

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031119\  
 Data File : VU029905.D  
 Acq On : 08 Mar 2019 22:02  
 Operator : JC/SP  
 Sample : K1796-10  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BF5Q2

## 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           | rBV      | 8189           | 7592          | 0.48%           | 0.060%        |
| 2         | 1.395       | 88            | 95          | 108          | rBV      | 188591         | 192859        | 12.21%          | 1.512%        |
| 3         | 1.472       | 115           | 119         | 126          | rVB      | 5076           | 5374          | 0.34%           | 0.042%        |
| 4         | 1.678       | 175           | 183         | 197          | rVB      | 156999         | 195267        | 12.37%          | 1.530%        |
| 5         | 2.270       | 355           | 367         | 378          | rBV      | 322004         | 488972        | 30.97%          | 3.832%        |
| 6         | 2.405       | 406           | 409         | 412          | rBV2     | 775            | 564           | 0.04%           | 0.004%        |
| 7         | 2.447       | 417           | 422         | 423          | rBV      | 749            | 620           | 0.04%           | 0.005%        |
| 8         | 2.627       | 475           | 478         | 482          | rBV2     | 512            | 414           | 0.03%           | 0.003%        |
| 9         | 2.646       | 482           | 484         | 493          | rVB3     | 557            | 653           | 0.04%           | 0.005%        |
| 10        | 2.697       | 493           | 500         | 513          | rBV6     | 2858           | 5312          | 0.34%           | 0.042%        |
| 11        | 2.832       | 533           | 542         | 555          | rVB6     | 2128           | 4496          | 0.28%           | 0.035%        |
| 12        | 3.048       | 603           | 609         | 611          | rBV2     | 570            | 504           | 0.03%           | 0.004%        |
| 13        | 3.299       | 684           | 687         | 691          | rVV      | 445            | 370           | 0.02%           | 0.003%        |
| 14        | 3.324       | 691           | 695         | 698          | rVB2     | 463            | 389           | 0.02%           | 0.003%        |
| 15        | 3.440       | 728           | 731         | 734          | rVV2     | 549            | 343           | 0.02%           | 0.003%        |
| 16        | 3.475       | 739           | 742         | 746          | rBV3     | 366            | 330           | 0.02%           | 0.003%        |
| 17        | 3.559       | 764           | 768         | 774          | rVB2     | 561            | 471           | 0.03%           | 0.004%        |
| 18        | 3.649       | 792           | 796         | 801          | rBV2     | 417            | 509           | 0.03%           | 0.004%        |
| 19        | 3.717       | 814           | 817         | 821          | rBV3     | 533            | 393           | 0.02%           | 0.003%        |
| 20        | 3.852       | 856           | 859         | 863          | rBV3     | 576            | 435           | 0.03%           | 0.003%        |
| 21        | 3.887       | 863           | 870         | 871          | rBV2     | 595            | 475           | 0.03%           | 0.004%        |
| 22        | 3.897       | 871           | 873         | 878          | rVB2     | 671            | 408           | 0.03%           | 0.003%        |
| 23        | 4.006       | 894           | 907         | 912          | rBV6     | 2943           | 6085          | 0.39%           | 0.048%        |
| 24        | 4.122       | 939           | 943         | 946          | rBV3     | 721            | 587           | 0.04%           | 0.005%        |
| 25        | 4.176       | 946           | 960         | 990          | rBV      | 153584         | 419260        | 26.55%          | 3.286%        |
| 26        | 4.389       | 1024          | 1026        | 1031         | rBV3     | 503            | 383           | 0.02%           | 0.003%        |
| 27        | 4.472       | 1048          | 1052        | 1057         | rVB3     | 795            | 802           | 0.05%           | 0.006%        |
| 28        | 4.524       | 1064          | 1068        | 1072         | rBV3     | 494            | 399           | 0.03%           | 0.003%        |
| 29        | 4.549       | 1073          | 1076        | 1079         | rVB3     | 660            | 362           | 0.02%           | 0.003%        |
| 30        | 4.575       | 1079          | 1084        | 1086         | rBV4     | 435            | 399           | 0.03%           | 0.003%        |
| 31        | 4.646       | 1088          | 1106        | 1138         | rBV      | 260371         | 628564        | 39.81%          | 4.927%        |
| 32        | 4.781       | 1146          | 1148        | 1154         | rVB      | 695            | 411           | 0.03%           | 0.003%        |
| 33        | 4.826       | 1154          | 1162        | 1166         | rBV3     | 475            | 617           | 0.04%           | 0.005%        |
| 34        | 4.868       | 1169          | 1175        | 1177         | rVB4     | 532            | 370           | 0.02%           | 0.003%        |

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

|    |       |      |      |      |      |        |         |         |         |
|----|-------|------|------|------|------|--------|---------|---------|---------|
| 35 | 4.890 | 1177 | 1182 | 1183 | rBV2 | 574    | 443     | 0.03%   | 0.003%  |
| 36 | 4.990 | 1210 | 1213 | 1217 | rVB2 | 636    | 489     | 0.03%   | 0.004%  |
| 37 | 5.112 | 1245 | 1251 | 1254 | rBV3 | 393    | 400     | 0.03%   | 0.003%  |
| 38 | 5.144 | 1258 | 1261 | 1268 | rBV4 | 441    | 444     | 0.03%   | 0.003%  |
| 39 | 5.208 | 1275 | 1281 | 1286 | rBV3 | 576    | 912     | 0.06%   | 0.007%  |
| 40 | 5.337 | 1295 | 1321 | 1357 | rBV2 | 535692 | 1579006 | 100.00% | 12.376% |
| 41 | 5.601 | 1401 | 1403 | 1407 | rVB  | 705    | 483     | 0.03%   | 0.004%  |
| 42 | 5.736 | 1441 | 1445 | 1449 | rBV3 | 484    | 539     | 0.03%   | 0.004%  |
| 43 | 5.797 | 1450 | 1464 | 1465 | rBV5 | 1663   | 2973    | 0.19%   | 0.023%  |
| 44 | 5.884 | 1475 | 1491 | 1521 | rBV  | 488996 | 976475  | 61.84%  | 7.653%  |
| 45 | 6.186 | 1574 | 1585 | 1604 | rVB5 | 17891  | 38200   | 2.42%   | 0.299%  |
| 46 | 6.270 | 1607 | 1611 | 1615 | rBV3 | 492    | 353     | 0.02%   | 0.003%  |
| 47 | 6.327 | 1615 | 1629 | 1653 | rBV  | 349345 | 708947  | 44.90%  | 5.557%  |
| 48 | 6.501 | 1681 | 1683 | 1686 | rVB3 | 789    | 402     | 0.03%   | 0.003%  |
| 49 | 6.527 | 1686 | 1691 | 1692 | rBV2 | 758    | 555     | 0.04%   | 0.004%  |
| 50 | 6.552 | 1693 | 1699 | 1701 | rBV4 | 1191   | 1246    | 0.08%   | 0.010%  |
| 51 | 6.601 | 1711 | 1714 | 1716 | rBV  | 595    | 445     | 0.03%   | 0.003%  |
| 52 | 6.758 | 1759 | 1763 | 1769 | rVB3 | 650    | 767     | 0.05%   | 0.006%  |
| 53 | 6.794 | 1769 | 1774 | 1778 | rBV2 | 522    | 385     | 0.02%   | 0.003%  |
| 54 | 7.012 | 1839 | 1842 | 1848 | rVB3 | 538    | 603     | 0.04%   | 0.005%  |
| 55 | 7.224 | 1896 | 1908 | 1938 | rBV  | 188838 | 351428  | 22.26%  | 2.754%  |
| 56 | 7.411 | 1962 | 1966 | 1973 | rBV2 | 702    | 779     | 0.05%   | 0.006%  |
| 57 | 7.562 | 1999 | 2013 | 2052 | rBV  | 730012 | 1293684 | 81.93%  | 10.140% |
| 58 | 7.848 | 2091 | 2102 | 2130 | rBV  | 131448 | 234120  | 14.83%  | 1.835%  |
| 59 | 8.176 | 2195 | 2204 | 2214 | rBV3 | 3219   | 5034    | 0.32%   | 0.039%  |
| 60 | 8.228 | 2214 | 2220 | 2233 | rVB6 | 2191   | 3901    | 0.25%   | 0.031%  |
| 61 | 8.308 | 2233 | 2245 | 2286 | rBV  | 544998 | 998639  | 63.24%  | 7.827%  |
| 62 | 8.466 | 2287 | 2294 | 2322 | rVB3 | 15759  | 34100   | 2.16%   | 0.267%  |
| 63 | 8.713 | 2368 | 2371 | 2376 | rVB3 | 605    | 460     | 0.03%   | 0.004%  |
| 64 | 8.967 | 2447 | 2450 | 2454 | rVB2 | 504    | 378     | 0.02%   | 0.003%  |
| 65 | 9.086 | 2474 | 2487 | 2517 | rBV  | 720839 | 1207632 | 76.48%  | 9.465%  |
| 66 | 9.289 | 2547 | 2550 | 2553 | rBV2 | 559    | 459     | 0.03%   | 0.004%  |
| 67 | 9.347 | 2564 | 2568 | 2572 | rBV3 | 459    | 439     | 0.03%   | 0.003%  |
| 68 | 9.382 | 2576 | 2579 | 2585 | rVB5 | 1145   | 1106    | 0.07%   | 0.009%  |
| 69 | 9.421 | 2585 | 2591 | 2592 | rBV  | 480    | 384     | 0.02%   | 0.003%  |
| 70 | 9.546 | 2626 | 2630 | 2633 | rVV  | 605    | 423     | 0.03%   | 0.003%  |
| 71 | 9.646 | 2657 | 2661 | 2668 | rVB2 | 441    | 363     | 0.02%   | 0.003%  |

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 Max Peaks: 100  
 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  | 9.694  | 2668 | 2676 | 2680 | rBV2 | 497    | 695     | 0.04%  | 0.005% |
| 73  | 9.900  | 2736 | 2740 | 2745 | rVB2 | 556    | 492     | 0.03%  | 0.004% |
| 74  | 10.003 | 2765 | 2772 | 2777 | rBV3 | 1009   | 1452    | 0.09%  | 0.011% |
| 75  | 10.044 | 2777 | 2785 | 2793 | rVV8 | 1595   | 3243    | 0.21%  | 0.025% |
| 76  | 10.166 | 2820 | 2823 | 2831 | rVB3 | 801    | 803     | 0.05%  | 0.006% |
| 77  | 10.292 | 2857 | 2862 | 2865 | rBV2 | 382    | 366     | 0.02%  | 0.003% |
| 78  | 10.427 | 2890 | 2904 | 2924 | rBV  | 575615 | 929388  | 58.86% | 7.284% |
| 79  | 10.604 | 2947 | 2959 | 2968 | rBV6 | 3296   | 5674    | 0.36%  | 0.044% |
| 80  | 10.813 | 3020 | 3024 | 3030 | rBV3 | 753    | 1131    | 0.07%  | 0.009% |
| 81  | 11.086 | 3105 | 3109 | 3111 | rVB3 | 777    | 415     | 0.03%  | 0.003% |
| 82  | 11.285 | 3166 | 3171 | 3174 | rBV3 | 570    | 502     | 0.03%  | 0.004% |
| 83  | 11.369 | 3195 | 3197 | 3202 | rVB2 | 493    | 373     | 0.02%  | 0.003% |
| 84  | 11.482 | 3219 | 3232 | 3251 | rBV  | 715140 | 1143913 | 72.45% | 8.966% |
| 85  | 11.761 | 3313 | 3319 | 3320 | rBV4 | 1674   | 1654    | 0.10%  | 0.013% |
| 86  | 11.858 | 3336 | 3349 | 3368 | rBV  | 766687 | 1248998 | 79.10% | 9.789% |
| 87  | 12.173 | 3444 | 3447 | 3450 | rVV3 | 583    | 423     | 0.03%  | 0.003% |
| 88  | 12.195 | 3451 | 3454 | 3460 | rVB4 | 695    | 753     | 0.05%  | 0.006% |
| 89  | 12.292 | 3479 | 3484 | 3489 | rBV3 | 824    | 993     | 0.06%  | 0.008% |
| 90  | 12.346 | 3499 | 3501 | 3507 | rVB4 | 452    | 349     | 0.02%  | 0.003% |
| 91  | 12.475 | 3537 | 3541 | 3542 | rBV2 | 851    | 568     | 0.04%  | 0.004% |
| 92  | 12.604 | 3578 | 3581 | 3585 | rVB2 | 718    | 484     | 0.03%  | 0.004% |
| 93  | 12.806 | 3641 | 3644 | 3646 | rBV2 | 567    | 383     | 0.02%  | 0.003% |
| 94  | 12.896 | 3669 | 3672 | 3676 | rVV2 | 496    | 421     | 0.03%  | 0.003% |
| 95  | 13.292 | 3791 | 3795 | 3803 | rVB3 | 588    | 706     | 0.04%  | 0.006% |
| 96  | 13.633 | 3898 | 3901 | 3903 | rBV2 | 536    | 345     | 0.02%  | 0.003% |
| 97  | 13.854 | 3968 | 3970 | 3975 | rVB3 | 682    | 372     | 0.02%  | 0.003% |
| 98  | 14.388 | 4133 | 4136 | 4137 | rBV  | 584    | 335     | 0.02%  | 0.003% |
| 99  | 14.475 | 4159 | 4163 | 4165 | rBV3 | 666    | 582     | 0.04%  | 0.005% |
| 100 | 14.703 | 4231 | 4234 | 4238 | rBV2 | 629    | 585     | 0.04%  | 0.005% |

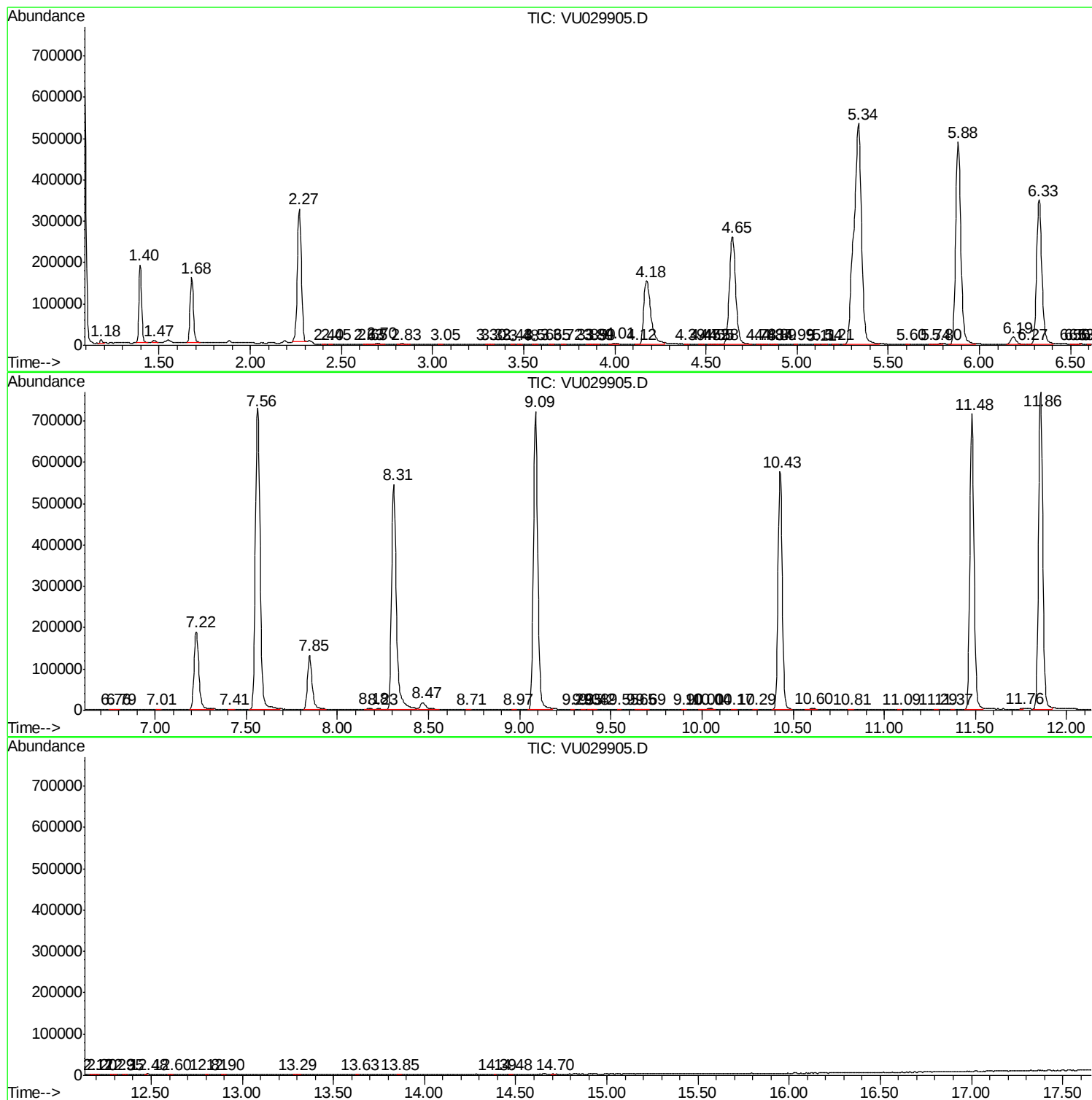
Sum of corrected areas: 12758783

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Quant Method : Z:\VOASRV\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          |