

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080620\  
 Data File : VW016058.D  
 Acq On : 06 Aug 2020 21:03  
 Operator : SY/VA  
 Sample : L3564-15  
 Misc : 5.35G/10ML/MSVOA W/SOIL  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BFSN2

## Integration Parameters: LSCINT.P

Integrator: RTE  
 Smoothing : OFF  
 Sampling : 1  
 Start Thrs: 0.2  
 Stop Thrs : 0

Filtering: 5  
 Min Area: 0 % of largest Peak  
 Max Peaks: 100  
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM072020S.M  
 Title : VOC Analysis

Signal : TIC

| 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         | 2.355       | 67            | 74          | 84           | rBV      | 57857          | 113002        | 11.17%          | 1.477%        |
| 2         | 2.891       | 155           | 162         | 175          | rVB      | 42250          | 103355        | 10.22%          | 1.351%        |
| 3         | 4.007       | 334           | 345         | 364          | rBV      | 113346         | 347154        | 34.32%          | 4.538%        |
| 4         | 4.312       | 393           | 395         | 397          | rBV2     | 144            | 142           | 0.01%           | 0.002%        |
| 5         | 4.355       | 400           | 402         | 403          | rBV      | 241            | 246           | 0.02%           | 0.003%        |
| 6         | 4.434       | 413           | 415         | 417          | rBV      | 186            | 159           | 0.02%           | 0.002%        |
| 7         | 4.647       | 448           | 450         | 453          | rBV2     | 139            | 208           | 0.02%           | 0.003%        |
| 8         | 4.690       | 455           | 457         | 460          | rVV2     | 104            | 112           | 0.01%           | 0.001%        |
| 9         | 4.769       | 468           | 470         | 471          | rBV      | 149            | 142           | 0.01%           | 0.002%        |
| 10        | 4.909       | 484           | 493         | 506          | rBV3     | 13567          | 45268         | 4.47%           | 0.592%        |
| 11        | 5.196       | 536           | 540         | 545          | rVB2     | 173            | 342           | 0.03%           | 0.004%        |
| 12        | 5.245       | 547           | 548         | 551          | rBV      | 140            | 131           | 0.01%           | 0.002%        |
| 13        | 5.385       | 569           | 571         | 572          | rBV2     | 131            | 107           | 0.01%           | 0.001%        |
| 14        | 5.452       | 578           | 582         | 583          | rBV      | 201            | 185           | 0.02%           | 0.002%        |
| 15        | 5.501       | 589           | 590         | 593          | rBV2     | 136            | 147           | 0.01%           | 0.002%        |
| 16        | 5.604       | 606           | 607         | 610          | rVB      | 168            | 132           | 0.01%           | 0.002%        |
| 17        | 5.714       | 623           | 625         | 626          | rBV      | 202            | 115           | 0.01%           | 0.002%        |
| 18        | 5.934       | 652           | 661         | 671          | rBV3     | 3854           | 11504         | 1.14%           | 0.150%        |
| 19        | 6.129       | 691           | 693         | 696          | rVB      | 174            | 123           | 0.01%           | 0.002%        |
| 20        | 6.153       | 696           | 697         | 700          | rBV      | 171            | 141           | 0.01%           | 0.002%        |
| 21        | 6.342       | 726           | 728         | 730          | rBV      | 92             | 101           | 0.01%           | 0.001%        |
| 22        | 6.397       | 735           | 737         | 739          | rBV2     | 158            | 174           | 0.02%           | 0.002%        |
| 23        | 6.470       | 747           | 749         | 750          | rBV      | 105            | 95            | 0.01%           | 0.001%        |
| 24        | 6.574       | 764           | 766         | 767          | rBV      | 118            | 100           | 0.01%           | 0.001%        |
| 25        | 6.647       | 775           | 778         | 779          | rBV2     | 112            | 114           | 0.01%           | 0.001%        |
| 26        | 7.092       | 841           | 851         | 859          | rBV      | 22492          | 63599         | 6.29%           | 0.831%        |
| 27        | 7.647       | 932           | 942         | 961          | rBV      | 177805         | 436492        | 43.15%          | 5.706%        |
| 28        | 7.811       | 967           | 969         | 970          | rVB2     | 163            | 94            | 0.01%           | 0.001%        |
| 29        | 7.884       | 979           | 981         | 983          | rBV2     | 130            | 113           | 0.01%           | 0.001%        |
| 30        | 7.909       | 983           | 985         | 987          | rBV2     | 127            | 101           | 0.01%           | 0.001%        |
| 31        | 7.933       | 987           | 989         | 990          | rBV      | 375            | 303           | 0.03%           | 0.004%        |
| 32        | 8.140       | 1021          | 1023        | 1026         | rBV2     | 142            | 157           | 0.02%           | 0.002%        |
| 33        | 8.275       | 1035          | 1045        | 1063         | rBV2     | 349779         | 1011637       | 100.00%         | 13.224%       |
| 34        | 8.525       | 1083          | 1086        | 1088         | rVB2     | 118            | 148           | 0.01%           | 0.002%        |

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Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM072020S.M  
 Title : VOC Analysis

|    |        |      |      |      |      |        |        |        |         |
|----|--------|------|------|------|------|--------|--------|--------|---------|
| 35 | 8.628  | 1101 | 1103 | 1104 | rBV2 | 194    | 135    | 0.01%  | 0.002%  |
| 36 | 8.695  | 1109 | 1114 | 1117 | rVB3 | 587    | 1022   | 0.10%  | 0.013%  |
| 37 | 8.787  | 1128 | 1129 | 1130 | rBV  | 148    | 105    | 0.01%  | 0.001%  |
| 38 | 8.842  | 1130 | 1138 | 1151 | rBV  | 400550 | 791823 | 78.27% | 10.350% |
| 39 | 9.079  | 1172 | 1177 | 1184 | rVB2 | 2127   | 3982   | 0.39%  | 0.052%  |
| 40 | 9.274  | 1200 | 1209 | 1218 | rBV  | 229293 | 465043 | 45.97% | 6.079%  |
| 41 | 9.384  | 1225 | 1227 | 1228 | rVB2 | 283    | 180    | 0.02%  | 0.002%  |
| 42 | 9.396  | 1228 | 1229 | 1233 | rVB2 | 200    | 140    | 0.01%  | 0.002%  |
| 43 | 9.555  | 1251 | 1255 | 1256 | rBV2 | 92     | 97     | 0.01%  | 0.001%  |
| 44 | 9.585  | 1258 | 1260 | 1264 | rBV2 | 168    | 186    | 0.02%  | 0.002%  |
| 45 | 9.616  | 1264 | 1265 | 1268 | rBV2 | 133    | 129    | 0.01%  | 0.002%  |
| 46 | 9.665  | 1268 | 1273 | 1280 | rVB2 | 973    | 1910   | 0.19%  | 0.025%  |
| 47 | 9.719  | 1280 | 1282 | 1285 | rVB2 | 128    | 147    | 0.01%  | 0.002%  |
| 48 | 9.750  | 1285 | 1287 | 1288 | rBV  | 144    | 94     | 0.01%  | 0.001%  |
| 49 | 9.847  | 1301 | 1303 | 1307 | rVB2 | 175    | 187    | 0.02%  | 0.002%  |
| 50 | 9.933  | 1315 | 1317 | 1320 | rVB  | 134    | 147    | 0.01%  | 0.002%  |
| 51 | 9.957  | 1320 | 1321 | 1323 | rBV  | 154    | 112    | 0.01%  | 0.001%  |
| 52 | 10.036 | 1325 | 1334 | 1343 | rBV  | 117667 | 212083 | 20.96% | 2.772%  |
| 53 | 10.323 | 1373 | 1381 | 1390 | rBV  | 500719 | 895885 | 88.56% | 11.711% |
| 54 | 10.451 | 1400 | 1402 | 1407 | rVB3 | 218    | 255    | 0.03%  | 0.003%  |
| 55 | 10.579 | 1416 | 1423 | 1433 | rBV  | 76993  | 128352 | 12.69% | 1.678%  |
| 56 | 10.707 | 1439 | 1444 | 1455 | rBV2 | 2412   | 4614   | 0.46%  | 0.060%  |
| 57 | 10.866 | 1463 | 1470 | 1475 | rBV  | 20179  | 36112  | 3.57%  | 0.472%  |
| 58 | 10.927 | 1475 | 1480 | 1492 | rVB  | 91892  | 155817 | 15.40% | 2.037%  |
| 59 | 11.231 | 1528 | 1530 | 1532 | rBV2 | 135    | 108    | 0.01%  | 0.001%  |
| 60 | 11.268 | 1532 | 1536 | 1539 | rBV2 | 132    | 210    | 0.02%  | 0.003%  |
| 61 | 11.567 | 1583 | 1585 | 1587 | rBV2 | 159    | 187    | 0.02%  | 0.002%  |
| 62 | 11.634 | 1589 | 1596 | 1606 | rVV  | 556490 | 921562 | 91.10% | 12.046% |
| 63 | 11.841 | 1623 | 1630 | 1633 | rBV4 | 1179   | 2252   | 0.22%  | 0.029%  |
| 64 | 11.902 | 1637 | 1640 | 1645 | rVV3 | 225    | 341    | 0.03%  | 0.004%  |
| 65 | 11.975 | 1650 | 1652 | 1654 | rBV2 | 139    | 117    | 0.01%  | 0.002%  |
| 66 | 12.097 | 1670 | 1672 | 1675 | rVB2 | 130    | 130    | 0.01%  | 0.002%  |
| 67 | 12.121 | 1675 | 1676 | 1680 | rBV  | 96     | 90     | 0.01%  | 0.001%  |
| 68 | 12.176 | 1680 | 1685 | 1689 | rBV4 | 680    | 1302   | 0.13%  | 0.017%  |
| 69 | 12.243 | 1694 | 1696 | 1698 | rBV  | 273    | 301    | 0.03%  | 0.004%  |
| 70 | 12.377 | 1716 | 1718 | 1719 | rVV2 | 193    | 111    | 0.01%  | 0.001%  |
| 71 | 12.396 | 1719 | 1721 | 1722 | rVB2 | 170    | 108    | 0.01%  | 0.001%  |

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If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
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Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM072020S.M  
 Title : VOC Analysis

|     |        |      |      |      |      |        |        |        |         |
|-----|--------|------|------|------|------|--------|--------|--------|---------|
| 72  | 12.414 | 1722 | 1724 | 1728 | rVB2 | 274    | 284    | 0.03%  | 0.004%  |
| 73  | 12.457 | 1728 | 1731 | 1732 | rBV2 | 278    | 237    | 0.02%  | 0.003%  |
| 74  | 12.609 | 1750 | 1756 | 1762 | rVB  | 12775  | 21356  | 2.11%  | 0.279%  |
| 75  | 12.695 | 1763 | 1770 | 1779 | rVB  | 169386 | 274478 | 27.13% | 3.588%  |
| 76  | 12.890 | 1800 | 1802 | 1803 | rBV2 | 104    | 93     | 0.01%  | 0.001%  |
| 77  | 12.908 | 1803 | 1805 | 1806 | rVV  | 153    | 101    | 0.01%  | 0.001%  |
| 78  | 12.975 | 1807 | 1816 | 1821 | rVB3 | 3261   | 5558   | 0.55%  | 0.073%  |
| 79  | 13.127 | 1839 | 1841 | 1842 | rBV  | 164    | 122    | 0.01%  | 0.002%  |
| 80  | 13.201 | 1852 | 1853 | 1855 | rBV2 | 213    | 160    | 0.02%  | 0.002%  |
| 81  | 13.243 | 1859 | 1860 | 1866 | rVB2 | 452    | 724    | 0.07%  | 0.009%  |
| 82  | 13.298 | 1866 | 1869 | 1870 | rBV2 | 206    | 156    | 0.02%  | 0.002%  |
| 83  | 13.365 | 1879 | 1880 | 1882 | rBV2 | 233    | 206    | 0.02%  | 0.003%  |
| 84  | 13.475 | 1895 | 1898 | 1905 | rBV2 | 316    | 455    | 0.04%  | 0.006%  |
| 85  | 13.560 | 1905 | 1912 | 1923 | rBV  | 545000 | 842651 | 83.30% | 11.015% |
| 86  | 13.700 | 1933 | 1935 | 1937 | rVB  | 161    | 117    | 0.01%  | 0.002%  |
| 87  | 13.786 | 1948 | 1949 | 1951 | rBV  | 170    | 96     | 0.01%  | 0.001%  |
| 88  | 13.853 | 1953 | 1960 | 1970 | rVV  | 440677 | 722415 | 71.41% | 9.443%  |
| 89  | 13.999 | 1983 | 1984 | 1986 | rBV  | 319    | 173    | 0.02%  | 0.002%  |
| 90  | 14.072 | 1991 | 1996 | 2004 | rVB2 | 8078   | 13191  | 1.30%  | 0.172%  |
| 91  | 14.158 | 2009 | 2010 | 2012 | rBV  | 276    | 143    | 0.01%  | 0.002%  |
| 92  | 14.243 | 2022 | 2024 | 2026 | rBV  | 266    | 157    | 0.02%  | 0.002%  |
| 93  | 14.267 | 2026 | 2028 | 2030 | rBV2 | 198    | 178    | 0.02%  | 0.002%  |
| 94  | 14.523 | 2066 | 2070 | 2073 | rBV3 | 539    | 888    | 0.09%  | 0.012%  |
| 95  | 14.572 | 2076 | 2078 | 2080 | rVB  | 228    | 150    | 0.01%  | 0.002%  |
| 96  | 14.597 | 2080 | 2082 | 2084 | rBV2 | 197    | 174    | 0.02%  | 0.002%  |
| 97  | 14.725 | 2100 | 2103 | 2105 | rBV  | 509    | 584    | 0.06%  | 0.008%  |
| 98  | 14.749 | 2105 | 2107 | 2111 | rVB  | 399    | 400    | 0.04%  | 0.005%  |
| 99  | 14.847 | 2121 | 2123 | 2125 | rVB  | 323    | 210    | 0.02%  | 0.003%  |
| 100 | 15.493 | 2226 | 2229 | 2237 | rVB2 | 1902   | 3393   | 0.34%  | 0.044%  |

Sum of corrected areas: 7650169



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ALS Vial : 16 Sample Multiplier: 1

Instrument :  
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM072020S.M  
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected

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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_W\DATA\VW080620\  
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM072020S.M  
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TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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

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