

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032419\  
 Data File : VU030371.D  
 Acq On : 24 Mar 2019 15:26  
 Operator : JC/SP  
 Sample : K2016-05  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0982

## 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\_U\METHOD\SOMULM032319WMA.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         | 1.399       | 89            | 96          | 105          | rBV      | 222738         | 224186        | 13.61%          | 1.844%        |
| 2         | 1.675       | 177           | 182         | 200          | rVB      | 172910         | 230712        | 14.01%          | 1.897%        |
| 3         | 2.270       | 358           | 367         | 378          | rBV      | 345227         | 514511        | 31.23%          | 4.231%        |
| 4         | 2.730       | 507           | 510         | 513          | rBV      | 1369           | 1089          | 0.07%           | 0.009%        |
| 5         | 2.788       | 522           | 528         | 529          | rBV      | 2443           | 1992          | 0.12%           | 0.016%        |
| 6         | 2.942       | 573           | 576         | 578          | rBV2     | 972            | 575           | 0.03%           | 0.005%        |
| 7         | 3.688       | 803           | 808         | 811          | rBV2     | 1938           | 2098          | 0.13%           | 0.017%        |
| 8         | 3.723       | 816           | 819         | 824          | rBV      | 1065           | 977           | 0.06%           | 0.008%        |
| 9         | 3.842       | 853           | 856         | 860          | rBV      | 985            | 785           | 0.05%           | 0.006%        |
| 10        | 3.868       | 861           | 864         | 873          | rVB      | 1979           | 2031          | 0.12%           | 0.017%        |
| 11        | 3.907       | 873           | 876         | 881          | rBV      | 1684           | 1581          | 0.10%           | 0.013%        |
| 12        | 3.990       | 897           | 902         | 906          | rBV2     | 2091           | 2141          | 0.13%           | 0.018%        |
| 13        | 4.013       | 906           | 909         | 914          | rVB      | 1523           | 1264          | 0.08%           | 0.010%        |
| 14        | 4.048       | 914           | 920         | 922          | rBV      | 1769           | 1430          | 0.09%           | 0.012%        |
| 15        | 4.087       | 929           | 932         | 935          | rBV      | 1516           | 1042          | 0.06%           | 0.009%        |
| 16        | 4.177       | 947           | 960         | 985          | rBV2     | 181904         | 529808        | 32.16%          | 4.357%        |
| 17        | 4.646       | 1091          | 1106        | 1128         | rBV      | 259749         | 607144        | 36.86%          | 4.993%        |
| 18        | 4.955       | 1199          | 1202        | 1205         | rVB      | 1186           | 539           | 0.03%           | 0.004%        |
| 19        | 4.977       | 1205          | 1209        | 1210         | rBV      | 1182           | 813           | 0.05%           | 0.007%        |
| 20        | 5.000       | 1214          | 1216        | 1220         | rVV      | 1043           | 669           | 0.04%           | 0.006%        |
| 21        | 5.337       | 1297          | 1321        | 1351         | rBV2     | 549149         | 1647322       | 100.00%         | 13.547%       |
| 22        | 5.884       | 1478          | 1491        | 1529         | rBV      | 464800         | 951382        | 57.75%          | 7.824%        |
| 23        | 6.234       | 1597          | 1600        | 1603         | rBV      | 1166           | 823           | 0.05%           | 0.007%        |
| 24        | 6.328       | 1616          | 1629        | 1654         | rBV      | 366303         | 743435        | 45.13%          | 6.114%        |
| 25        | 6.534       | 1690          | 1693        | 1696         | rBV      | 1507           | 884           | 0.05%           | 0.007%        |
| 26        | 6.669       | 1732          | 1735        | 1737         | rBV      | 1324           | 889           | 0.05%           | 0.007%        |
| 27        | 6.697       | 1741          | 1744        | 1746         | rBV2     | 1022           | 684           | 0.04%           | 0.006%        |
| 28        | 6.752       | 1759          | 1761        | 1762         | rBV      | 467            | 201           | 0.01%           | 0.002%        |
| 29        | 6.765       | 1762          | 1765        | 1766         | rBV      | 1417           | 751           | 0.05%           | 0.006%        |
| 30        | 6.813       | 1776          | 1780        | 1787         | rBV      | 2022           | 2511          | 0.15%           | 0.021%        |
| 31        | 6.842       | 1787          | 1789        | 1790         | rBV      | 679            | 309           | 0.02%           | 0.003%        |
| 32        | 6.984       | 1829          | 1833        | 1834         | rBV      | 924            | 645           | 0.04%           | 0.005%        |
| 33        | 7.042       | 1849          | 1851        | 1854         | rBV      | 1127           | 617           | 0.04%           | 0.005%        |
| 34        | 7.225       | 1896          | 1908        | 1935         | rBV      | 182094         | 342247        | 20.78%          | 2.814%        |

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 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\_U\METHOD\SOMULM032319WMA.M  
 Title : VOC Analysis

|    |        |      |      |      |      |        |         |        |         |
|----|--------|------|------|------|------|--------|---------|--------|---------|
| 35 | 7.469  | 1980 | 1984 | 1994 | rBV  | 2412   | 3501    | 0.21%  | 0.029%  |
| 36 | 7.562  | 2000 | 2013 | 2044 | rBV  | 674585 | 1243806 | 75.50% | 10.228% |
| 37 | 7.845  | 2092 | 2101 | 2120 | rBV  | 123542 | 217601  | 13.21% | 1.789%  |
| 38 | 8.074  | 2167 | 2172 | 2175 | rBV  | 1357   | 1287    | 0.08%  | 0.011%  |
| 39 | 8.231  | 2216 | 2221 | 2224 | rBV2 | 1788   | 1862    | 0.11%  | 0.015%  |
| 40 | 8.308  | 2235 | 2245 | 2279 | rBV  | 523017 | 973071  | 59.07% | 8.002%  |
| 41 | 8.797  | 2393 | 2397 | 2402 | rBV  | 1670   | 1751    | 0.11%  | 0.014%  |
| 42 | 8.910  | 2429 | 2432 | 2435 | rBV  | 1402   | 1042    | 0.06%  | 0.009%  |
| 43 | 9.029  | 2466 | 2469 | 2474 | rBV  | 1644   | 2041    | 0.12%  | 0.017%  |
| 44 | 9.086  | 2475 | 2487 | 2513 | rVV  | 666952 | 1152312 | 69.95% | 9.476%  |
| 45 | 9.292  | 2548 | 2551 | 2553 | rBV  | 1467   | 945     | 0.06%  | 0.008%  |
| 46 | 9.424  | 2586 | 2592 | 2595 | rBV  | 1924   | 2108    | 0.13%  | 0.017%  |
| 47 | 9.485  | 2608 | 2611 | 2614 | rBV  | 1429   | 1185    | 0.07%  | 0.010%  |
| 48 | 9.543  | 2625 | 2629 | 2633 | rVB  | 1895   | 1524    | 0.09%  | 0.013%  |
| 49 | 9.562  | 2633 | 2635 | 2637 | rBV  | 464    | 268     | 0.02%  | 0.002%  |
| 50 | 9.620  | 2651 | 2653 | 2656 | rBV  | 1224   | 830     | 0.05%  | 0.007%  |
| 51 | 9.717  | 2680 | 2683 | 2685 | rBV  | 1531   | 1092    | 0.07%  | 0.009%  |
| 52 | 9.861  | 2724 | 2728 | 2729 | rBV  | 866    | 645     | 0.04%  | 0.005%  |
| 53 | 9.890  | 2734 | 2737 | 2738 | rBV  | 1505   | 959     | 0.06%  | 0.008%  |
| 54 | 9.919  | 2744 | 2746 | 2749 | rBV  | 565    | 405     | 0.02%  | 0.003%  |
| 55 | 9.951  | 2750 | 2756 | 2758 | rVV  | 1251   | 1345    | 0.08%  | 0.011%  |
| 56 | 9.977  | 2762 | 2764 | 2767 | rVB  | 755    | 389     | 0.02%  | 0.003%  |
| 57 | 10.093 | 2797 | 2800 | 2803 | rBV2 | 947    | 744     | 0.05%  | 0.006%  |
| 58 | 10.212 | 2832 | 2837 | 2840 | rVB  | 1243   | 1018    | 0.06%  | 0.008%  |
| 59 | 10.234 | 2841 | 2844 | 2846 | rBV  | 679    | 460     | 0.03%  | 0.004%  |
| 60 | 10.283 | 2856 | 2859 | 2860 | rBV  | 888    | 591     | 0.04%  | 0.005%  |
| 61 | 10.427 | 2892 | 2904 | 2924 | rBV  | 481186 | 792210  | 48.09% | 6.515%  |
| 62 | 10.604 | 2954 | 2959 | 2962 | rBV2 | 2880   | 2702    | 0.16%  | 0.022%  |
| 63 | 10.633 | 2965 | 2968 | 2972 | rBV  | 1336   | 1042    | 0.06%  | 0.009%  |
| 64 | 10.713 | 2991 | 2993 | 2995 | rBV  | 816    | 384     | 0.02%  | 0.003%  |
| 65 | 10.967 | 3065 | 3072 | 3075 | rBV  | 1506   | 1588    | 0.10%  | 0.013%  |
| 66 | 11.109 | 3113 | 3116 | 3121 | rBV  | 1378   | 1154    | 0.07%  | 0.009%  |
| 67 | 11.238 | 3153 | 3156 | 3159 | rBV  | 808    | 567     | 0.03%  | 0.005%  |
| 68 | 11.263 | 3159 | 3164 | 3166 | rBV  | 859    | 796     | 0.05%  | 0.007%  |
| 69 | 11.283 | 3166 | 3170 | 3176 | rBV2 | 1635   | 2184    | 0.13%  | 0.018%  |
| 70 | 11.482 | 3220 | 3232 | 3251 | rBV  | 570012 | 924734  | 56.14% | 7.605%  |
| 71 | 11.858 | 3336 | 3349 | 3369 | rBV  | 599093 | 997702  | 60.57% | 8.205%  |

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Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM032319WMA.M  
Title : VOC Analysis

|    |        |      |      |      |     |      |      |       |        |
|----|--------|------|------|------|-----|------|------|-------|--------|
| 72 | 12.649 | 3592 | 3595 | 3599 | rBV | 1215 | 1048 | 0.06% | 0.009% |
| 73 | 12.887 | 3666 | 3669 | 3674 | rVB | 1724 | 1365 | 0.08% | 0.011% |
| 74 | 13.057 | 3719 | 3722 | 3727 | rVB | 1528 | 1202 | 0.07% | 0.010% |
| 75 | 13.202 | 3764 | 3767 | 3769 | rBV | 1268 | 800  | 0.05% | 0.007% |

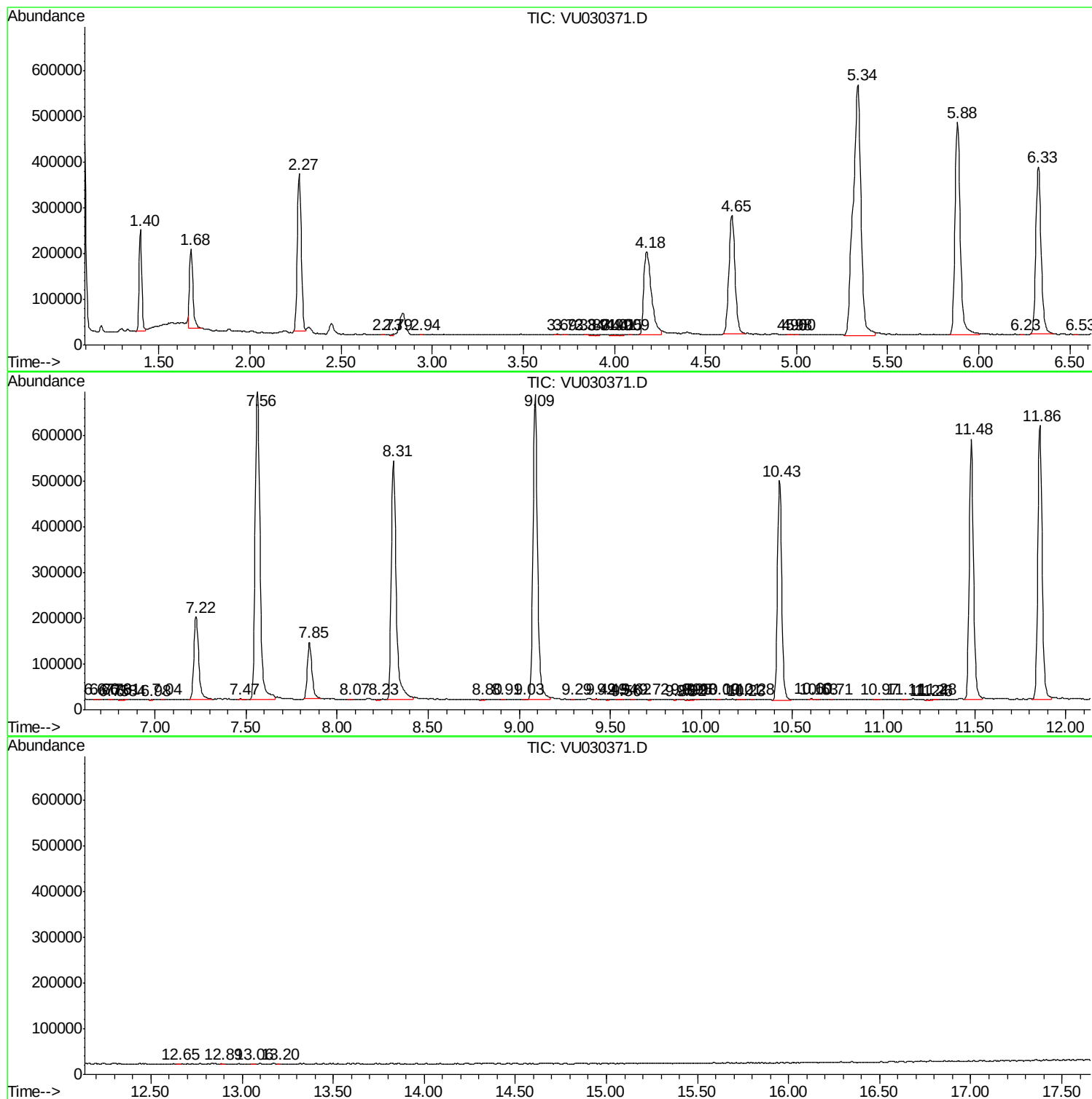
Sum of corrected areas: 12160347

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM032319WMA.M  
Quant Title : VOC Analysis

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



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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM032319WMA.M  
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TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected

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