

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031119\  
 Data File : VU029904.D  
 Acq On : 08 Mar 2019 21:39  
 Operator : JC/SP  
 Sample : K1796-09  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BF5Q1

## 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\SOMULM021519WMA.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         | 1.183       | 24            | 29          | 34           | rBV3     | 7594           | 6958          | 0.45%           | 0.055%        |
| 2         | 1.396       | 88            | 95          | 108          | rBV      | 188065         | 191411        | 12.40%          | 1.515%        |
| 3         | 1.679       | 175           | 183         | 197          | rVB      | 155197         | 194073        | 12.57%          | 1.536%        |
| 4         | 2.270       | 356           | 367         | 379          | rVB      | 328000         | 494148        | 32.01%          | 3.912%        |
| 5         | 2.473       | 425           | 430         | 438          | rVB2     | 1452           | 1903          | 0.12%           | 0.015%        |
| 6         | 2.566       | 456           | 459         | 460          | rBV2     | 684            | 394           | 0.03%           | 0.003%        |
| 7         | 2.698       | 492           | 500         | 510          | rVB5     | 3201           | 6128          | 0.40%           | 0.049%        |
| 8         | 2.788       | 524           | 528         | 533          | rBV3     | 473            | 491           | 0.03%           | 0.004%        |
| 9         | 2.836       | 533           | 543         | 552          | rVV6     | 2007           | 3719          | 0.24%           | 0.029%        |
| 10        | 2.904       | 559           | 564         | 568          | rVB3     | 581            | 705           | 0.05%           | 0.006%        |
| 11        | 2.936       | 568           | 574         | 576          | rBV2     | 409            | 446           | 0.03%           | 0.004%        |
| 12        | 3.129       | 631           | 634         | 638          | rVV2     | 522            | 499           | 0.03%           | 0.004%        |
| 13        | 3.289       | 681           | 684         | 688          | rBV2     | 499            | 495           | 0.03%           | 0.004%        |
| 14        | 3.360       | 703           | 706         | 710          | rVB2     | 521            | 359           | 0.02%           | 0.003%        |
| 15        | 3.514       | 749           | 754         | 759          | rBV2     | 462            | 510           | 0.03%           | 0.004%        |
| 16        | 3.540       | 759           | 762         | 764          | rVV2     | 593            | 388           | 0.03%           | 0.003%        |
| 17        | 3.604       | 779           | 782         | 788          | rBV3     | 525            | 485           | 0.03%           | 0.004%        |
| 18        | 3.743       | 822           | 825         | 828          | rVV3     | 550            | 410           | 0.03%           | 0.003%        |
| 19        | 3.842       | 853           | 856         | 861          | rVB2     | 645            | 622           | 0.04%           | 0.005%        |
| 20        | 3.875       | 861           | 866         | 872          | rVB2     | 532            | 544           | 0.04%           | 0.004%        |
| 21        | 3.904       | 872           | 875         | 879          | rBV2     | 540            | 456           | 0.03%           | 0.004%        |
| 22        | 3.952       | 884           | 890         | 893          | rBV2     | 342            | 398           | 0.03%           | 0.003%        |
| 23        | 3.990       | 898           | 902         | 906          | rBV2     | 584            | 503           | 0.03%           | 0.004%        |
| 24        | 4.013       | 906           | 909         | 912          | rBV3     | 570            | 540           | 0.03%           | 0.004%        |
| 25        | 4.174       | 947           | 959         | 1003         | rBV      | 152015         | 410524        | 26.60%          | 3.250%        |
| 26        | 4.437       | 1037          | 1041        | 1044         | rBV4     | 555            | 509           | 0.03%           | 0.004%        |
| 27        | 4.479       | 1050          | 1054        | 1058         | rBV4     | 785            | 826           | 0.05%           | 0.007%        |
| 28        | 4.646       | 1088          | 1106        | 1131         | rBV      | 253179         | 612447        | 39.68%          | 4.848%        |
| 29        | 4.804       | 1151          | 1155        | 1156         | rBV2     | 675            | 482           | 0.03%           | 0.004%        |
| 30        | 4.868       | 1169          | 1175        | 1177         | rBV2     | 764            | 807           | 0.05%           | 0.006%        |
| 31        | 4.958       | 1196          | 1203        | 1207         | rBV3     | 604            | 622           | 0.04%           | 0.005%        |
| 32        | 4.990       | 1207          | 1213        | 1217         | rBV3     | 524            | 585           | 0.04%           | 0.005%        |
| 33        | 5.064       | 1232          | 1236        | 1242         | rVB2     | 412            | 373           | 0.02%           | 0.003%        |
| 34        | 5.338       | 1297          | 1321        | 1344         | rBV2     | 524007         | 1543574       | 100.00%         | 12.219%       |

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Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM021519WMA.M  
 Title : VOC Analysis

|    |       |      |      |      |      |        |         |        |        |
|----|-------|------|------|------|------|--------|---------|--------|--------|
| 35 | 5.633 | 1410 | 1413 | 1417 | rBV  | 614    | 396     | 0.03%  | 0.003% |
| 36 | 5.743 | 1442 | 1447 | 1453 | rBV4 | 644    | 701     | 0.05%  | 0.006% |
| 37 | 5.804 | 1461 | 1466 | 1469 | rBV2 | 834    | 757     | 0.05%  | 0.006% |
| 38 | 5.826 | 1469 | 1473 | 1476 | rVB2 | 467    | 374     | 0.02%  | 0.003% |
| 39 | 5.884 | 1476 | 1491 | 1518 | rBV  | 498751 | 994496  | 64.43% | 7.873% |
| 40 | 6.061 | 1543 | 1546 | 1550 | rVB2 | 483    | 390     | 0.03%  | 0.003% |
| 41 | 6.093 | 1553 | 1556 | 1564 | rVB4 | 643    | 585     | 0.04%  | 0.005% |
| 42 | 6.186 | 1573 | 1585 | 1599 | rBV2 | 23637  | 47157   | 3.06%  | 0.373% |
| 43 | 6.328 | 1615 | 1629 | 1655 | rBV  | 342128 | 694673  | 45.00% | 5.499% |
| 44 | 6.540 | 1690 | 1695 | 1698 | rBV2 | 1026   | 1065    | 0.07%  | 0.008% |
| 45 | 6.604 | 1712 | 1715 | 1721 | rVB3 | 650    | 591     | 0.04%  | 0.005% |
| 46 | 6.704 | 1741 | 1746 | 1748 | rBV3 | 388    | 351     | 0.02%  | 0.003% |
| 47 | 6.829 | 1779 | 1785 | 1788 | rBV  | 640    | 581     | 0.04%  | 0.005% |
| 48 | 6.903 | 1801 | 1808 | 1813 | rBV2 | 821    | 1000    | 0.06%  | 0.008% |
| 49 | 7.035 | 1845 | 1849 | 1851 | rBV  | 473    | 377     | 0.02%  | 0.003% |
| 50 | 7.225 | 1896 | 1908 | 1927 | rBV  | 186838 | 340064  | 22.03% | 2.692% |
| 51 | 7.469 | 1979 | 1984 | 1991 | rVB2 | 946    | 983     | 0.06%  | 0.008% |
| 52 | 7.563 | 1999 | 2013 | 2032 | rBV  | 725315 | 1257695 | 81.48% | 9.956% |
| 53 | 7.849 | 2090 | 2102 | 2127 | rBV  | 129380 | 229659  | 14.88% | 1.818% |
| 54 | 8.000 | 2146 | 2149 | 2153 | rVB3 | 819    | 535     | 0.03%  | 0.004% |
| 55 | 8.180 | 2194 | 2205 | 2214 | rVB3 | 2911   | 5893    | 0.38%  | 0.047% |
| 56 | 8.225 | 2214 | 2219 | 2228 | rBV5 | 2358   | 2990    | 0.19%  | 0.024% |
| 57 | 8.308 | 2234 | 2245 | 2281 | rBV  | 530591 | 954190  | 61.82% | 7.554% |
| 58 | 8.472 | 2290 | 2296 | 2310 | rVB8 | 7261   | 14593   | 0.95%  | 0.116% |
| 59 | 8.627 | 2342 | 2344 | 2349 | rVB  | 484    | 366     | 0.02%  | 0.003% |
| 60 | 8.675 | 2356 | 2359 | 2362 | rBV2 | 489    | 384     | 0.02%  | 0.003% |
| 61 | 8.791 | 2386 | 2395 | 2398 | rBV2 | 423    | 628     | 0.04%  | 0.005% |
| 62 | 9.019 | 2461 | 2466 | 2470 | rVB2 | 403    | 375     | 0.02%  | 0.003% |
| 63 | 9.087 | 2470 | 2487 | 2512 | rBV  | 749333 | 1243566 | 80.56% | 9.844% |
| 64 | 9.257 | 2537 | 2540 | 2549 | rVB7 | 1402   | 1381    | 0.09%  | 0.011% |
| 65 | 9.312 | 2553 | 2557 | 2564 | rBV4 | 789    | 911     | 0.06%  | 0.007% |
| 66 | 9.431 | 2589 | 2594 | 2597 | rBV3 | 359    | 374     | 0.02%  | 0.003% |
| 67 | 9.534 | 2621 | 2626 | 2627 | rBV  | 411    | 363     | 0.02%  | 0.003% |
| 68 | 9.752 | 2690 | 2694 | 2698 | rBV  | 536    | 478     | 0.03%  | 0.004% |
| 69 | 9.781 | 2698 | 2703 | 2711 | rBV5 | 906    | 1405    | 0.09%  | 0.011% |
| 70 | 9.887 | 2732 | 2736 | 2741 | rVB3 | 372    | 430     | 0.03%  | 0.003% |
| 71 | 9.964 | 2757 | 2760 | 2766 | rVB  | 466    | 394     | 0.03%  | 0.003% |

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 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
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Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM021519WMA.M  
 Title : VOC Analysis

|     |        |      |      |      |      |        |         |        |        |
|-----|--------|------|------|------|------|--------|---------|--------|--------|
| 72  | 10.000 | 2766 | 2771 | 2777 | rVB4 | 703    | 859     | 0.06%  | 0.007% |
| 73  | 10.042 | 2777 | 2784 | 2788 | rBV5 | 1566   | 2000    | 0.13%  | 0.016% |
| 74  | 10.074 | 2792 | 2794 | 2799 | rVB2 | 778    | 594     | 0.04%  | 0.005% |
| 75  | 10.170 | 2818 | 2824 | 2830 | rVB3 | 897    | 1040    | 0.07%  | 0.008% |
| 76  | 10.215 | 2830 | 2838 | 2840 | rBV3 | 336    | 419     | 0.03%  | 0.003% |
| 77  | 10.273 | 2852 | 2856 | 2859 | rBV2 | 499    | 477     | 0.03%  | 0.004% |
| 78  | 10.427 | 2891 | 2904 | 2929 | rBV  | 564620 | 907537  | 58.79% | 7.184% |
| 79  | 10.607 | 2950 | 2960 | 2969 | rBV6 | 2893   | 4928    | 0.32%  | 0.039% |
| 80  | 10.675 | 2978 | 2981 | 2988 | rBV3 | 308    | 392     | 0.03%  | 0.003% |
| 81  | 11.086 | 3105 | 3109 | 3113 | rVB3 | 774    | 750     | 0.05%  | 0.006% |
| 82  | 11.112 | 3113 | 3117 | 3121 | rBV2 | 643    | 515     | 0.03%  | 0.004% |
| 83  | 11.135 | 3121 | 3124 | 3126 | rBV2 | 474    | 368     | 0.02%  | 0.003% |
| 84  | 11.267 | 3162 | 3165 | 3169 | rBV2 | 474    | 363     | 0.02%  | 0.003% |
| 85  | 11.302 | 3173 | 3176 | 3182 | rVV  | 393    | 357     | 0.02%  | 0.003% |
| 86  | 11.482 | 3219 | 3232 | 3257 | rBV  | 739809 | 1185394 | 76.80% | 9.384% |
| 87  | 11.665 | 3286 | 3289 | 3292 | rBV3 | 551    | 411     | 0.03%  | 0.003% |
| 88  | 11.746 | 3311 | 3314 | 3315 | rBV2 | 671    | 353     | 0.02%  | 0.003% |
| 89  | 11.771 | 3316 | 3322 | 3326 | rVV7 | 1348   | 1853    | 0.12%  | 0.015% |
| 90  | 11.858 | 3336 | 3349 | 3379 | rBV  | 749524 | 1238109 | 80.21% | 9.801% |
| 91  | 12.289 | 3481 | 3483 | 3489 | rVB2 | 595    | 400     | 0.03%  | 0.003% |
| 92  | 12.472 | 3536 | 3540 | 3548 | rVB3 | 1312   | 1912    | 0.12%  | 0.015% |
| 93  | 12.572 | 3567 | 3571 | 3574 | rBV2 | 576    | 473     | 0.03%  | 0.004% |
| 94  | 12.633 | 3586 | 3590 | 3593 | rVV2 | 508    | 391     | 0.03%  | 0.003% |
| 95  | 12.852 | 3653 | 3658 | 3661 | rBV2 | 718    | 803     | 0.05%  | 0.006% |
| 96  | 12.890 | 3667 | 3670 | 3672 | rBV2 | 458    | 358     | 0.02%  | 0.003% |
| 97  | 12.945 | 3682 | 3687 | 3689 | rBV2 | 701    | 635     | 0.04%  | 0.005% |
| 98  | 14.668 | 4220 | 4223 | 4225 | rBV2 | 597    | 412     | 0.03%  | 0.003% |
| 99  | 15.250 | 4402 | 4404 | 4408 | rBV2 | 800    | 575     | 0.04%  | 0.005% |
| 100 | 15.614 | 4514 | 4517 | 4523 | rBV5 | 1111   | 1002    | 0.06%  | 0.008% |

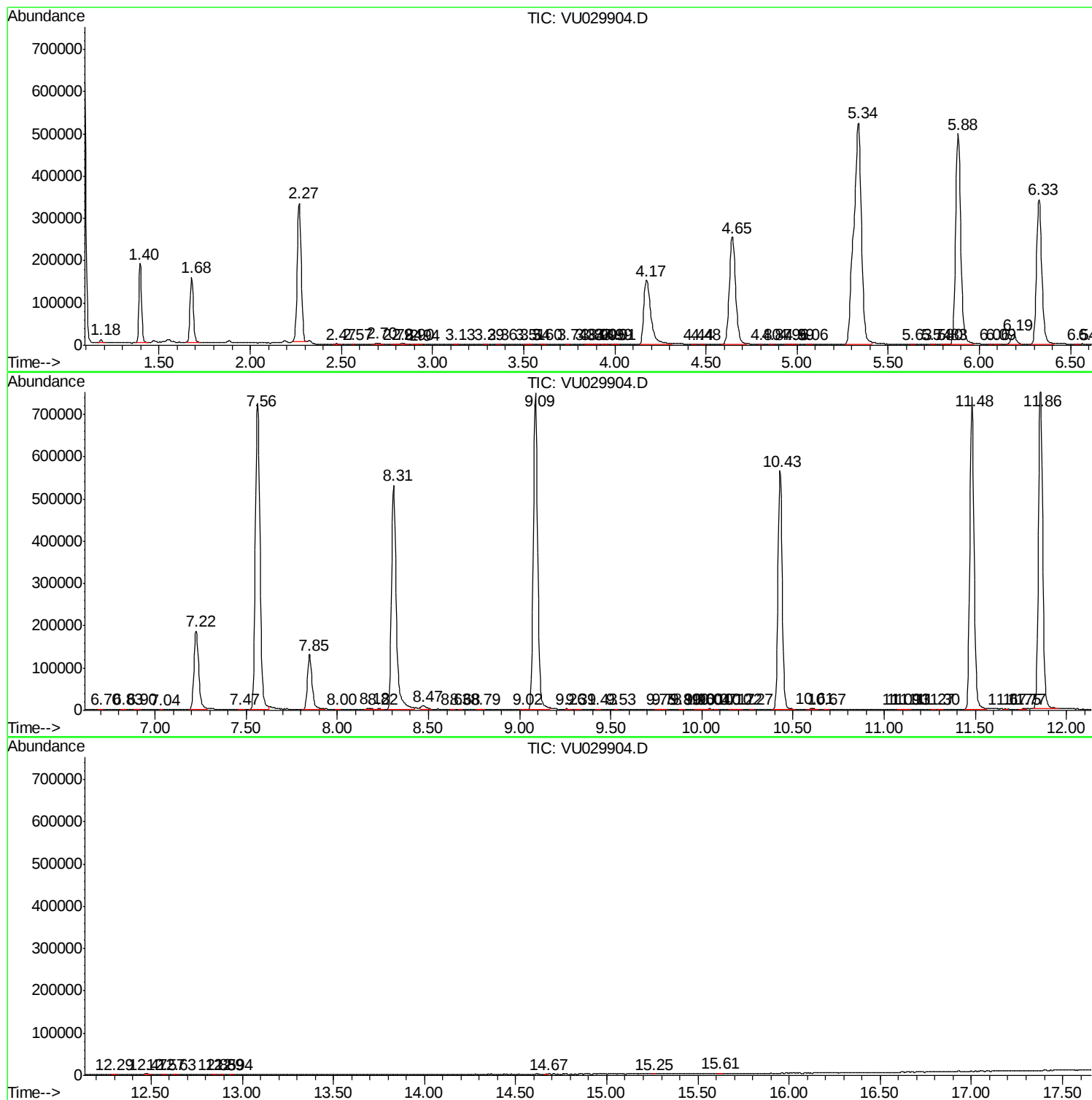
Sum of corrected areas: 12632165

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM021519WMA.M  
Quant Title : VOC Analysis

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_U\DATA\VU031119\  
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TIC Library : C:\DATABASE\NIST11.L  
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No Library Search Compounds Detected

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