

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU022219\  
 Data File : VU029625.D  
 Acq On : 22 Feb 2019 17:23  
 Operator : JC/SP  
 Sample : K1581-16  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 DB626

## 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          | 35           | rBV      | 8588           | 8461          | 0.58%           | 0.069%        |
| 2         | 1.399       | 89            | 96          | 106          | rBV      | 195215         | 200395        | 13.70%          | 1.641%        |
| 3         | 1.678       | 175           | 183         | 199          | rVB      | 165863         | 207573        | 14.19%          | 1.699%        |
| 4         | 2.270       | 357           | 367         | 379          | rVB      | 358795         | 522859        | 35.73%          | 4.281%        |
| 5         | 2.447       | 415           | 422         | 425          | rBV5     | 1008           | 1485          | 0.10%           | 0.012%        |
| 6         | 2.508       | 438           | 441         | 444          | rBV3     | 285            | 256           | 0.02%           | 0.002%        |
| 7         | 2.572       | 457           | 461         | 465          | rBV4     | 712            | 557           | 0.04%           | 0.005%        |
| 8         | 2.701       | 492           | 501         | 511          | rVB5     | 3001           | 5377          | 0.37%           | 0.044%        |
| 9         | 2.817       | 531           | 537         | 540          | rVV3     | 796            | 780           | 0.05%           | 0.006%        |
| 10        | 2.891       | 555           | 560         | 563          | rBV3     | 327            | 292           | 0.02%           | 0.002%        |
| 11        | 2.952       | 576           | 579         | 585          | rVB      | 400            | 335           | 0.02%           | 0.003%        |
| 12        | 2.984       | 585           | 589         | 593          | rVB3     | 360            | 286           | 0.02%           | 0.002%        |
| 13        | 3.026       | 599           | 602         | 608          | rBV2     | 332            | 345           | 0.02%           | 0.003%        |
| 14        | 3.116       | 625           | 630         | 633          | rVB      | 534            | 500           | 0.03%           | 0.004%        |
| 15        | 3.141       | 633           | 638         | 640          | rBV2     | 443            | 386           | 0.03%           | 0.003%        |
| 16        | 3.225       | 659           | 664         | 668          | rVB3     | 536            | 530           | 0.04%           | 0.004%        |
| 17        | 3.247       | 668           | 671         | 674          | rBV2     | 426            | 287           | 0.02%           | 0.002%        |
| 18        | 3.289       | 680           | 684         | 688          | rBV3     | 543            | 419           | 0.03%           | 0.003%        |
| 19        | 3.485       | 742           | 745         | 749          | rVV3     | 324            | 267           | 0.02%           | 0.002%        |
| 20        | 3.559       | 763           | 768         | 771          | rVB3     | 319            | 234           | 0.02%           | 0.002%        |
| 21        | 3.620       | 785           | 787         | 793          | rVB2     | 337            | 262           | 0.02%           | 0.002%        |
| 22        | 3.682       | 802           | 806         | 811          | rBV2     | 401            | 485           | 0.03%           | 0.004%        |
| 23        | 3.720       | 816           | 818         | 824          | rVB2     | 431            | 305           | 0.02%           | 0.002%        |
| 24        | 3.749       | 824           | 827         | 833          | rVB3     | 334            | 365           | 0.02%           | 0.003%        |
| 25        | 3.784       | 835           | 838         | 844          | rBV2     | 439            | 550           | 0.04%           | 0.005%        |
| 26        | 3.929       | 880           | 883         | 886          | rBV2     | 322            | 248           | 0.02%           | 0.002%        |
| 27        | 4.173       | 947           | 959         | 1005         | rBV      | 131857         | 357051        | 24.40%          | 2.923%        |
| 28        | 4.646       | 1089          | 1106        | 1129         | rBV      | 251072         | 592175        | 40.47%          | 4.848%        |
| 29        | 4.977       | 1206          | 1209        | 1211         | rBV2     | 491            | 355           | 0.02%           | 0.003%        |
| 30        | 5.003       | 1214          | 1217        | 1225         | rVB2     | 586            | 527           | 0.04%           | 0.004%        |
| 31        | 5.054       | 1225          | 1233        | 1234         | rBV2     | 338            | 433           | 0.03%           | 0.004%        |
| 32        | 5.132       | 1253          | 1257        | 1262         | rVB2     | 261            | 282           | 0.02%           | 0.002%        |
| 33        | 5.161       | 1263          | 1266        | 1270         | rBV3     | 394            | 276           | 0.02%           | 0.002%        |
| 34        | 5.337       | 1297          | 1321        | 1357         | rBV2     | 486751         | 1463240       | 100.00%         | 11.980%       |

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

|    |       |      |      |      |      |        |         |        |         |
|----|-------|------|------|------|------|--------|---------|--------|---------|
| 35 | 5.575 | 1393 | 1395 | 1401 | rVB4 | 781    | 550     | 0.04%  | 0.005%  |
| 36 | 5.649 | 1414 | 1418 | 1420 | rBV3 | 442    | 397     | 0.03%  | 0.003%  |
| 37 | 5.665 | 1420 | 1423 | 1426 | rVV  | 557    | 386     | 0.03%  | 0.003%  |
| 38 | 5.688 | 1427 | 1430 | 1433 | rVB2 | 342    | 272     | 0.02%  | 0.002%  |
| 39 | 5.746 | 1442 | 1448 | 1454 | rVB3 | 500    | 651     | 0.04%  | 0.005%  |
| 40 | 5.884 | 1474 | 1491 | 1517 | rBV  | 509055 | 1018467 | 69.60% | 8.339%  |
| 41 | 6.177 | 1575 | 1582 | 1586 | rBV3 | 1060   | 1469    | 0.10%  | 0.012%  |
| 42 | 6.328 | 1614 | 1629 | 1650 | rBV  | 325708 | 662966  | 45.31% | 5.428%  |
| 43 | 6.508 | 1683 | 1685 | 1693 | rVB5 | 587    | 655     | 0.04%  | 0.005%  |
| 44 | 6.598 | 1708 | 1713 | 1718 | rVB  | 407    | 483     | 0.03%  | 0.004%  |
| 45 | 6.627 | 1718 | 1722 | 1725 | rBV2 | 387    | 243     | 0.02%  | 0.002%  |
| 46 | 6.820 | 1776 | 1782 | 1788 | rVB2 | 328    | 470     | 0.03%  | 0.004%  |
| 47 | 6.855 | 1788 | 1793 | 1795 | rBV2 | 348    | 283     | 0.02%  | 0.002%  |
| 48 | 6.935 | 1815 | 1818 | 1823 | rVB3 | 521    | 380     | 0.03%  | 0.003%  |
| 49 | 6.968 | 1823 | 1828 | 1830 | rBV2 | 502    | 415     | 0.03%  | 0.003%  |
| 50 | 7.225 | 1896 | 1908 | 1936 | rBV  | 185438 | 339194  | 23.18% | 2.777%  |
| 51 | 7.562 | 1999 | 2013 | 2034 | rBV  | 677351 | 1195583 | 81.71% | 9.789%  |
| 52 | 7.849 | 2090 | 2102 | 2123 | rBV  | 124734 | 223209  | 15.25% | 1.827%  |
| 53 | 7.958 | 2134 | 2136 | 2139 | rBV2 | 394    | 279     | 0.02%  | 0.002%  |
| 54 | 8.112 | 2181 | 2184 | 2189 | rVB3 | 391    | 390     | 0.03%  | 0.003%  |
| 55 | 8.177 | 2197 | 2204 | 2212 | rVB4 | 1167   | 2247    | 0.15%  | 0.018%  |
| 56 | 8.254 | 2224 | 2228 | 2231 | rBV2 | 282    | 275     | 0.02%  | 0.002%  |
| 57 | 8.308 | 2233 | 2245 | 2285 | rBV  | 479152 | 862967  | 58.98% | 7.065%  |
| 58 | 8.495 | 2301 | 2303 | 2306 | rBV3 | 469    | 246     | 0.02%  | 0.002%  |
| 59 | 8.685 | 2358 | 2362 | 2367 | rBV3 | 531    | 520     | 0.04%  | 0.004%  |
| 60 | 8.800 | 2392 | 2398 | 2401 | rBV3 | 405    | 504     | 0.03%  | 0.004%  |
| 61 | 8.823 | 2403 | 2405 | 2411 | rVB3 | 498    | 377     | 0.03%  | 0.003%  |
| 62 | 8.852 | 2411 | 2414 | 2416 | rBV2 | 370    | 241     | 0.02%  | 0.002%  |
| 63 | 8.958 | 2444 | 2447 | 2453 | rVV  | 428    | 374     | 0.03%  | 0.003%  |
| 64 | 9.086 | 2474 | 2487 | 2531 | rBV  | 757777 | 1272069 | 86.94% | 10.415% |
| 65 | 9.308 | 2553 | 2556 | 2557 | rBV2 | 395    | 237     | 0.02%  | 0.002%  |
| 66 | 9.344 | 2563 | 2567 | 2570 | rBV2 | 361    | 359     | 0.02%  | 0.003%  |
| 67 | 9.382 | 2574 | 2579 | 2581 | rBV2 | 565    | 421     | 0.03%  | 0.003%  |
| 68 | 9.456 | 2596 | 2602 | 2605 | rBV2 | 319    | 251     | 0.02%  | 0.002%  |
| 69 | 9.488 | 2608 | 2612 | 2615 | rBV2 | 349    | 298     | 0.02%  | 0.002%  |
| 70 | 9.566 | 2629 | 2636 | 2638 | rBV2 | 319    | 367     | 0.03%  | 0.003%  |
| 71 | 9.611 | 2648 | 2650 | 2657 | rVB2 | 412    | 401     | 0.03%  | 0.003%  |

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 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

|     |        |      |      |      |      |        |         |        |         |
|-----|--------|------|------|------|------|--------|---------|--------|---------|
| 72  | 9.649  | 2657 | 2662 | 2666 | rBV2 | 361    | 382     | 0.03%  | 0.003%  |
| 73  | 9.717  | 2681 | 2683 | 2689 | rVB3 | 487    | 405     | 0.03%  | 0.003%  |
| 74  | 9.752  | 2689 | 2694 | 2695 | rBV3 | 414    | 291     | 0.02%  | 0.002%  |
| 75  | 9.787  | 2700 | 2705 | 2707 | rBV3 | 323    | 321     | 0.02%  | 0.003%  |
| 76  | 9.816  | 2711 | 2714 | 2718 | rVB3 | 449    | 378     | 0.03%  | 0.003%  |
| 77  | 9.845  | 2718 | 2723 | 2725 | rBV  | 388    | 407     | 0.03%  | 0.003%  |
| 78  | 9.913  | 2739 | 2744 | 2748 | rBV3 | 613    | 776     | 0.05%  | 0.006%  |
| 79  | 10.051 | 2784 | 2787 | 2792 | rVB3 | 467    | 366     | 0.03%  | 0.003%  |
| 80  | 10.077 | 2792 | 2795 | 2797 | rBV  | 360    | 283     | 0.02%  | 0.002%  |
| 81  | 10.131 | 2809 | 2812 | 2815 | rBV2 | 274    | 231     | 0.02%  | 0.002%  |
| 82  | 10.373 | 2884 | 2887 | 2891 | rBV2 | 326    | 364     | 0.02%  | 0.003%  |
| 83  | 10.427 | 2891 | 2904 | 2924 | rBV  | 523536 | 841716  | 57.52% | 6.891%  |
| 84  | 10.601 | 2953 | 2958 | 2961 | rBV4 | 1043   | 1046    | 0.07%  | 0.009%  |
| 85  | 10.636 | 2967 | 2969 | 2972 | rVB  | 721    | 411     | 0.03%  | 0.003%  |
| 86  | 10.694 | 2985 | 2987 | 2991 | rVB  | 758    | 411     | 0.03%  | 0.003%  |
| 87  | 10.717 | 2991 | 2994 | 3001 | rBV  | 906    | 630     | 0.04%  | 0.005%  |
| 88  | 10.865 | 3037 | 3040 | 3045 | rBV  | 408    | 249     | 0.02%  | 0.002%  |
| 89  | 10.990 | 3075 | 3079 | 3084 | rBV3 | 281    | 278     | 0.02%  | 0.002%  |
| 90  | 11.041 | 3090 | 3095 | 3097 | rBV2 | 568    | 429     | 0.03%  | 0.004%  |
| 91  | 11.096 | 3109 | 3112 | 3115 | rBV  | 323    | 234     | 0.02%  | 0.002%  |
| 92  | 11.205 | 3140 | 3146 | 3147 | rBV  | 348    | 326     | 0.02%  | 0.003%  |
| 93  | 11.244 | 3154 | 3158 | 3162 | rBV2 | 307    | 287     | 0.02%  | 0.002%  |
| 94  | 11.418 | 3208 | 3212 | 3215 | rBV2 | 804    | 758     | 0.05%  | 0.006%  |
| 95  | 11.482 | 3219 | 3232 | 3262 | rBV  | 752186 | 1222408 | 83.54% | 10.008% |
| 96  | 11.858 | 3334 | 3349 | 3369 | rBV  | 713264 | 1182208 | 80.79% | 9.679%  |
| 97  | 12.263 | 3471 | 3475 | 3477 | rBV2 | 306    | 259     | 0.02%  | 0.002%  |
| 98  | 12.488 | 3543 | 3545 | 3549 | rBV2 | 499    | 289     | 0.02%  | 0.002%  |
| 99  | 13.479 | 3850 | 3853 | 3857 | rBV2 | 588    | 493     | 0.03%  | 0.004%  |
| 100 | 13.942 | 3995 | 3997 | 4000 | rBV3 | 454    | 258     | 0.02%  | 0.002%  |

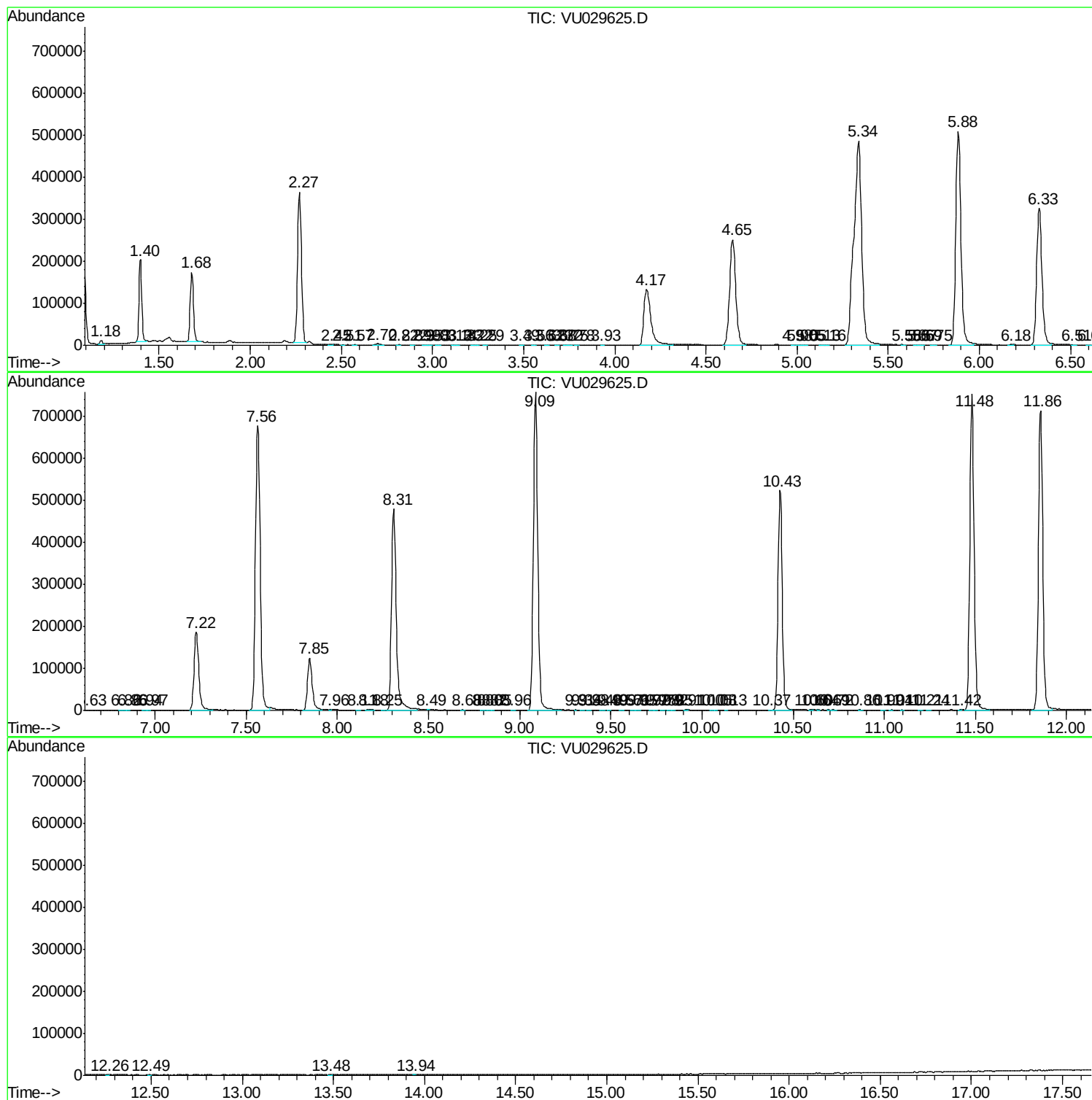
Sum of corrected areas: 12213968

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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:\V0ASRV\HPCHEM1\MSVOA\_U\DATA\VU022219\  
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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          |