

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031119\  
 Data File : VU029927.D  
 Acq On : 09 Mar 2019 18:02  
 Operator : JC/SP  
 Sample : K1789-21  
 Misc : 5.70g/5mL/100uL/5.0mL/MSVOA\_U/MEOH  
 ALS Vial : 47 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BF0Q4

## 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\SOMULM031119WMA.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         | 1.174       | 22            | 26          | 34           | rBV2     | 9249           | 9891          | 0.59%           | 0.069%        |
| 2         | 1.322       | 66            | 72          | 84           | rVB      | 76384          | 83499         | 4.96%           | 0.580%        |
| 3         | 1.392       | 87            | 94          | 109          | rBV      | 188818         | 231585        | 13.75%          | 1.608%        |
| 4         | 1.640       | 167           | 171         | 178          | rVB      | 86226          | 85507         | 5.08%           | 0.594%        |
| 5         | 2.228       | 343           | 354         | 370          | rVB      | 371818         | 558890        | 33.18%          | 3.880%        |
| 6         | 2.344       | 383           | 390         | 410          | rVB      | 10508          | 21442         | 1.27%           | 0.149%        |
| 7         | 2.431       | 410           | 417         | 425          | rBV3     | 1245           | 2086          | 0.12%           | 0.014%        |
| 8         | 2.521       | 442           | 445         | 450          | rVB3     | 529            | 418           | 0.02%           | 0.003%        |
| 9         | 2.547       | 450           | 453         | 455          | rBV      | 613            | 393           | 0.02%           | 0.003%        |
| 10        | 2.588       | 464           | 466         | 470          | rVB3     | 586            | 407           | 0.02%           | 0.003%        |
| 11        | 2.643       | 478           | 483         | 486          | rBV3     | 754            | 785           | 0.05%           | 0.005%        |
| 12        | 2.685       | 486           | 496         | 511          | rVV7     | 4395           | 9616          | 0.57%           | 0.067%        |
| 13        | 2.743       | 511           | 514         | 520          | rVB3     | 643            | 682           | 0.04%           | 0.005%        |
| 14        | 2.830       | 526           | 541         | 561          | rBV      | 13673          | 33835         | 2.01%           | 0.235%        |
| 15        | 2.929       | 566           | 572         | 576          | rBV4     | 809            | 829           | 0.05%           | 0.006%        |
| 16        | 3.010       | 592           | 597         | 600          | rBV2     | 841            | 782           | 0.05%           | 0.005%        |
| 17        | 3.045       | 600           | 608         | 612          | rVB3     | 625            | 872           | 0.05%           | 0.006%        |
| 18        | 3.232       | 661           | 666         | 669          | rBV2     | 637            | 642           | 0.04%           | 0.004%        |
| 19        | 3.277       | 678           | 680         | 684          | rVB4     | 650            | 423           | 0.03%           | 0.003%        |
| 20        | 3.617       | 780           | 786         | 789          | rBV2     | 611            | 658           | 0.04%           | 0.005%        |
| 21        | 3.714       | 810           | 816         | 821          | rVB3     | 673            | 935           | 0.06%           | 0.006%        |
| 22        | 3.772       | 829           | 834         | 836          | rBV2     | 422            | 402           | 0.02%           | 0.003%        |
| 23        | 3.933       | 879           | 884         | 891          | rVB2     | 540            | 533           | 0.03%           | 0.004%        |
| 24        | 4.193       | 951           | 965         | 1009         | rBV2     | 102899         | 371023        | 22.02%          | 2.576%        |
| 25        | 4.444       | 1041          | 1043        | 1047         | rVB      | 736            | 510           | 0.03%           | 0.004%        |
| 26        | 4.643       | 1084          | 1105        | 1138         | rBV      | 236276         | 603333        | 35.81%          | 4.188%        |
| 27        | 4.910       | 1185          | 1188        | 1193         | rVB2     | 720            | 477           | 0.03%           | 0.003%        |
| 28        | 4.952       | 1193          | 1201        | 1204         | rBV4     | 894            | 1275          | 0.08%           | 0.009%        |
| 29        | 4.968       | 1204          | 1206        | 1208         | rVV2     | 590            | 398           | 0.02%           | 0.003%        |
| 30        | 4.981       | 1208          | 1210        | 1213         | rVB2     | 933            | 551           | 0.03%           | 0.004%        |
| 31        | 5.125       | 1249          | 1255        | 1261         | rBV3     | 892            | 1336          | 0.08%           | 0.009%        |
| 32        | 5.154       | 1261          | 1264        | 1270         | rVB3     | 606            | 437           | 0.03%           | 0.003%        |
| 33        | 5.193       | 1272          | 1276        | 1282         | rBV3     | 486            | 432           | 0.03%           | 0.003%        |
| 34        | 5.231       | 1282          | 1288        | 1292         | rBV2     | 512            | 494           | 0.03%           | 0.003%        |

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Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM031119WMA.M  
 Title : VOC Analysis

|    |       |      |      |      |      |        |         |        |         |
|----|-------|------|------|------|------|--------|---------|--------|---------|
| 35 | 5.328 | 1295 | 1318 | 1349 | rBV2 | 559807 | 1569691 | 93.18% | 10.896% |
| 36 | 5.624 | 1398 | 1410 | 1413 | rBV7 | 2261   | 4731    | 0.28%  | 0.033%  |
| 37 | 5.746 | 1443 | 1448 | 1449 | rBV7 | 744    | 514     | 0.03%  | 0.004%  |
| 38 | 5.878 | 1475 | 1489 | 1524 | rVV  | 582798 | 1229982 | 73.01% | 8.538%  |
| 39 | 6.026 | 1533 | 1535 | 1540 | rVB2 | 949    | 686     | 0.04%  | 0.005%  |
| 40 | 6.180 | 1571 | 1583 | 1595 | rBV2 | 3180   | 6251    | 0.37%  | 0.043%  |
| 41 | 6.251 | 1595 | 1605 | 1608 | rBV4 | 2987   | 4261    | 0.25%  | 0.030%  |
| 42 | 6.325 | 1614 | 1628 | 1654 | rBV  | 311100 | 661750  | 39.28% | 4.594%  |
| 43 | 6.653 | 1728 | 1730 | 1739 | rVB2 | 319    | 418     | 0.02%  | 0.003%  |
| 44 | 6.723 | 1746 | 1752 | 1755 | rBV2 | 510    | 605     | 0.04%  | 0.004%  |
| 45 | 6.891 | 1801 | 1804 | 1806 | rBV2 | 866    | 537     | 0.03%  | 0.004%  |
| 46 | 6.929 | 1812 | 1816 | 1819 | rVB3 | 507    | 446     | 0.03%  | 0.003%  |
| 47 | 7.090 | 1864 | 1866 | 1874 | rVB3 | 691    | 585     | 0.03%  | 0.004%  |
| 48 | 7.225 | 1895 | 1908 | 1933 | rBV  | 171718 | 339659  | 20.16% | 2.358%  |
| 49 | 7.328 | 1938 | 1940 | 1946 | rVB2 | 682    | 465     | 0.03%  | 0.003%  |
| 50 | 7.444 | 1970 | 1976 | 1979 | rBV3 | 470    | 463     | 0.03%  | 0.003%  |
| 51 | 7.485 | 1979 | 1989 | 1999 | rVB4 | 4020   | 7579    | 0.45%  | 0.053%  |
| 52 | 7.559 | 1999 | 2012 | 2034 | rBV  | 720173 | 1337232 | 79.38% | 9.283%  |
| 53 | 7.849 | 2091 | 2102 | 2130 | rBV  | 114204 | 235365  | 13.97% | 1.634%  |
| 54 | 8.038 | 2155 | 2161 | 2163 | rBV3 | 1018   | 1000    | 0.06%  | 0.007%  |
| 55 | 8.112 | 2180 | 2184 | 2189 | rVB  | 590    | 589     | 0.03%  | 0.004%  |
| 56 | 8.141 | 2189 | 2193 | 2194 | rBV  | 555    | 388     | 0.02%  | 0.003%  |
| 57 | 8.170 | 2199 | 2202 | 2206 | rBV2 | 606    | 469     | 0.03%  | 0.003%  |
| 58 | 8.222 | 2206 | 2218 | 2237 | rBV2 | 248779 | 441345  | 26.20% | 3.064%  |
| 59 | 8.325 | 2237 | 2250 | 2285 | rVV  | 480216 | 937403  | 55.65% | 6.507%  |
| 60 | 8.624 | 2336 | 2343 | 2346 | rBV5 | 968    | 1152    | 0.07%  | 0.008%  |
| 61 | 8.688 | 2360 | 2363 | 2367 | rVB2 | 682    | 583     | 0.03%  | 0.004%  |
| 62 | 8.778 | 2382 | 2391 | 2395 | rBV4 | 687    | 1015    | 0.06%  | 0.007%  |
| 63 | 8.852 | 2411 | 2414 | 2419 | rVB3 | 456    | 415     | 0.02%  | 0.003%  |
| 64 | 8.900 | 2422 | 2429 | 2435 | rBV6 | 1600   | 1980    | 0.12%  | 0.014%  |
| 65 | 8.952 | 2443 | 2445 | 2449 | rVB  | 655    | 443     | 0.03%  | 0.003%  |
| 66 | 8.990 | 2453 | 2457 | 2463 | rVB3 | 453    | 433     | 0.03%  | 0.003%  |
| 67 | 9.022 | 2463 | 2467 | 2470 | rBV2 | 587    | 592     | 0.04%  | 0.004%  |
| 68 | 9.090 | 2474 | 2488 | 2519 | rBV  | 865110 | 1575118 | 93.50% | 10.934% |
| 69 | 9.389 | 2574 | 2581 | 2585 | rBV3 | 959    | 1225    | 0.07%  | 0.009%  |
| 70 | 9.456 | 2599 | 2602 | 2606 | rBV  | 386    | 367     | 0.02%  | 0.003%  |
| 71 | 9.540 | 2625 | 2628 | 2632 | rBV3 | 477    | 403     | 0.02%  | 0.003%  |

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 Min Area: 0 % of largest Peak  
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 Peak Location: TOP

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

Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM031119WMA.M  
 Title : VOC Analysis

|     |        |      |      |      |      |         |         |         |         |
|-----|--------|------|------|------|------|---------|---------|---------|---------|
| 72  | 9.585  | 2639 | 2642 | 2647 | rVB  | 583     | 434     | 0.03%   | 0.003%  |
| 73  | 9.646  | 2654 | 2661 | 2665 | rVV2 | 521     | 615     | 0.04%   | 0.004%  |
| 74  | 9.977  | 2760 | 2764 | 2772 | rVB2 | 669     | 926     | 0.05%   | 0.006%  |
| 75  | 10.083 | 2793 | 2797 | 2801 | rBV3 | 503     | 448     | 0.03%   | 0.003%  |
| 76  | 10.228 | 2835 | 2842 | 2845 | rBV4 | 1121    | 1195    | 0.07%   | 0.008%  |
| 77  | 10.299 | 2856 | 2864 | 2871 | rVB2 | 867     | 1796    | 0.11%   | 0.012%  |
| 78  | 10.434 | 2894 | 2906 | 2928 | rBV  | 600226  | 956678  | 56.79%  | 6.641%  |
| 79  | 10.572 | 2946 | 2949 | 2951 | rBV2 | 693     | 368     | 0.02%   | 0.003%  |
| 80  | 10.778 | 3010 | 3013 | 3016 | rBV  | 806     | 706     | 0.04%   | 0.005%  |
| 81  | 11.154 | 3127 | 3130 | 3133 | rBV2 | 599     | 448     | 0.03%   | 0.003%  |
| 82  | 11.279 | 3165 | 3169 | 3174 | rVB3 | 404     | 401     | 0.02%   | 0.003%  |
| 83  | 11.418 | 3208 | 3212 | 3215 | rBV4 | 1610    | 1367    | 0.08%   | 0.009%  |
| 84  | 11.482 | 3220 | 3232 | 3252 | rBV  | 1053759 | 1684607 | 100.00% | 11.694% |
| 85  | 11.858 | 3336 | 3349 | 3377 | rBV  | 812799  | 1356258 | 80.51%  | 9.415%  |
| 86  | 12.231 | 3462 | 3465 | 3468 | rBV2 | 668     | 527     | 0.03%   | 0.004%  |
| 87  | 12.337 | 3496 | 3498 | 3502 | rBV  | 455     | 441     | 0.03%   | 0.003%  |
| 88  | 12.440 | 3527 | 3530 | 3532 | rBV3 | 588     | 495     | 0.03%   | 0.003%  |
| 89  | 12.530 | 3555 | 3558 | 3562 | rVB  | 551     | 408     | 0.02%   | 0.003%  |
| 90  | 12.562 | 3564 | 3568 | 3570 | rBV  | 634     | 452     | 0.03%   | 0.003%  |
| 91  | 12.759 | 3625 | 3629 | 3634 | rVV4 | 446     | 407     | 0.02%   | 0.003%  |
| 92  | 13.527 | 3865 | 3868 | 3870 | rBV2 | 604     | 416     | 0.02%   | 0.003%  |
| 93  | 13.665 | 3909 | 3911 | 3914 | rBV2 | 743     | 460     | 0.03%   | 0.003%  |
| 94  | 13.762 | 3937 | 3941 | 3943 | rBV  | 473     | 416     | 0.02%   | 0.003%  |
| 95  | 13.787 | 3946 | 3949 | 3952 | rBV4 | 648     | 448     | 0.03%   | 0.003%  |
| 96  | 13.916 | 3985 | 3989 | 3993 | rBV3 | 744     | 677     | 0.04%   | 0.005%  |
| 97  | 14.003 | 4012 | 4016 | 4018 | rBV  | 711     | 550     | 0.03%   | 0.004%  |
| 98  | 14.926 | 4300 | 4303 | 4304 | rBV2 | 745     | 406     | 0.02%   | 0.003%  |
| 99  | 15.029 | 4331 | 4335 | 4340 | rBV5 | 811     | 902     | 0.05%   | 0.006%  |
| 100 | 15.656 | 4527 | 4530 | 4533 | rBV3 | 1130    | 833     | 0.05%   | 0.006%  |

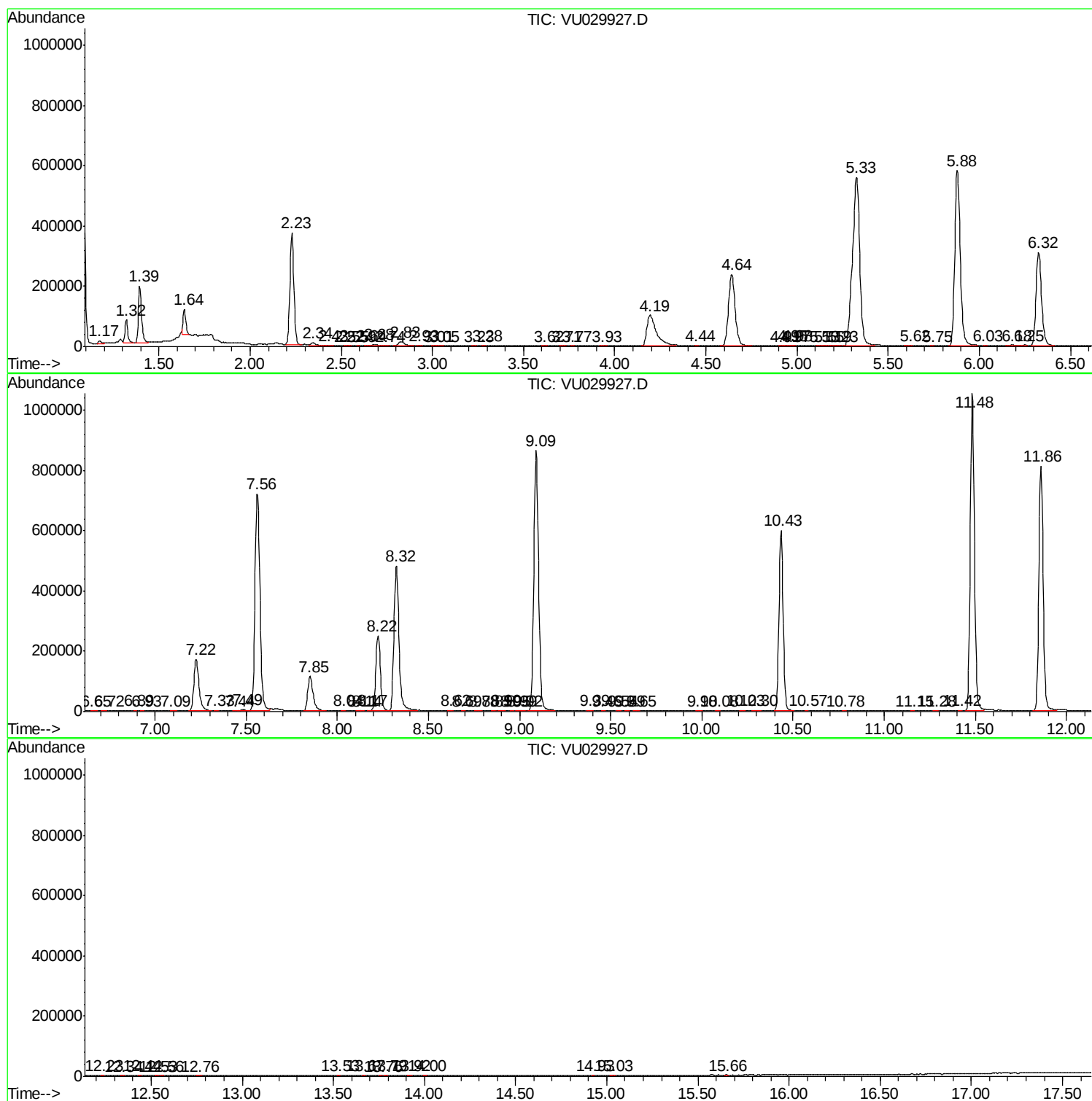
Sum of corrected areas: 14405603

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM031119WMA.M  
Quant Title : VOC Analysis

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



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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        |