

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD042122\  
 Data File : VD072675.D  
 Acq On : 21 Apr 2022 17:14  
 Operator : VA/SY  
 Sample : N2494-04  
 Misc : 5.07G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 MH-1D

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % 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\_D\Method\82D032922S.M  
 Title : SW846 8260

Signal : TIC: VD072675.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         | 2.203       | 47            | 48          | 50           | rBV2     | 1842           | 1720          | 1.30%           | 0.179%        |
| 2         | 2.344       | 69            | 72          | 73           | rBV      | 2495           | 2406          | 1.82%           | 0.251%        |
| 3         | 2.485       | 94            | 96          | 101          | rBV2     | 2759           | 3901          | 2.95%           | 0.407%        |
| 4         | 2.650       | 122           | 124         | 126          | rBV2     | 2201           | 1701          | 1.29%           | 0.177%        |
| 5         | 2.697       | 130           | 132         | 136          | rBV2     | 1480           | 1838          | 1.39%           | 0.192%        |
| 6         | 2.768       | 141           | 144         | 147          | rBV2     | 2395           | 3595          | 2.72%           | 0.375%        |
| 7         | 2.850       | 157           | 158         | 161          | rBV2     | 1730           | 1691          | 1.28%           | 0.176%        |
| 8         | 2.915       | 166           | 169         | 171          | rBV2     | 2067           | 1998          | 1.51%           | 0.208%        |
| 9         | 3.815       | 320           | 322         | 324          | rBV2     | 1655           | 1710          | 1.29%           | 0.178%        |
| 10        | 4.132       | 373           | 376         | 377          | rBV      | 1924           | 1796          | 1.36%           | 0.187%        |
| 11        | 4.309       | 400           | 406         | 408          | rBV2     | 1722           | 2942          | 2.23%           | 0.307%        |
| 12        | 4.379       | 415           | 418         | 421          | rBV      | 1541           | 2645          | 2.00%           | 0.276%        |
| 13        | 5.050       | 528           | 532         | 535          | rVB2     | 1240           | 2054          | 1.55%           | 0.214%        |
| 14        | 5.226       | 559           | 562         | 563          | rVB2     | 2102           | 1726          | 1.31%           | 0.180%        |
| 15        | 6.491       | 775           | 777         | 781          | rVB2     | 1703           | 1689          | 1.28%           | 0.176%        |
| 16        | 6.656       | 803           | 805         | 807          | rBV      | 1513           | 1435          | 1.09%           | 0.150%        |
| 17        | 7.179       | 886           | 894         | 903          | rVB3     | 7771           | 22207         | 16.81%          | 2.316%        |
| 18        | 7.579       | 958           | 962         | 963          | rVB2     | 1633           | 1611          | 1.22%           | 0.168%        |
| 19        | 7.591       | 963           | 964         | 967          | rVB      | 2347           | 1549          | 1.17%           | 0.162%        |
| 20        | 7.626       | 967           | 970         | 973          | rBV2     | 1262           | 1865          | 1.41%           | 0.195%        |
| 21        | 7.679       | 976           | 979         | 981          | rBV2     | 1897           | 2044          | 1.55%           | 0.213%        |
| 22        | 7.779       | 994           | 996         | 999          | rVB2     | 2065           | 1908          | 1.44%           | 0.199%        |
| 23        | 7.909       | 1010          | 1018        | 1023         | rBV4     | 25232          | 56866         | 43.03%          | 5.931%        |
| 24        | 7.967       | 1023          | 1028        | 1038         | rVB2     | 34306          | 75444         | 57.09%          | 7.868%        |
| 25        | 8.326       | 1082          | 1089        | 1096         | rVB3     | 27508          | 63339         | 47.93%          | 6.606%        |
| 26        | 8.385       | 1096          | 1099        | 1102         | rBV2     | 1480           | 1665          | 1.26%           | 0.174%        |
| 27        | 8.450       | 1106          | 1110        | 1113         | rBV2     | 1020           | 1759          | 1.33%           | 0.183%        |
| 28        | 8.650       | 1142          | 1144        | 1147         | rVB2     | 1715           | 1623          | 1.23%           | 0.169%        |
| 29        | 8.861       | 1172          | 1180        | 1188         | rVB      | 49466          | 98515         | 74.55%          | 10.274%       |
| 30        | 9.079       | 1215          | 1217        | 1220         | rVB2     | 1373           | 1476          | 1.12%           | 0.154%        |
| 31        | 9.120       | 1223          | 1224        | 1228         | rVB      | 1461           | 1443          | 1.09%           | 0.150%        |
| 32        | 9.197       | 1232          | 1237        | 1238         | rBV2     | 1564           | 1998          | 1.51%           | 0.208%        |
| 33        | 9.355       | 1257          | 1264        | 1267         | rVB4     | 3272           | 6475          | 4.90%           | 0.675%        |
| 34        | 9.403       | 1267          | 1272        | 1274         | rVB3     | 1731           | 2269          | 1.72%           | 0.237%        |
| 35        | 9.561       | 1297          | 1299        | 1302         | rBV2     | 1261           | 1667          | 1.26%           | 0.174%        |
| 36        | 9.720       | 1322          | 1326        | 1328         | rVB2     | 1478           | 1612          | 1.22%           | 0.168%        |

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Integrator: RTE

Smoothing : ON

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Start Thrs: 0.2

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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\_D\Method\82D032922S.M  
 Title : SW846 8260

|    |        |      |      |      |      |       |        |         |         |
|----|--------|------|------|------|------|-------|--------|---------|---------|
| 37 | 9.779  | 1333 | 1336 | 1340 | rVB2 | 1035  | 1537   | 1.16%   | 0.160%  |
| 38 | 10.008 | 1373 | 1375 | 1380 | rVB  | 1603  | 2028   | 1.53%   | 0.212%  |
| 39 | 10.067 | 1382 | 1385 | 1386 | rBV2 | 1738  | 1923   | 1.46%   | 0.201%  |
| 40 | 10.185 | 1403 | 1405 | 1408 | rBV2 | 1397  | 1509   | 1.14%   | 0.157%  |
| 41 | 10.332 | 1420 | 1430 | 1441 | rBV  | 70317 | 132140 | 100.00% | 13.781% |
| 42 | 10.585 | 1471 | 1473 | 1475 | rBV2 | 1235  | 1564   | 1.18%   | 0.163%  |
| 43 | 10.867 | 1518 | 1521 | 1522 | rBV3 | 1625  | 1799   | 1.36%   | 0.188%  |
| 44 | 11.032 | 1544 | 1549 | 1550 | rBV3 | 1697  | 2316   | 1.75%   | 0.242%  |
| 45 | 11.226 | 1578 | 1582 | 1583 | rBV2 | 2171  | 1585   | 1.20%   | 0.165%  |
| 46 | 11.244 | 1583 | 1585 | 1588 | rVB3 | 2017  | 1670   | 1.26%   | 0.174%  |
| 47 | 11.361 | 1603 | 1605 | 1608 | rBV  | 1626  | 1934   | 1.46%   | 0.202%  |
| 48 | 11.461 | 1619 | 1622 | 1625 | rBV2 | 2237  | 2422   | 1.83%   | 0.253%  |
| 49 | 11.502 | 1627 | 1629 | 1634 | rVB2 | 1833  | 2471   | 1.87%   | 0.258%  |
| 50 | 11.544 | 1634 | 1636 | 1638 | rBV2 | 1214  | 1443   | 1.09%   | 0.150%  |
| 51 | 11.638 | 1645 | 1652 | 1658 | rBV  | 69639 | 125046 | 94.63%  | 13.041% |
| 52 | 11.738 | 1667 | 1669 | 1673 | rBV2 | 1131  | 1615   | 1.22%   | 0.168%  |
| 53 | 11.855 | 1686 | 1689 | 1691 | rBV3 | 1772  | 2070   | 1.57%   | 0.216%  |
| 54 | 11.885 | 1691 | 1694 | 1697 | rVB2 | 1623  | 2243   | 1.70%   | 0.234%  |
| 55 | 12.144 | 1735 | 1738 | 1739 | rVV2 | 2382  | 1720   | 1.30%   | 0.179%  |
| 56 | 12.161 | 1739 | 1741 | 1745 | rVB2 | 1816  | 1780   | 1.35%   | 0.186%  |
| 57 | 12.255 | 1756 | 1757 | 1761 | rVB2 | 3288  | 2573   | 1.95%   | 0.268%  |
| 58 | 12.332 | 1767 | 1770 | 1773 | rBV3 | 1819  | 2114   | 1.60%   | 0.220%  |
| 59 | 12.373 | 1776 | 1777 | 1780 | rBV2 | 1624  | 1706   | 1.29%   | 0.178%  |
| 60 | 12.620 | 1813 | 1819 | 1826 | rBV2 | 52517 | 90427  | 68.43%  | 9.431%  |
| 61 | 12.755 | 1839 | 1842 | 1843 | rBV2 | 1948  | 2227   | 1.69%   | 0.232%  |
| 62 | 12.785 | 1843 | 1847 | 1852 | rVV  | 2245  | 2756   | 2.09%   | 0.287%  |
| 63 | 12.932 | 1869 | 1872 | 1874 | rBV2 | 2422  | 2834   | 2.14%   | 0.296%  |
| 64 | 12.955 | 1874 | 1876 | 1882 | rVB2 | 2075  | 2299   | 1.74%   | 0.240%  |
| 65 | 12.996 | 1882 | 1883 | 1886 | rVB2 | 2181  | 1825   | 1.38%   | 0.190%  |
| 66 | 13.026 | 1886 | 1888 | 1891 | rBV2 | 1458  | 1944   | 1.47%   | 0.203%  |
| 67 | 13.079 | 1895 | 1897 | 1901 | rVB2 | 1565  | 1891   | 1.43%   | 0.197%  |
| 68 | 13.308 | 1934 | 1936 | 1937 | rBV  | 2449  | 1452   | 1.10%   | 0.151%  |
| 69 | 13.408 | 1950 | 1953 | 1954 | rBV3 | 3172  | 3664   | 2.77%   | 0.382%  |
| 70 | 13.561 | 1972 | 1979 | 1984 | rBV  | 73087 | 120144 | 90.92%  | 12.530% |
| 71 | 13.638 | 1991 | 1992 | 1995 | rBV2 | 2645  | 1938   | 1.47%   | 0.202%  |
| 72 | 13.726 | 2005 | 2007 | 2008 | rBV  | 1785  | 1416   | 1.07%   | 0.148%  |
| 73 | 13.755 | 2011 | 2012 | 2015 | rVV2 | 2373  | 1690   | 1.28%   | 0.176%  |
| 74 | 14.002 | 2051 | 2054 | 2055 | rBV  | 1858  | 1509   | 1.14%   | 0.157%  |
| 75 | 14.161 | 2078 | 2081 | 2085 | rVB3 | 1770  | 2562   | 1.94%   | 0.267%  |
| 76 | 14.202 | 2085 | 2088 | 2090 | rBV2 | 1714  | 2223   | 1.68%   | 0.232%  |

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Peak Location: TOP

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Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D032922S.M  
 Title : SW846 8260

|    |        |      |      |      |      |      |      |       |        |
|----|--------|------|------|------|------|------|------|-------|--------|
| 77 | 14.232 | 2092 | 2093 | 2095 | rBV2 | 1721 | 1426 | 1.08% | 0.149% |
| 78 | 14.267 | 2097 | 2099 | 2101 | rBV2 | 1866 | 1702 | 1.29% | 0.178% |
| 79 | 14.508 | 2139 | 2140 | 2142 | rBV  | 2966 | 2341 | 1.77% | 0.244% |
| 80 | 14.649 | 2162 | 2164 | 2166 | rBV3 | 1432 | 1583 | 1.20% | 0.165% |
|    |        |      |      |      |      |      |      |       |        |
| 81 | 14.879 | 2201 | 2203 | 2206 | rBV2 | 1879 | 1932 | 1.46% | 0.201% |
| 82 | 15.014 | 2224 | 2226 | 2228 | rBV2 | 2572 | 2008 | 1.52% | 0.209% |
| 83 | 15.332 | 2278 | 2280 | 2283 | rVB3 | 2967 | 1850 | 1.40% | 0.193% |
| 84 | 15.579 | 2320 | 2322 | 2326 | rVB3 | 2195 | 2440 | 1.85% | 0.254% |
| 85 | 15.685 | 2338 | 2340 | 2343 | rBV2 | 2878 | 1972 | 1.49% | 0.206% |
|    |        |      |      |      |      |      |      |       |        |
| 86 | 15.879 | 2370 | 2373 | 2376 | rBV2 | 2641 | 3253 | 2.46% | 0.339% |
| 87 | 16.008 | 2393 | 2395 | 2398 | rVB4 | 2152 | 1871 | 1.42% | 0.195% |
| 88 | 16.032 | 2398 | 2399 | 2401 | rBV2 | 2318 | 2011 | 1.52% | 0.210% |
| 89 | 16.090 | 2406 | 2409 | 2412 | rBV4 | 2103 | 3321 | 2.51% | 0.346% |
| 90 | 16.232 | 2429 | 2433 | 2434 | rBV3 | 3222 | 4459 | 3.37% | 0.465% |
|    |        |      |      |      |      |      |      |       |        |
| 91 | 16.573 | 2489 | 2491 | 2492 | rBV  | 2116 | 1429 | 1.08% | 0.149% |
| 92 | 16.679 | 2508 | 2509 | 2511 | rBV2 | 2110 | 1446 | 1.09% | 0.151% |
| 93 | 16.743 | 2518 | 2520 | 2521 | rBV2 | 2017 | 1619 | 1.23% | 0.169% |

Sum of corrected areas: 958854



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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D032922S.M  
Quant Title : SW846 8260

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

No Library Search Compounds Detected

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D032922S.M  
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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 |
|------------------|----|---------|-------|----------|---|----|------|------|
|------------------|----|---------|-------|----------|---|----|------|------|