   | 1269   | 0.30%   | 0.120%  |
| 97  | 9.359 | 9.350 | 9.376 | VV | 87   | 1321   | 0.32%   | 0.125%  |
| 98  | 9.398 | 9.376 | 9.413 | VV | 106  | 1964   | 0.47%   | 0.186%  |
| 99  | 9.424 | 9.413 | 9.463 | VV | 83   | 2095   | 0.50%   | 0.198%  |
| 100 | 9.478 | 9.463 | 9.490 | VV | 78   | 1044   | 0.25%   | 0.099%  |

|     |        |        |        |    |     |        |       |        |
|-----|--------|--------|--------|----|-----|--------|-------|--------|
|     |        |        |        |    |     | rteres |       |        |
| 101 | 9.600  | 9.490  | 9.631  | VV | 241 | 13824  | 3.32% | 1.306% |
| 102 | 9.639  | 9.631  | 9.716  | VV | 197 | 6568   | 1.58% | 0.620% |
| 103 | 9.723  | 9.716  | 9.748  | VV | 77  | 984    | 0.24% | 0.093% |
| 104 | 9.767  | 9.748  | 9.785  | VV | 58  | 1092   | 0.26% | 0.103% |
| 105 | 9.798  | 9.785  | 9.811  | VV | 73  | 955    | 0.23% | 0.090% |
| 106 | 9.825  | 9.811  | 9.836  | VV | 99  | 1216   | 0.29% | 0.115% |
| 107 | 9.872  | 9.836  | 9.908  | VV | 130 | 4837   | 1.16% | 0.457% |
| 108 | 9.932  | 9.908  | 9.970  | VV | 120 | 3843   | 0.92% | 0.363% |
| 109 | 10.002 | 9.970  | 10.016 | VV | 111 | 2527   | 0.61% | 0.239% |
| 110 | 10.032 | 10.016 | 10.061 | VV | 115 | 2373   | 0.57% | 0.224% |
| 111 | 10.073 | 10.061 | 10.082 | VV | 78  | 864    | 0.21% | 0.082% |
| 112 | 10.092 | 10.082 | 10.146 | VV | 70  | 2074   | 0.50% | 0.196% |
| 113 | 10.156 | 10.146 | 10.165 | VV | 61  | 546    | 0.13% | 0.052% |
| 114 | 10.173 | 10.165 | 10.178 | VV | 46  | 316    | 0.08% | 0.030% |
| 115 | 10.194 | 10.178 | 10.209 | VV | 49  | 807    | 0.19% | 0.076% |
| 116 | 10.217 | 10.209 | 10.228 | VV | 45  | 444    | 0.11% | 0.042% |
| 117 | 10.256 | 10.228 | 10.285 | VV | 57  | 1596   | 0.38% | 0.151% |
| 118 | 10.296 | 10.285 | 10.303 | VV | 52  | 507    | 0.12% | 0.048% |
| 119 | 10.412 | 10.303 | 10.460 | VV | 189 | 11818  | 2.84% | 1.116% |
| 120 | 10.525 | 10.460 | 10.649 | VV | 259 | 18835  | 4.53% | 1.779% |
| 121 | 10.656 | 10.649 | 10.677 | VV | 96  | 1438   | 0.35% | 0.136% |
| 122 | 10.698 | 10.677 | 10.707 | VV | 97  | 1593   | 0.38% | 0.150% |
| 123 | 10.717 | 10.707 | 10.736 | VV | 91  | 1414   | 0.34% | 0.134% |
| 124 | 10.744 | 10.736 | 10.776 | VV | 78  | 1692   | 0.41% | 0.160% |
| 125 | 10.849 | 10.776 | 10.902 | VV | 125 | 7223   | 1.74% | 0.682% |
| 126 | 10.925 | 10.902 | 10.938 | VV | 84  | 1482   | 0.36% | 0.140% |
| 127 | 11.016 | 10.938 | 11.088 | VV | 144 | 9241   | 2.22% | 0.873% |
| 128 | 11.101 | 11.088 | 11.114 | VV | 61  | 867    | 0.21% | 0.082% |
| 129 | 11.177 | 11.114 | 11.328 | VV | 122 | 11486  | 2.76% | 1.085% |
| 130 | 11.395 | 11.328 | 11.464 | VV | 66  | 4557   | 1.09% | 0.430% |
| 131 | 11.495 | 11.464 | 11.553 | VV | 56  | 2291   | 0.55% | 0.216% |
| 132 | 11.623 | 11.553 | 11.648 | VV | 91  | 3139   | 0.75% | 0.296% |
| 133 | 11.685 | 11.648 | 11.715 | VV | 89  | 2951   | 0.71% | 0.279% |
| 134 | 11.728 | 11.715 | 11.756 | VV | 76  | 1451   | 0.35% | 0.137% |
| 135 | 11.797 | 11.756 | 11.823 | VV | 67  | 2174   | 0.52% | 0.205% |
| 136 | 11.842 | 11.823 | 11.858 | VV | 79  | 1461   | 0.35% | 0.138% |
| 137 | 11.994 | 11.858 | 12.085 | VV | 215 | 19169  | 4.61% | 1.811% |
| 138 | 12.098 | 12.085 | 12.202 | VV | 139 | 6185   | 1.49% | 0.584% |
| 139 | 12.327 | 12.202 | 12.452 | VV | 144 | 12348  | 2.97% | 1.166% |
| 140 | 12.466 | 12.452 | 12.487 | VV | 50  | 952    | 0.23% | 0.090% |
| 141 | 12.510 | 12.487 | 12.524 | VV | 56  | 908    | 0.22% | 0.086% |
| 142 | 12.593 | 12.524 | 12.664 | VV | 70  | 4418   | 1.06% | 0.417% |
| 143 | 12.676 | 12.664 | 12.699 | VV | 44  | 706    | 0.17% | 0.067% |
| 144 | 12.715 | 12.699 | 12.733 | VV | 33  | 566    | 0.14% | 0.053% |
| 145 | 12.817 | 12.733 | 12.855 | VV | 54  | 2515   | 0.60% | 0.238% |
| 146 | 12.894 | 12.855 | 12.914 | VV | 60  | 1473   | 0.35% | 0.139% |
| 147 | 13.004 | 12.914 | 13.059 | VV | 177 | 9325   | 2.24% | 0.881% |
| 148 | 13.078 | 13.059 | 13.106 | VV | 79  | 1762   | 0.42% | 0.166% |
| 149 | 13.118 | 13.106 | 13.140 | VV | 83  | 1307   | 0.31% | 0.123% |
| 150 | 13.156 | 13.140 | 13.179 | VV | 82  | 1576   | 0.38% | 0.149% |
| 151 | 13.277 | 13.179 | 13.348 | VV | 117 | 9172   | 2.20% | 0.866% |
| 152 | 13.422 | 13.348 | 13.514 | VV | 271 | 13931  | 3.35% | 1.316% |
| 153 | 13.529 | 13.514 | 13.616 | VV | 60  | 2179   | 0.52% | 0.206% |
| 154 | 13.629 | 13.616 | 13.655 | VV | 50  | 889    | 0.21% | 0.084% |
| 155 | 13.681 | 13.655 | 13.707 | VV | 56  | 1157   | 0.28% | 0.109% |
| 156 | 13.723 | 13.707 | 13.763 | VV | 46  | 1180   | 0.28% | 0.111% |
| 157 | 13.826 | 13.763 | 13.874 | VV | 76  | 3857   | 0.93% | 0.364% |
| 158 | 13.902 | 13.874 | 13.919 | VV | 56  | 1249   | 0.30% | 0.118% |
| 159 | 13.966 | 13.919 | 14.012 | VV | 53  | 2348   | 0.56% | 0.222% |

|                         |        |        |        |    |     |         |       |        |
|-------------------------|--------|--------|--------|----|-----|---------|-------|--------|
| 160                     | 14.045 | 14.012 | 14.066 | VV | 74  | 1913    | 0.46% | 0.181% |
| 161                     | 14.165 | 14.066 | 14.256 | VV | 138 | 9958    | 2.39% | 0.941% |
| 162                     | 14.361 | 14.256 | 14.521 | VV | 157 | 15197   | 3.65% | 1.435% |
| 163                     | 14.533 | 14.521 | 14.547 | VV | 48  | 430     | 0.10% | 0.041% |
| 164                     | 14.569 | 14.547 | 14.602 | VV | 49  | 1199    | 0.29% | 0.113% |
| 165                     | 14.645 | 14.602 | 14.684 | VV | 67  | 2346    | 0.56% | 0.222% |
| 166                     | 14.698 | 14.684 | 14.736 | VV | 60  | 1695    | 0.41% | 0.160% |
| 167                     | 14.756 | 14.736 | 14.810 | VV | 55  | 2107    | 0.51% | 0.199% |
| 168                     | 14.818 | 14.810 | 14.876 | VV | 55  | 1626    | 0.39% | 0.154% |
| 169                     | 14.908 | 14.876 | 14.985 | VV | 50  | 2461    | 0.59% | 0.232% |
| 170                     | 15.002 | 14.985 | 15.021 | VV | 37  | 742     | 0.18% | 0.070% |
| 171                     | 15.042 | 15.021 | 15.088 | VV | 48  | 1512    | 0.36% | 0.143% |
| 172                     | 15.133 | 15.088 | 15.236 | VV | 53  | 3754    | 0.90% | 0.355% |
| 173                     | 15.312 | 15.236 | 15.394 | VV | 121 | 7040    | 1.69% | 0.665% |
| 174                     | 15.471 | 15.394 | 15.560 | VV | 88  | 5238    | 1.26% | 0.495% |
| 175                     | 15.649 | 15.560 | 15.713 | VV | 161 | 8805    | 2.12% | 0.832% |
| 176                     | 15.725 | 15.713 | 15.803 | VV | 113 | 4306    | 1.03% | 0.407% |
| 177                     | 15.872 | 15.803 | 15.890 | VV | 94  | 2929    | 0.70% | 0.277% |
| 178                     | 15.923 | 15.890 | 15.951 | VV | 68  | 2137    | 0.51% | 0.202% |
| 179                     | 15.978 | 15.951 | 16.051 | VV | 60  | 3017    | 0.72% | 0.285% |
| 180                     | 16.073 | 16.051 | 16.118 | VV | 42  | 1497    | 0.36% | 0.141% |
| 181                     | 16.198 | 16.118 | 16.330 | VV | 112 | 8210    | 1.97% | 0.776% |
| 182                     | 16.442 | 16.330 | 16.563 | PV | 183 | 11072   | 2.66% | 1.046% |
| Sum of corrected areas: |        |        |        |    |     | 1058639 |       |        |

FB040419.M Fri Apr 12 08:22:25 2019