

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW052424\  
 Data File : VW028818.D  
 Acq On : 26 May 2024 03:40  
 Operator : SY/MD  
 Sample : P2590-22  
 Misc : 5.13g/10mL/MSVOA\_W/SOIL/A  
 ALS Vial : 48 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BHBM6

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM050224SMA.M  
 Title : SFAM01.0

Signal : TIC: VW028818.D\data.ms

| peak<br># | R.T.<br>min | first<br>scan | max<br>scan | last<br>scan | PK<br>TY | peak<br>height | corr.<br>area | corr.<br>% max. | % of<br>total |
|-----------|-------------|---------------|-------------|--------------|----------|----------------|---------------|-----------------|---------------|
| 1         | 2.363       | 73            | 78          | 90           | rVB      | 71566          | 154181        | 11.11%          | 1.834%        |
| 2         | 2.899       | 160           | 166         | 181          | rVB      | 55448          | 160450        | 11.56%          | 1.908%        |
| 3         | 3.369       | 241           | 243         | 244          | rBV2     | 710            | 439           | 0.03%           | 0.005%        |
| 4         | 3.820       | 315           | 317         | 319          | rVB4     | 727            | 750           | 0.05%           | 0.009%        |
| 5         | 3.856       | 321           | 323         | 324          | rBV2     | 657            | 690           | 0.05%           | 0.008%        |
| 6         | 3.905       | 327           | 331         | 332          | rBV3     | 553            | 649           | 0.05%           | 0.008%        |
| 7         | 3.923       | 332           | 334         | 335          | rBV2     | 694            | 369           | 0.03%           | 0.004%        |
| 8         | 4.021       | 339           | 350         | 364          | rBV      | 124141         | 379668        | 27.36%          | 4.516%        |
| 9         | 4.381       | 404           | 409         | 410          | rBV      | 3564           | 4838          | 0.35%           | 0.058%        |
| 10        | 4.515       | 429           | 431         | 435          | rBV4     | 488            | 495           | 0.04%           | 0.006%        |
| 11        | 4.923       | 484           | 498         | 509          | rBV      | 11419          | 39062         | 2.81%           | 0.465%        |
| 12        | 5.076       | 520           | 523         | 524          | rBV2     | 490            | 400           | 0.03%           | 0.005%        |
| 13        | 5.246       | 550           | 551         | 552          | rBV      | 343            | 196           | 0.01%           | 0.002%        |
| 14        | 5.295       | 557           | 559         | 560          | rBV2     | 674            | 354           | 0.03%           | 0.004%        |
| 15        | 5.338       | 564           | 566         | 569          | rBV4     | 797            | 992           | 0.07%           | 0.012%        |
| 16        | 5.405       | 575           | 577         | 579          | rBV3     | 504            | 430           | 0.03%           | 0.005%        |
| 17        | 5.496       | 589           | 592         | 593          | rBV2     | 466            | 385           | 0.03%           | 0.005%        |
| 18        | 5.515       | 593           | 595         | 600          | rBV3     | 814            | 1396          | 0.10%           | 0.017%        |
| 19        | 5.655       | 616           | 618         | 621          | rVB2     | 703            | 631           | 0.05%           | 0.008%        |
| 20        | 5.691       | 621           | 624         | 625          | rBV3     | 500            | 533           | 0.04%           | 0.006%        |
| 21        | 5.795       | 640           | 641         | 642          | rVB      | 294            | 107           | 0.01%           | 0.001%        |
| 22        | 5.844       | 648           | 649         | 653          | rBV4     | 469            | 696           | 0.05%           | 0.008%        |
| 23        | 5.880       | 653           | 655         | 656          | rVV2     | 706            | 554           | 0.04%           | 0.007%        |
| 24        | 5.947       | 656           | 666         | 677          | rVV9     | 4524           | 15827         | 1.14%           | 0.188%        |
| 25        | 6.033       | 678           | 680         | 682          | rVV2     | 536            | 333           | 0.02%           | 0.004%        |
| 26        | 6.057       | 682           | 684         | 685          | rVV2     | 470            | 198           | 0.01%           | 0.002%        |
| 27        | 6.167       | 699           | 702         | 704          | rBV3     | 600            | 636           | 0.05%           | 0.008%        |
| 28        | 6.246       | 714           | 715         | 717          | rVB      | 917            | 402           | 0.03%           | 0.005%        |
| 29        | 6.271       | 717           | 719         | 720          | rBV2     | 1212           | 756           | 0.05%           | 0.009%        |
| 30        | 6.350       | 730           | 732         | 735          | rBV4     | 866            | 841           | 0.06%           | 0.010%        |
| 31        | 6.399       | 736           | 740         | 742          | rVV4     | 712            | 898           | 0.06%           | 0.011%        |
| 32        | 6.417       | 742           | 743         | 745          | rVV      | 707            | 440           | 0.03%           | 0.005%        |
| 33        | 6.435       | 745           | 746         | 748          | rVV2     | 559            | 372           | 0.03%           | 0.004%        |
| 34        | 6.478       | 750           | 753         | 756          | rVB4     | 962            | 987           | 0.07%           | 0.012%        |
| 35        | 6.502       | 756           | 757         | 759          | rBV2     | 417            | 395           | 0.03%           | 0.005%        |
| 36        | 6.539       | 761           | 763         | 764          | rBV2     | 494            | 309           | 0.02%           | 0.004%        |

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 BHBM6

Integration Parameters: LSCINT.P

Integrator: RTE

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Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM050224SMA.M  
 Title : SFAM01.0

|    |        |      |      |      |      |        |         |         |         |
|----|--------|------|------|------|------|--------|---------|---------|---------|
| 37 | 6.618  | 772  | 776  | 777  | rBV2 | 634    | 570     | 0.04%   | 0.007%  |
| 38 | 6.630  | 777  | 778  | 780  | rVV  | 416    | 343     | 0.02%   | 0.004%  |
| 39 | 6.710  | 789  | 791  | 792  | rBV2 | 492    | 344     | 0.02%   | 0.004%  |
| 40 | 6.728  | 792  | 794  | 796  | rVB3 | 681    | 507     | 0.04%   | 0.006%  |
| 41 | 6.923  | 824  | 826  | 828  | rBV2 | 794    | 667     | 0.05%   | 0.008%  |
| 42 | 6.972  | 832  | 834  | 836  | rBV3 | 509    | 579     | 0.04%   | 0.007%  |
| 43 | 7.014  | 839  | 841  | 844  | rBV4 | 481    | 529     | 0.04%   | 0.006%  |
| 44 | 7.075  | 844  | 851  | 856  | rBV  | 36158  | 101231  | 7.29%   | 1.204%  |
| 45 | 7.648  | 936  | 945  | 961  | rVB  | 259964 | 632327  | 45.57%  | 7.521%  |
| 46 | 7.886  | 982  | 984  | 986  | rBV3 | 778    | 936     | 0.07%   | 0.011%  |
| 47 | 8.002  | 1002 | 1003 | 1004 | rBV  | 632    | 312     | 0.02%   | 0.004%  |
| 48 | 8.276  | 1038 | 1048 | 1064 | rBV2 | 469407 | 1387706 | 100.00% | 16.506% |
| 49 | 8.532  | 1088 | 1090 | 1095 | rBV6 | 1008   | 1893    | 0.14%   | 0.023%  |
| 50 | 8.630  | 1099 | 1106 | 1110 | rVB8 | 1458   | 3355    | 0.24%   | 0.040%  |
| 51 | 8.843  | 1131 | 1141 | 1151 | rBV  | 465592 | 925510  | 66.69%  | 11.008% |
| 52 | 9.270  | 1202 | 1211 | 1222 | rBV  | 351401 | 721537  | 51.99%  | 8.582%  |
| 53 | 9.849  | 1304 | 1306 | 1308 | rVB3 | 931    | 763     | 0.05%   | 0.009%  |
| 54 | 9.983  | 1325 | 1328 | 1329 | rBV3 | 864    | 892     | 0.06%   | 0.011%  |
| 55 | 10.032 | 1329 | 1336 | 1349 | rVV  | 120109 | 227640  | 16.40%  | 2.708%  |
| 56 | 10.245 | 1369 | 1371 | 1374 | rBV3 | 833    | 875     | 0.06%   | 0.010%  |
| 57 | 10.325 | 1376 | 1384 | 1393 | rBV  | 535439 | 964146  | 69.48%  | 11.468% |
| 58 | 10.575 | 1417 | 1425 | 1435 | rBV  | 70890  | 128997  | 9.30%   | 1.534%  |
| 59 | 10.703 | 1441 | 1446 | 1454 | rVB2 | 8767   | 15270   | 1.10%   | 0.182%  |
| 60 | 10.922 | 1476 | 1482 | 1497 | rBV2 | 89540  | 188057  | 13.55%  | 2.237%  |
| 61 | 11.062 | 1501 | 1505 | 1510 | rVV2 | 5875   | 9405    | 0.68%   | 0.112%  |
| 62 | 11.477 | 1571 | 1573 | 1574 | rBV3 | 517    | 267     | 0.02%   | 0.003%  |
| 63 | 11.507 | 1576 | 1578 | 1583 | rVB6 | 647    | 573     | 0.04%   | 0.007%  |
| 64 | 11.550 | 1583 | 1585 | 1587 | rVB2 | 783    | 623     | 0.04%   | 0.007%  |
| 65 | 11.575 | 1587 | 1589 | 1590 | rBV2 | 532    | 469     | 0.03%   | 0.006%  |
| 66 | 11.629 | 1590 | 1598 | 1609 | rBV  | 518647 | 884810  | 63.76%  | 10.524% |
| 67 | 11.928 | 1645 | 1647 | 1649 | rBV3 | 832    | 647     | 0.05%   | 0.008%  |
| 68 | 12.068 | 1669 | 1670 | 1672 | rBV  | 826    | 825     | 0.06%   | 0.010%  |
| 69 | 12.160 | 1681 | 1685 | 1687 | rBV4 | 1353   | 1844    | 0.13%   | 0.022%  |
| 70 | 12.288 | 1703 | 1706 | 1708 | rVB3 | 502    | 481     | 0.03%   | 0.006%  |
| 71 | 12.324 | 1710 | 1712 | 1714 | rBV2 | 1064   | 890     | 0.06%   | 0.011%  |
| 72 | 12.428 | 1727 | 1729 | 1730 | rBV2 | 446    | 373     | 0.03%   | 0.004%  |
| 73 | 12.440 | 1730 | 1731 | 1733 | rVV2 | 604    | 463     | 0.03%   | 0.006%  |
| 74 | 12.507 | 1741 | 1742 | 1743 | rBV  | 460    | 193     | 0.01%   | 0.002%  |
| 75 | 12.599 | 1750 | 1757 | 1764 | rBV2 | 14934  | 26737   | 1.93%   | 0.318%  |
| 76 | 12.690 | 1764 | 1772 | 1781 | rBV  | 243929 | 401576  | 28.94%  | 4.776%  |

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Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM050224SMA.M  
 Title : SFAM01.0

|     |        |      |      |      |      |        |        |        |        |
|-----|--------|------|------|------|------|--------|--------|--------|--------|
| 77  | 12.928 | 1807 | 1811 | 1816 | rBV6 | 3276   | 6633   | 0.48%  | 0.079% |
| 78  | 13.001 | 1822 | 1823 | 1824 | rBV  | 695    | 284    | 0.02%  | 0.003% |
| 79  | 13.019 | 1824 | 1826 | 1829 | rVB4 | 678    | 411    | 0.03%  | 0.005% |
| 80  | 13.105 | 1837 | 1840 | 1841 | rBV3 | 555    | 636    | 0.05%  | 0.008% |
| 81  | 13.184 | 1850 | 1853 | 1859 | rVB6 | 2698   | 4118   | 0.30%  | 0.049% |
| 82  | 13.288 | 1866 | 1870 | 1877 | rVB4 | 4878   | 7819   | 0.56%  | 0.093% |
| 83  | 13.397 | 1886 | 1888 | 1893 | rVB3 | 5891   | 9013   | 0.65%  | 0.107% |
| 84  | 13.556 | 1907 | 1914 | 1921 | rBV  | 285394 | 469886 | 33.86% | 5.589% |
| 85  | 13.848 | 1954 | 1962 | 1974 | rBV  | 269320 | 454068 | 32.72% | 5.401% |
| 86  | 14.062 | 1992 | 1997 | 2009 | rVB2 | 10190  | 20201  | 1.46%  | 0.240% |
| 87  | 14.226 | 2023 | 2024 | 2025 | rBV  | 673    | 324    | 0.02%  | 0.004% |
| 88  | 14.440 | 2058 | 2059 | 2061 | rBV2 | 457    | 312    | 0.02%  | 0.004% |
| 89  | 14.464 | 2061 | 2063 | 2065 | rBV3 | 418    | 389    | 0.03%  | 0.005% |
| 90  | 14.580 | 2080 | 2082 | 2083 | rBV2 | 908    | 620    | 0.04%  | 0.007% |
| 91  | 14.806 | 2117 | 2119 | 2122 | rBV2 | 580    | 693    | 0.05%  | 0.008% |
| 92  | 15.013 | 2148 | 2153 | 2155 | rBV5 | 773    | 1418   | 0.10%  | 0.017% |
| 93  | 15.037 | 2155 | 2157 | 2158 | rBV2 | 630    | 429    | 0.03%  | 0.005% |
| 94  | 15.293 | 2197 | 2199 | 2200 | rBV2 | 613    | 301    | 0.02%  | 0.004% |
| 95  | 15.421 | 2215 | 2220 | 2226 | rBV3 | 11868  | 19694  | 1.42%  | 0.234% |
| 96  | 15.616 | 2250 | 2252 | 2255 | rBV2 | 870    | 1086   | 0.08%  | 0.013% |
| 97  | 15.714 | 2266 | 2268 | 2271 | rBV3 | 800    | 925    | 0.07%  | 0.011% |
| 98  | 16.324 | 2366 | 2368 | 2371 | rBV4 | 646    | 685    | 0.05%  | 0.008% |
| 99  | 16.439 | 2385 | 2387 | 2388 | rVB  | 758    | 466    | 0.03%  | 0.006% |
| 100 | 16.750 | 2434 | 2438 | 2440 | rBV5 | 912    | 1166   | 0.08%  | 0.014% |

Sum of corrected areas: 8407398



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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM050224SMA.M  
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected

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TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

| TIC Top Hit name | RT | EstConc | Units | Response | --Internal Standard-- |    |      |      |
|------------------|----|---------|-------|----------|-----------------------|----|------|------|
|                  |    |         |       |          | #                     | RT | Resp | Conc |