

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_B\Data\FB051719\  
Data File : FB021079.D  
Signal(s) : FID2B.CH  
Acq On : 17 May 2019 11:25  
Sample : K2905-03  
Misc : 5.06g/5.00ml DI WATER  
ALS Vial : 8 Sample Multiplier: 1

Integration File: SAMPLE.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_B\Method\FB042919.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         | 4.758       | 4.720        | 4.789      | BV       | 13             | 229          | 0.06%          | 0.033%        |
| 2         | 4.868       | 4.789        | 4.885      | PV       | 51             | 1554         | 0.44%          | 0.223%        |
| 3         | 4.894       | 4.885        | 4.948      | VV       | 34             | 875          | 0.24%          | 0.126%        |
| 4         | 4.955       | 4.948        | 4.960      | PV       | 21             | 100          | 0.03%          | 0.014%        |
| 5         | 5.178       | 5.169        | 5.224      | VV       | 52             | 1416         | 0.40%          | 0.204%        |
| 6         | 5.233       | 5.224        | 5.261      | VV       | 36             | 635          | 0.18%          | 0.091%        |
| 7         | 5.268       | 5.261        | 5.277      | VV       | 27             | 219          | 0.06%          | 0.032%        |
| 8         | 5.286       | 5.277        | 5.313      | VV       | 27             | 376          | 0.11%          | 0.054%        |
| 9         | 5.323       | 5.313        | 5.336      | VV       | 20             | 157          | 0.04%          | 0.023%        |
| 10        | 5.361       | 5.336        | 5.376      | VV       | 32             | 370          | 0.10%          | 0.053%        |
| 11        | 5.403       | 5.376        | 5.413      | PV       | 22             | 270          | 0.08%          | 0.039%        |
| 12        | 5.749       | 5.730        | 5.797      | VV       | 48             | 1504         | 0.42%          | 0.216%        |
| 13        | 5.823       | 5.797        | 5.844      | VV       | 52             | 1081         | 0.30%          | 0.155%        |
| 14        | 5.878       | 5.844        | 5.893      | VV       | 44             | 1074         | 0.30%          | 0.154%        |
| 15        | 5.907       | 5.893        | 5.944      | VV       | 34             | 640          | 0.18%          | 0.092%        |
| 16        | 5.952       | 5.944        | 5.960      | VV       | 26             | 163          | 0.05%          | 0.023%        |
| 17        | 5.970       | 5.960        | 5.993      | VV       | 22             | 303          | 0.08%          | 0.043%        |
| 18        | 6.028       | 5.993        | 6.042      | PV       | 56             | 814          | 0.23%          | 0.117%        |
| 19        | 6.058       | 6.042        | 6.068      | VV       | 58             | 512          | 0.14%          | 0.074%        |
| 20        | 6.090       | 6.068        | 6.117      | VV       | 60             | 1182         | 0.33%          | 0.170%        |
| 21        | 6.135       | 6.117        | 6.151      | VV       | 52             | 844          | 0.24%          | 0.121%        |
| 22        | 6.156       | 6.151        | 6.195      | VV       | 50             | 844          | 0.24%          | 0.121%        |
| 23        | 6.212       | 6.195        | 6.222      | VV       | 49             | 570          | 0.16%          | 0.082%        |
| 24        | 6.236       | 6.222        | 6.253      | VV       | 45             | 626          | 0.18%          | 0.090%        |
| 25        | 6.313       | 6.253        | 6.337      | VV       | 61             | 2234         | 0.63%          | 0.321%        |
| 26        | 6.348       | 6.337        | 6.361      | VV       | 60             | 715          | 0.20%          | 0.103%        |
| 27        | 6.376       | 6.361        | 6.387      | VV       | 58             | 819          | 0.23%          | 0.118%        |
| 28        | 6.395       | 6.387        | 6.402      | VV       | 56             | 466          | 0.13%          | 0.067%        |
| 29        | 6.477       | 6.402        | 6.648      | VV       | 201            | 14952        | 4.19%          | 2.150%        |
| 30        | 6.657       | 6.648        | 6.687      | VV       | 39             | 654          | 0.18%          | 0.094%        |

|    |       |       |       |    |    |      |       |        |
|----|-------|-------|-------|----|----|------|-------|--------|
| 31 | 6.709 | 6.687 | 6.720 | VV | 37 | 519  | 0.15% | 0.075% |
| 32 | 6.756 | 6.720 | 6.765 | VV | 44 | 729  | 0.20% | 0.105% |
| 33 | 6.773 | 6.765 | 6.786 | VV | 46 | 423  | 0.12% | 0.061% |
| 34 | 6.804 | 6.786 | 6.841 | VV | 51 | 881  | 0.25% | 0.127% |
| 35 | 6.856 | 6.841 | 6.868 | VV | 66 | 661  | 0.19% | 0.095% |
| 36 | 6.878 | 6.868 | 6.891 | VV | 54 | 572  | 0.16% | 0.082% |
| 37 | 6.913 | 6.891 | 6.934 | VV | 45 | 990  | 0.28% | 0.142% |
| 38 | 6.982 | 6.934 | 7.002 | VV | 48 | 1454 | 0.41% | 0.209% |
| 39 | 7.038 | 7.002 | 7.056 | VV | 56 | 1205 | 0.34% | 0.173% |
| 40 | 7.078 | 7.056 | 7.088 | VV | 45 | 737  | 0.21% | 0.106% |
| 41 | 7.106 | 7.088 | 7.119 | VV | 44 | 655  | 0.18% | 0.094% |
| 42 | 7.130 | 7.119 | 7.161 | VV | 41 | 831  | 0.23% | 0.120% |
| 43 | 7.183 | 7.161 | 7.208 | VV | 50 | 995  | 0.28% | 0.143% |
| 44 | 7.218 | 7.208 | 7.224 | VV | 41 | 350  | 0.10% | 0.050% |
| 45 | 7.234 | 7.224 | 7.243 | VV | 53 | 494  | 0.14% | 0.071% |
| 46 | 7.250 | 7.243 | 7.261 | VV | 49 | 459  | 0.13% | 0.066% |
| 47 | 7.272 | 7.261 | 7.298 | VV | 49 | 756  | 0.21% | 0.109% |
| 48 | 7.325 | 7.298 | 7.355 | VV | 41 | 1147 | 0.32% | 0.165% |
| 49 | 7.420 | 7.355 | 7.433 | VV | 42 | 1441 | 0.40% | 0.207% |
| 50 | 7.446 | 7.433 | 7.454 | VV | 29 | 320  | 0.09% | 0.046% |
| 51 | 7.472 | 7.454 | 7.485 | VV | 43 | 646  | 0.18% | 0.093% |
| 52 | 7.613 | 7.485 | 7.651 | VV | 75 | 5484 | 1.54% | 0.788% |
| 53 | 7.659 | 7.651 | 7.671 | VV | 58 | 619  | 0.17% | 0.089% |
| 54 | 7.680 | 7.671 | 7.696 | VV | 50 | 640  | 0.18% | 0.092% |
| 55 | 7.712 | 7.696 | 7.744 | VV | 48 | 1012 | 0.28% | 0.145% |
| 56 | 7.751 | 7.744 | 7.762 | VV | 37 | 196  | 0.05% | 0.028% |
| 57 | 7.828 | 7.762 | 7.888 | VV | 58 | 3081 | 0.86% | 0.443% |
| 58 | 7.898 | 7.888 | 7.908 | VV | 56 | 559  | 0.16% | 0.080% |
| 59 | 7.939 | 7.908 | 7.967 | VV | 52 | 1649 | 0.46% | 0.237% |
| 60 | 7.984 | 7.967 | 7.993 | VV | 57 | 778  | 0.22% | 0.112% |
| 61 | 8.001 | 7.993 | 8.018 | VV | 59 | 720  | 0.20% | 0.104% |
| 62 | 8.029 | 8.018 | 8.046 | VV | 48 | 650  | 0.18% | 0.093% |
| 63 | 8.065 | 8.046 | 8.076 | VV | 43 | 651  | 0.18% | 0.094% |
| 64 | 8.087 | 8.076 | 8.098 | VV | 50 | 444  | 0.12% | 0.064% |
| 65 | 8.127 | 8.098 | 8.151 | VV | 66 | 1400 | 0.39% | 0.201% |
| 66 | 8.168 | 8.151 | 8.199 | VV | 53 | 1182 | 0.33% | 0.170% |
| 67 | 8.214 | 8.199 | 8.227 | VV | 53 | 748  | 0.21% | 0.108% |
| 68 | 8.247 | 8.227 | 8.289 | VV | 61 | 1524 | 0.43% | 0.219% |
| 69 | 8.347 | 8.289 | 8.358 | VV | 49 | 1605 | 0.45% | 0.231% |
| 70 | 8.366 | 8.358 | 8.387 | VV | 46 | 679  | 0.19% | 0.098% |
| 71 | 8.393 | 8.387 | 8.423 | VV | 40 | 754  | 0.21% | 0.108% |
| 72 | 8.434 | 8.423 | 8.458 | VV | 43 | 787  | 0.22% | 0.113% |
| 73 | 8.468 | 8.458 | 8.476 | VV | 37 | 368  | 0.10% | 0.053% |
| 74 | 8.487 | 8.476 | 8.536 | VV | 47 | 1293 | 0.36% | 0.186% |
| 75 | 8.554 | 8.536 | 8.574 | VV | 40 | 714  | 0.20% | 0.103% |
| 76 | 8.586 | 8.574 | 8.595 | VV | 37 | 401  | 0.11% | 0.058% |
| 77 | 8.614 | 8.595 | 8.625 | VV | 40 | 618  | 0.17% | 0.089% |

|     |        |        |        |    |      |        |         | rtres   |
|-----|--------|--------|--------|----|------|--------|---------|---------|
| 78  | 8.641  | 8.625  | 8.657  | VV | 47   | 590    | 0.17%   | 0.085%  |
| 79  | 8.672  | 8.657  | 8.685  | VV | 48   | 611    | 0.17%   | 0.088%  |
| 80  | 8.699  | 8.685  | 8.708  | VV | 39   | 431    | 0.12%   | 0.062%  |
| 81  | 8.719  | 8.708  | 8.744  | VV | 56   | 691    | 0.19%   | 0.099%  |
| 82  | 8.767  | 8.744  | 8.786  | VV | 36   | 588    | 0.16%   | 0.085%  |
| 83  | 8.792  | 8.786  | 8.799  | VV | 33   | 186    | 0.05%   | 0.027%  |
| 84  | 8.810  | 8.799  | 8.820  | VV | 39   | 352    | 0.10%   | 0.051%  |
| 85  | 8.837  | 8.820  | 8.847  | VV | 49   | 565    | 0.16%   | 0.081%  |
| 86  | 8.856  | 8.847  | 8.864  | VV | 51   | 395    | 0.11%   | 0.057%  |
| 87  | 8.999  | 8.864  | 9.123  | VV | 6489 | 357024 | 100.00% | 51.329% |
| 88  | 9.133  | 9.123  | 9.201  | VV | 125  | 3480   | 0.97%   | 0.500%  |
| 89  | 9.216  | 9.201  | 9.259  | VV | 48   | 1267   | 0.35%   | 0.182%  |
| 90  | 9.278  | 9.259  | 9.309  | VV | 57   | 1337   | 0.37%   | 0.192%  |
| 91  | 9.367  | 9.309  | 9.399  | VV | 63   | 2920   | 0.82%   | 0.420%  |
| 92  | 9.415  | 9.399  | 9.468  | VV | 57   | 1814   | 0.51%   | 0.261%  |
| 93  | 9.478  | 9.468  | 9.499  | VV | 40   | 647    | 0.18%   | 0.093%  |
| 94  | 9.524  | 9.499  | 9.569  | VV | 43   | 1669   | 0.47%   | 0.240%  |
| 95  | 9.583  | 9.569  | 9.670  | VV | 62   | 2548   | 0.71%   | 0.366%  |
| 96  | 9.764  | 9.670  | 9.802  | VV | 47   | 2607   | 0.73%   | 0.375%  |
| 97  | 9.859  | 9.802  | 9.922  | PV | 62   | 3257   | 0.91%   | 0.468%  |
| 98  | 9.947  | 9.922  | 10.059 | VV | 65   | 3653   | 1.02%   | 0.525%  |
| 99  | 10.087 | 10.059 | 10.103 | VV | 62   | 1292   | 0.36%   | 0.186%  |
| 100 | 10.125 | 10.103 | 10.140 | VV | 52   | 1008   | 0.28%   | 0.145%  |
| 101 | 10.153 | 10.140 | 10.173 | VV | 53   | 827    | 0.23%   | 0.119%  |
| 102 | 10.214 | 10.173 | 10.270 | VV | 49   | 2344   | 0.66%   | 0.337%  |
| 103 | 10.308 | 10.270 | 10.331 | VV | 50   | 1539   | 0.43%   | 0.221%  |
| 104 | 10.363 | 10.331 | 10.396 | VV | 54   | 1573   | 0.44%   | 0.226%  |
| 105 | 10.409 | 10.396 | 10.426 | VV | 44   | 684    | 0.19%   | 0.098%  |
| 106 | 10.463 | 10.426 | 10.493 | VV | 54   | 1810   | 0.51%   | 0.260%  |
| 107 | 10.555 | 10.493 | 10.573 | VV | 63   | 2676   | 0.75%   | 0.385%  |
| 108 | 10.591 | 10.573 | 10.634 | VV | 66   | 2083   | 0.58%   | 0.300%  |
| 109 | 10.679 | 10.634 | 10.704 | VV | 63   | 2194   | 0.61%   | 0.315%  |
| 110 | 10.721 | 10.704 | 10.756 | VV | 63   | 1399   | 0.39%   | 0.201%  |
| 111 | 10.846 | 10.756 | 10.930 | VV | 92   | 6074   | 1.70%   | 0.873%  |
| 112 | 10.942 | 10.930 | 10.974 | VV | 54   | 1192   | 0.33%   | 0.171%  |
| 113 | 10.985 | 10.974 | 11.006 | VV | 50   | 792    | 0.22%   | 0.114%  |
| 114 | 11.020 | 11.006 | 11.049 | VV | 55   | 1035   | 0.29%   | 0.149%  |
| 115 | 11.076 | 11.049 | 11.114 | VV | 57   | 1638   | 0.46%   | 0.236%  |
| 116 | 11.135 | 11.114 | 11.163 | VV | 53   | 1178   | 0.33%   | 0.169%  |
| 117 | 11.188 | 11.163 | 11.202 | VV | 46   | 920    | 0.26%   | 0.132%  |
| 118 | 11.232 | 11.202 | 11.297 | VV | 56   | 2489   | 0.70%   | 0.358%  |
| 119 | 11.318 | 11.297 | 11.342 | VV | 49   | 1124   | 0.31%   | 0.162%  |
| 120 | 11.354 | 11.342 | 11.370 | VV | 50   | 701    | 0.20%   | 0.101%  |
| 121 | 11.385 | 11.370 | 11.423 | VV | 45   | 1261   | 0.35%   | 0.181%  |
| 122 | 11.467 | 11.423 | 11.482 | VV | 48   | 1460   | 0.41%   | 0.210%  |
| 123 | 11.506 | 11.482 | 11.600 | VV | 49   | 3094   | 0.87%   | 0.445%  |
| 124 | 11.625 | 11.600 | 11.683 | VV | 50   | 2136   | 0.60%   | 0.307%  |

| rteres |        |        |        |    |     |      |       |        |  |
|--------|--------|--------|--------|----|-----|------|-------|--------|--|
| 125    | 11.743 | 11.683 | 11.772 | VV | 53  | 2300 | 0.64% | 0.331% |  |
| 126    | 11.800 | 11.772 | 11.904 | VV | 58  | 3655 | 1.02% | 0.525% |  |
| 127    | 11.922 | 11.904 | 11.949 | VV | 51  | 1202 | 0.34% | 0.173% |  |
| 128    | 11.970 | 11.949 | 11.985 | VV | 51  | 931  | 0.26% | 0.134% |  |
| 129    | 12.029 | 11.985 | 12.101 | VV | 54  | 3154 | 0.88% | 0.453% |  |
| 130    | 12.115 | 12.101 | 12.136 | VV | 50  | 947  | 0.27% | 0.136% |  |
| 131    | 12.161 | 12.136 | 12.211 | VV | 51  | 2087 | 0.58% | 0.300% |  |
| 132    | 12.281 | 12.211 | 12.299 | VV | 51  | 2262 | 0.63% | 0.325% |  |
| 133    | 12.312 | 12.299 | 12.338 | VV | 48  | 821  | 0.23% | 0.118% |  |
| 134    | 12.370 | 12.338 | 12.391 | VV | 61  | 1220 | 0.34% | 0.175% |  |
| 135    | 12.411 | 12.391 | 12.433 | VV | 55  | 1101 | 0.31% | 0.158% |  |
| 136    | 12.456 | 12.433 | 12.498 | VV | 68  | 2035 | 0.57% | 0.293% |  |
| 137    | 12.516 | 12.498 | 12.570 | VV | 57  | 1966 | 0.55% | 0.283% |  |
| 138    | 12.593 | 12.570 | 12.631 | VV | 54  | 1612 | 0.45% | 0.232% |  |
| 139    | 12.645 | 12.631 | 12.690 | VV | 45  | 1239 | 0.35% | 0.178% |  |
| 140    | 12.716 | 12.690 | 12.730 | VV | 70  | 1087 | 0.30% | 0.156% |  |
| 141    | 12.744 | 12.730 | 12.797 | VV | 62  | 2108 | 0.59% | 0.303% |  |
| 142    | 12.809 | 12.797 | 12.858 | VV | 56  | 1450 | 0.41% | 0.208% |  |
| 143    | 12.877 | 12.858 | 12.893 | VV | 52  | 771  | 0.22% | 0.111% |  |
| 144    | 12.918 | 12.893 | 12.945 | VV | 62  | 1215 | 0.34% | 0.175% |  |
| 145    | 12.960 | 12.945 | 12.975 | VV | 35  | 504  | 0.14% | 0.072% |  |
| 146    | 13.155 | 12.975 | 13.180 | VV | 79  | 6516 | 1.83% | 0.937% |  |
| 147    | 13.282 | 13.180 | 13.307 | VV | 67  | 3621 | 1.01% | 0.521% |  |
| 148    | 13.329 | 13.307 | 13.385 | VV | 59  | 2490 | 0.70% | 0.358% |  |
| 149    | 13.418 | 13.385 | 13.475 | VV | 85  | 3489 | 0.98% | 0.502% |  |
| 150    | 13.493 | 13.475 | 13.515 | VV | 62  | 1262 | 0.35% | 0.181% |  |
| 151    | 13.530 | 13.515 | 13.544 | VV | 64  | 931  | 0.26% | 0.134% |  |
| 152    | 13.558 | 13.544 | 13.582 | VV | 61  | 1133 | 0.32% | 0.163% |  |
| 153    | 13.616 | 13.582 | 13.710 | VV | 59  | 3507 | 0.98% | 0.504% |  |
| 154    | 13.724 | 13.710 | 13.791 | VV | 71  | 2366 | 0.66% | 0.340% |  |
| 155    | 13.807 | 13.791 | 13.849 | VV | 62  | 1774 | 0.50% | 0.255% |  |
| 156    | 13.870 | 13.849 | 13.905 | VV | 65  | 1730 | 0.48% | 0.249% |  |
| 157    | 13.938 | 13.905 | 13.976 | VV | 68  | 2057 | 0.58% | 0.296% |  |
| 158    | 14.099 | 13.976 | 14.111 | VV | 67  | 4246 | 1.19% | 0.610% |  |
| 159    | 14.152 | 14.111 | 14.256 | VV | 92  | 6002 | 1.68% | 0.863% |  |
| 160    | 14.364 | 14.256 | 14.391 | VV | 138 | 8361 | 2.34% | 1.202% |  |
| 161    | 14.406 | 14.391 | 14.474 | VV | 116 | 4367 | 1.22% | 0.628% |  |
| 162    | 14.490 | 14.474 | 14.512 | VV | 69  | 1274 | 0.36% | 0.183% |  |
| 163    | 14.523 | 14.512 | 14.546 | VV | 74  | 1160 | 0.32% | 0.167% |  |
| 164    | 14.577 | 14.546 | 14.604 | VV | 79  | 2185 | 0.61% | 0.314% |  |
| 165    | 14.625 | 14.604 | 14.705 | VV | 83  | 3640 | 1.02% | 0.523% |  |
| 166    | 14.752 | 14.705 | 14.775 | VV | 81  | 2611 | 0.73% | 0.375% |  |
| 167    | 14.790 | 14.775 | 14.805 | VV | 62  | 1033 | 0.29% | 0.148% |  |
| 168    | 14.828 | 14.805 | 14.857 | VV | 82  | 1902 | 0.53% | 0.273% |  |
| 169    | 14.870 | 14.857 | 14.893 | VV | 70  | 1279 | 0.36% | 0.184% |  |
| 170    | 14.918 | 14.893 | 14.955 | VV | 71  | 2156 | 0.60% | 0.310% |  |

|                         |        |        |        |     |     | rteres |       |        |
|-------------------------|--------|--------|--------|-----|-----|--------|-------|--------|
| 171                     | 14.974 | 14.955 | 14.990 | VV  | 64  | 1155   | 0.32% | 0.166% |
| 172                     | 15.016 | 14.990 | 15.091 | VV  | 67  | 3572   | 1.00% | 0.514% |
| 173                     | 15.161 | 15.091 | 15.216 | VV  | 119 | 6495   | 1.82% | 0.934% |
| 174                     | 15.319 | 15.216 | 15.397 | VV  | 114 | 9652   | 2.70% | 1.388% |
| 175                     | 15.461 | 15.397 | 15.494 | VV  | 89  | 4132   | 1.16% | 0.594% |
|                         |        |        |        |     |     |        |       |        |
| 176                     | 15.510 | 15.494 | 15.561 | VV  | 76  | 2160   | 0.61% | 0.311% |
| 177                     | 15.658 | 15.561 | 15.709 | VV  | 99  | 6583   | 1.84% | 0.946% |
| 178                     | 15.739 | 15.709 | 15.762 | VV  | 88  | 2415   | 0.68% | 0.347% |
| 179                     | 15.773 | 15.762 | 15.808 | VV  | 101 | 2125   | 0.60% | 0.306% |
| 180                     | 15.831 | 15.808 | 15.892 | VV  | 97  | 4042   | 1.13% | 0.581% |
|                         |        |        |        |     |     |        |       |        |
| 181                     | 15.927 | 15.892 | 15.951 | VV  | 125 | 3044   | 0.85% | 0.438% |
| 182                     | 15.963 | 15.951 | 16.079 | VV  | 103 | 6238   | 1.75% | 0.897% |
| 183                     | 16.096 | 16.079 | 16.155 | VV  | 95  | 3672   | 1.03% | 0.528% |
| 184                     | 16.171 | 16.155 | 16.209 | VV  | 87  | 2533   | 0.71% | 0.364% |
| 185                     | 16.225 | 16.209 | 16.264 | VV  | 86  | 2566   | 0.72% | 0.369% |
|                         |        |        |        |     |     |        |       |        |
| 186                     | 16.291 | 16.264 | 16.313 | VV  | 98  | 2069   | 0.58% | 0.297% |
| 187                     | 16.445 | 16.313 | 16.496 | VV  | 149 | 11074  | 3.10% | 1.592% |
| 188                     | 16.517 | 16.496 | 16.538 | VV  | 104 | 2089   | 0.59% | 0.300% |
| 189                     | 16.565 | 16.538 | 16.602 | VBA | 98  | 3000   | 0.84% | 0.431% |
| Sum of corrected areas: |        |        |        |     |     | 695564 |       |        |

FB042919.M Mon May 20 08:22:43 2019