

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW122123\  
 Data File : VW027823.D  
 Acq On : 21 Dec 2023 15:52  
 Operator : SY/MD  
 Sample : 05808-04  
 Misc : 5.04g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VHBLK001

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\SFAMWLM121523SMA.M  
 Title : SFAM01.0

Signal : TIC: VW027823.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       | 71            | 78          | 92           | rVB      | 72491          | 148005        | 14.36%          | 1.907%        |
| 2         | 2.905       | 158           | 167         | 182          | rBV      | 51121          | 131209        | 12.73%          | 1.691%        |
| 3         | 3.399       | 244           | 248         | 253          | rBV3     | 944            | 1614          | 0.16%           | 0.021%        |
| 4         | 3.539       | 269           | 271         | 272          | rBV      | 276            | 150           | 0.01%           | 0.002%        |
| 5         | 3.558       | 272           | 274         | 277          | rVB      | 249            | 179           | 0.02%           | 0.002%        |
| 6         | 3.905       | 328           | 331         | 333          | rBV      | 160            | 189           | 0.02%           | 0.002%        |
| 7         | 4.027       | 340           | 351         | 365          | rBV      | 132730         | 355179        | 34.46%          | 4.577%        |
| 8         | 4.393       | 409           | 411         | 412          | rVB      | 307            | 176           | 0.02%           | 0.002%        |
| 9         | 4.497       | 425           | 428         | 429          | rBV2     | 234            | 225           | 0.02%           | 0.003%        |
| 10        | 4.625       | 447           | 449         | 453          | rVB2     | 291            | 292           | 0.03%           | 0.004%        |
| 11        | 4.673       | 456           | 457         | 460          | rBV2     | 227            | 204           | 0.02%           | 0.003%        |
| 12        | 4.710       | 462           | 463         | 467          | rVB      | 291            | 202           | 0.02%           | 0.003%        |
| 13        | 4.826       | 480           | 482         | 485          | rVV2     | 172            | 171           | 0.02%           | 0.002%        |
| 14        | 4.923       | 485           | 498         | 511          | rVB2     | 14227          | 46139         | 4.48%           | 0.595%        |
| 15        | 5.015       | 511           | 513         | 516          | rBV2     | 135            | 170           | 0.02%           | 0.002%        |
| 16        | 5.399       | 574           | 576         | 578          | rVV2     | 154            | 164           | 0.02%           | 0.002%        |
| 17        | 5.496       | 588           | 592         | 594          | rBV2     | 117            | 165           | 0.02%           | 0.002%        |
| 18        | 5.600       | 604           | 609         | 610          | rVB      | 150            | 191           | 0.02%           | 0.002%        |
| 19        | 5.746       | 628           | 633         | 635          | rBV2     | 360            | 552           | 0.05%           | 0.007%        |
| 20        | 5.947       | 656           | 666         | 676          | rVV3     | 7217           | 20967         | 2.03%           | 0.270%        |
| 21        | 6.484       | 751           | 754         | 756          | rBV2     | 239            | 239           | 0.02%           | 0.003%        |
| 22        | 6.508       | 756           | 758         | 760          | rBV2     | 212            | 158           | 0.02%           | 0.002%        |
| 23        | 6.673       | 782           | 785         | 788          | rVB2     | 152            | 158           | 0.02%           | 0.002%        |
| 24        | 7.094       | 845           | 854         | 859          | rBV      | 16193          | 47823         | 4.64%           | 0.616%        |
| 25        | 7.313       | 888           | 890         | 894          | rVB3     | 266            | 192           | 0.02%           | 0.002%        |
| 26        | 7.405       | 903           | 905         | 906          | rBV2     | 255            | 226           | 0.02%           | 0.003%        |
| 27        | 7.459       | 911           | 914         | 916          | rVV      | 293            | 263           | 0.03%           | 0.003%        |
| 28        | 7.496       | 916           | 920         | 923          | rVV2     | 182            | 277           | 0.03%           | 0.004%        |
| 29        | 7.569       | 929           | 932         | 935          | rVV2     | 159            | 205           | 0.02%           | 0.003%        |
| 30        | 7.648       | 935           | 945         | 959          | rVV      | 174607         | 431944        | 41.91%          | 5.566%        |
| 31        | 7.770       | 962           | 965         | 970          | rVV4     | 532            | 997           | 0.10%           | 0.013%        |
| 32        | 7.892       | 982           | 985         | 988          | rBV2     | 153            | 197           | 0.02%           | 0.003%        |
| 33        | 7.953       | 993           | 995         | 1000         | rVB      | 260            | 411           | 0.04%           | 0.005%        |
| 34        | 8.276       | 1038          | 1048        | 1065         | rVV2     | 366256         | 1030733       | 100.00%         | 13.282%       |
| 35        | 8.417       | 1069          | 1071        | 1073         | rVB      | 345            | 242           | 0.02%           | 0.003%        |
| 36        | 8.496       | 1082          | 1084        | 1087         | rVB2     | 299            | 230           | 0.02%           | 0.003%        |

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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\SFAMWLM121523SMA.M  
 Title : SFAM01.0

|    |        |      |      |      |      |        |        |        |         |
|----|--------|------|------|------|------|--------|--------|--------|---------|
| 37 | 8.618  | 1103 | 1104 | 1105 | rBV  | 259    | 161    | 0.02%  | 0.002%  |
| 38 | 8.636  | 1105 | 1107 | 1109 | rVV  | 311    | 257    | 0.02%  | 0.003%  |
| 39 | 8.679  | 1111 | 1114 | 1118 | rBV2 | 411    | 701    | 0.07%  | 0.009%  |
| 40 | 8.843  | 1132 | 1141 | 1155 | rBV  | 394555 | 771495 | 74.85% | 9.941%  |
| 41 | 9.026  | 1169 | 1171 | 1175 | rVV2 | 258    | 235    | 0.02%  | 0.003%  |
| 42 | 9.087  | 1175 | 1181 | 1184 | rVB4 | 690    | 1222   | 0.12%  | 0.016%  |
| 43 | 9.276  | 1202 | 1212 | 1222 | rBV  | 224999 | 456705 | 44.31% | 5.885%  |
| 44 | 9.422  | 1234 | 1236 | 1239 | rBV2 | 139    | 186    | 0.02%  | 0.002%  |
| 45 | 9.672  | 1273 | 1277 | 1283 | rVB2 | 316    | 488    | 0.05%  | 0.006%  |
| 46 | 10.032 | 1324 | 1336 | 1349 | rBV  | 116214 | 216437 | 21.00% | 2.789%  |
| 47 | 10.325 | 1376 | 1384 | 1401 | rBV  | 538233 | 956488 | 92.80% | 12.325% |
| 48 | 10.459 | 1403 | 1406 | 1407 | rBV3 | 258    | 232    | 0.02%  | 0.003%  |
| 49 | 10.502 | 1411 | 1413 | 1414 | rBV2 | 286    | 209    | 0.02%  | 0.003%  |
| 50 | 10.575 | 1419 | 1425 | 1437 | rVB  | 68186  | 120898 | 11.73% | 1.558%  |
| 51 | 10.697 | 1437 | 1445 | 1454 | rBV  | 39789  | 72105  | 7.00%  | 0.929%  |
| 52 | 10.849 | 1465 | 1470 | 1473 | rBV2 | 381    | 674    | 0.07%  | 0.009%  |
| 53 | 10.922 | 1476 | 1482 | 1497 | rVV  | 71825  | 127769 | 12.40% | 1.646%  |
| 54 | 11.062 | 1501 | 1505 | 1510 | rVV4 | 2201   | 3754   | 0.36%  | 0.048%  |
| 55 | 11.178 | 1518 | 1524 | 1527 | rVB4 | 915    | 1502   | 0.15%  | 0.019%  |
| 56 | 11.276 | 1538 | 1540 | 1542 | rVV2 | 190    | 165    | 0.02%  | 0.002%  |
| 57 | 11.404 | 1558 | 1561 | 1562 | rBV2 | 371    | 385    | 0.04%  | 0.005%  |
| 58 | 11.434 | 1562 | 1566 | 1571 | rVB2 | 2127   | 3578   | 0.35%  | 0.046%  |
| 59 | 11.471 | 1571 | 1572 | 1576 | rVB2 | 210    | 266    | 0.03%  | 0.003%  |
| 60 | 11.501 | 1576 | 1577 | 1580 | rBV2 | 153    | 173    | 0.02%  | 0.002%  |
| 61 | 11.629 | 1590 | 1598 | 1609 | rBV  | 521980 | 867344 | 84.15% | 11.176% |
| 62 | 11.837 | 1629 | 1632 | 1637 | rVB4 | 327    | 690    | 0.07%  | 0.009%  |
| 63 | 11.928 | 1646 | 1647 | 1652 | rVB  | 216    | 230    | 0.02%  | 0.003%  |
| 64 | 12.050 | 1664 | 1667 | 1668 | rBV2 | 205    | 185    | 0.02%  | 0.002%  |
| 65 | 12.160 | 1682 | 1685 | 1686 | rBV  | 259    | 239    | 0.02%  | 0.003%  |
| 66 | 12.178 | 1686 | 1688 | 1692 | rVV3 | 372    | 438    | 0.04%  | 0.006%  |
| 67 | 12.239 | 1696 | 1698 | 1701 | rBV2 | 185    | 175    | 0.02%  | 0.002%  |
| 68 | 12.471 | 1732 | 1736 | 1739 | rVV3 | 877    | 1227   | 0.12%  | 0.016%  |
| 69 | 12.605 | 1751 | 1758 | 1765 | rVB  | 40202  | 61214  | 5.94%  | 0.789%  |
| 70 | 12.690 | 1765 | 1772 | 1780 | rBV  | 158619 | 255130 | 24.75% | 3.288%  |
| 71 | 12.818 | 1791 | 1793 | 1797 | rVB2 | 182    | 169    | 0.02%  | 0.002%  |
| 72 | 12.928 | 1806 | 1811 | 1816 | rBV4 | 779    | 1350   | 0.13%  | 0.017%  |
| 73 | 13.025 | 1823 | 1827 | 1829 | rBV3 | 286    | 434    | 0.04%  | 0.006%  |
| 74 | 13.074 | 1833 | 1835 | 1836 | rVB  | 241    | 167    | 0.02%  | 0.002%  |
| 75 | 13.105 | 1836 | 1840 | 1842 | rVB  | 166    | 188    | 0.02%  | 0.002%  |
| 76 | 13.141 | 1842 | 1846 | 1847 | rBV  | 161    | 170    | 0.02%  | 0.002%  |

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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\SFAMWLM121523SMA.M  
 Title : SFAM01.0

|     |        |      |      |      |      |        |        |        |         |
|-----|--------|------|------|------|------|--------|--------|--------|---------|
| 77  | 13.184 | 1851 | 1853 | 1856 | rVB  | 261    | 245    | 0.02%  | 0.003%  |
| 78  | 13.288 | 1866 | 1870 | 1874 | rVB3 | 1256   | 1937   | 0.19%  | 0.025%  |
| 79  | 13.385 | 1883 | 1886 | 1887 | rBV2 | 260    | 309    | 0.03%  | 0.004%  |
| 80  | 13.403 | 1887 | 1889 | 1893 | rVB3 | 598    | 721    | 0.07%  | 0.009%  |
| 81  | 13.458 | 1893 | 1898 | 1902 | rBV4 | 994    | 1420   | 0.14%  | 0.018%  |
| 82  | 13.495 | 1902 | 1904 | 1907 | rBV3 | 721    | 1050   | 0.10%  | 0.014%  |
| 83  | 13.556 | 1907 | 1914 | 1926 | rVV  | 520387 | 842057 | 81.69% | 10.851% |
| 84  | 13.757 | 1944 | 1947 | 1949 | rBV3 | 703    | 859    | 0.08%  | 0.011%  |
| 85  | 13.849 | 1955 | 1962 | 1970 | rBV  | 437027 | 724799 | 70.32% | 9.340%  |
| 86  | 14.007 | 1986 | 1988 | 1990 | rBV2 | 412    | 331    | 0.03%  | 0.004%  |
| 87  | 14.062 | 1991 | 1997 | 2005 | rVB2 | 15639  | 24087  | 2.34%  | 0.310%  |
| 88  | 14.324 | 2037 | 2040 | 2047 | rVB4 | 1074   | 2057   | 0.20%  | 0.027%  |
| 89  | 14.519 | 2070 | 2072 | 2073 | rVB2 | 467    | 291    | 0.03%  | 0.004%  |
| 90  | 14.550 | 2075 | 2077 | 2079 | rVB  | 288    | 158    | 0.02%  | 0.002%  |
| 91  | 14.684 | 2097 | 2099 | 2100 | rBV  | 277    | 185    | 0.02%  | 0.002%  |
| 92  | 14.714 | 2101 | 2104 | 2108 | rVB3 | 1471   | 1910   | 0.19%  | 0.025%  |
| 93  | 14.891 | 2131 | 2133 | 2136 | rBV2 | 269    | 245    | 0.02%  | 0.003%  |
| 94  | 15.043 | 2157 | 2158 | 2160 | rBV2 | 259    | 209    | 0.02%  | 0.003%  |
| 95  | 15.092 | 2164 | 2166 | 2168 | rBV  | 430    | 356    | 0.03%  | 0.005%  |
| 96  | 15.208 | 2184 | 2185 | 2187 | rBV2 | 324    | 166    | 0.02%  | 0.002%  |
| 97  | 15.275 | 2194 | 2196 | 2199 | rVB2 | 439    | 333    | 0.03%  | 0.004%  |
| 98  | 15.385 | 2212 | 2214 | 2216 | rBV3 | 612    | 706    | 0.07%  | 0.009%  |
| 99  | 15.427 | 2217 | 2221 | 2225 | rVV2 | 4647   | 7269   | 0.71%  | 0.094%  |
| 100 | 15.482 | 2225 | 2230 | 2235 | rVB3 | 1488   | 2889   | 0.28%  | 0.037%  |

Sum of corrected areas: 7760462



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Instrument :  
MSVOA\_W  
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM121523SMA.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 | # | RT | Resp | Conc |
|------------------|----|---------|-------|----------|---|----|------|------|
|------------------|----|---------|-------|----------|---|----|------|------|