

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082219\  
 Data File : VU033904.D  
 Acq On : 22 Aug 2019 16:47  
 Operator : JC/SP  
 Sample : VIBLK41  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VIBLK41

## 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\SOMULM082219WMA.M  
 Title : VOC Analysis

Signal : TIC

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|--------|----------|------------|----------|-----------|-------|-------------|------------|--------------|------------|
| 1      | 1.389    | 86         | 93       | 106       | rBV   | 366458      | 368918     | 14.97%       | 1.912%     |
| 2      | 1.669    | 172        | 180      | 192       | rBV   | 274214      | 339511     | 13.78%       | 1.760%     |
| 3      | 2.254    | 352        | 362      | 375       | rVB   | 568151      | 871644     | 35.37%       | 4.518%     |
| 4      | 2.460    | 413        | 426      | 440       | rVB   | 19888       | 33356      | 1.35%        | 0.173%     |
| 5      | 2.678    | 489        | 494      | 507       | rVB4  | 4766        | 7761       | 0.31%        | 0.040%     |
| 6      | 2.730    | 507        | 510      | 515       | rBV4  | 554         | 503        | 0.02%        | 0.003%     |
| 7      | 2.791    | 527        | 529      | 532       | rBV2  | 674         | 473        | 0.02%        | 0.002%     |
| 8      | 2.875    | 551        | 555      | 557       | rBV2  | 597         | 403        | 0.02%        | 0.002%     |
| 9      | 2.965    | 572        | 583      | 595       | rVB2  | 9191        | 17159      | 0.70%        | 0.089%     |
| 10     | 3.058    | 608        | 612      | 618       | rBV4  | 302         | 297        | 0.01%        | 0.002%     |
| 11     | 3.106    | 625        | 627      | 634       | rVB4  | 513         | 449        | 0.02%        | 0.002%     |
| 12     | 3.141    | 634        | 638      | 641       | rBV2  | 394         | 323        | 0.01%        | 0.002%     |
| 13     | 3.203    | 653        | 657      | 661       | rVB5  | 421         | 441        | 0.02%        | 0.002%     |
| 14     | 3.302    | 685        | 688      | 692       | rVB2  | 432         | 317        | 0.01%        | 0.002%     |
| 15     | 3.357    | 701        | 705      | 706       | rBV2  | 642         | 426        | 0.02%        | 0.002%     |
| 16     | 3.412    | 717        | 722      | 724       | rBV3  | 594         | 530        | 0.02%        | 0.003%     |
| 17     | 3.508    | 748        | 752      | 755       | rVB2  | 522         | 362        | 0.01%        | 0.002%     |
| 18     | 3.572    | 769        | 772      | 774       | rBV2  | 424         | 283        | 0.01%        | 0.001%     |
| 19     | 3.768    | 831        | 833      | 837       | rVB2  | 377         | 258        | 0.01%        | 0.001%     |
| 20     | 3.823    | 845        | 850      | 854       | rVB2  | 386         | 432        | 0.02%        | 0.002%     |
| 21     | 3.865    | 859        | 863      | 866       | rBV2  | 347         | 258        | 0.01%        | 0.001%     |
| 22     | 3.881    | 866        | 868      | 870       | rBV2  | 384         | 260        | 0.01%        | 0.001%     |
| 23     | 3.949    | 882        | 889      | 891       | rBV3  | 455         | 482        | 0.02%        | 0.002%     |
| 24     | 4.003    | 901        | 906      | 912       | rBV3  | 272         | 330        | 0.01%        | 0.002%     |
| 25     | 4.148    | 935        | 951      | 996       | rBV   | 203727      | 594429     | 24.12%       | 3.081%     |
| 26     | 4.518    | 1063       | 1066     | 1069      | rBV4  | 1198        | 1068       | 0.04%        | 0.006%     |
| 27     | 4.620    | 1080       | 1098     | 1130      | rBV   | 394301      | 947712     | 38.46%       | 4.913%     |
| 28     | 4.846    | 1165       | 1168     | 1170      | rBV2  | 616         | 477        | 0.02%        | 0.002%     |
| 29     | 4.971    | 1192       | 1207     | 1225      | rVB8  | 5496        | 14693      | 0.60%        | 0.076%     |
| 30     | 5.039    | 1225       | 1228     | 1232      | rBV2  | 527         | 423        | 0.02%        | 0.002%     |
| 31     | 5.090    | 1240       | 1244     | 1245      | rVV3  | 1121        | 683        | 0.03%        | 0.004%     |
| 32     | 5.109    | 1246       | 1250     | 1260      | rVB8  | 2098        | 3187       | 0.13%        | 0.017%     |
| 33     | 5.202    | 1277       | 1279     | 1283      | rVB3  | 506         | 307        | 0.01%        | 0.002%     |
| 34     | 5.228    | 1283       | 1287     | 1289      | rVB   | 391         | 294        | 0.01%        | 0.002%     |

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Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM082219WMA.M  
 Title : VOC Analysis

|    |       |      |      |      |      |         |         |         |         |
|----|-------|------|------|------|------|---------|---------|---------|---------|
| 35 | 5.315 | 1289 | 1314 | 1346 | rBV2 | 835738  | 2464225 | 100.00% | 12.774% |
| 36 | 5.588 | 1397 | 1399 | 1404 | rVB5 | 796     | 582     | 0.02%   | 0.003%  |
| 37 | 5.694 | 1429 | 1432 | 1435 | rVB4 | 462     | 308     | 0.01%   | 0.002%  |
| 38 | 5.733 | 1439 | 1444 | 1447 | rBV4 | 834     | 867     | 0.04%   | 0.004%  |
| 39 | 5.801 | 1463 | 1465 | 1468 | rVB2 | 474     | 262     | 0.01%   | 0.001%  |
| 40 | 5.862 | 1468 | 1484 | 1516 | rBV  | 726399  | 1452905 | 58.96%  | 7.531%  |
| 41 | 6.157 | 1564 | 1576 | 1593 | rVB4 | 19299   | 45978   | 1.87%   | 0.238%  |
| 42 | 6.247 | 1600 | 1604 | 1606 | rBV4 | 368     | 301     | 0.01%   | 0.002%  |
| 43 | 6.309 | 1607 | 1623 | 1642 | rBV  | 556229  | 1120390 | 45.47%  | 5.808%  |
| 44 | 6.643 | 1722 | 1727 | 1730 | rVB5 | 692     | 748     | 0.03%   | 0.004%  |
| 45 | 6.662 | 1730 | 1733 | 1737 | rVB4 | 422     | 315     | 0.01%   | 0.002%  |
| 46 | 6.736 | 1750 | 1756 | 1757 | rBV4 | 1083    | 1023    | 0.04%   | 0.005%  |
| 47 | 6.804 | 1771 | 1777 | 1783 | rBV4 | 366     | 503     | 0.02%   | 0.003%  |
| 48 | 6.855 | 1786 | 1793 | 1796 | rBV3 | 578     | 614     | 0.02%   | 0.003%  |
| 49 | 6.874 | 1796 | 1799 | 1803 | rVB4 | 724     | 470     | 0.02%   | 0.002%  |
| 50 | 6.903 | 1805 | 1808 | 1810 | rBV4 | 450     | 299     | 0.01%   | 0.002%  |
| 51 | 7.206 | 1890 | 1902 | 1940 | rBV  | 295999  | 559538  | 22.71%  | 2.900%  |
| 52 | 7.399 | 1960 | 1962 | 1964 | rBV2 | 641     | 353     | 0.01%   | 0.002%  |
| 53 | 7.450 | 1969 | 1978 | 1993 | rBV2 | 8870    | 17466   | 0.71%   | 0.091%  |
| 54 | 7.546 | 1993 | 2008 | 2025 | rBV  | 1092673 | 1915552 | 77.73%  | 9.929%  |
| 55 | 7.829 | 2085 | 2096 | 2124 | rBV  | 209861  | 378734  | 15.37%  | 1.963%  |
| 56 | 8.051 | 2159 | 2165 | 2178 | rVB9 | 2505    | 4564    | 0.19%   | 0.024%  |
| 57 | 8.103 | 2178 | 2181 | 2184 | rBV3 | 471     | 389     | 0.02%   | 0.002%  |
| 58 | 8.209 | 2206 | 2214 | 2228 | rVB5 | 10369   | 17889   | 0.73%   | 0.093%  |
| 59 | 8.292 | 2228 | 2240 | 2284 | rBV2 | 611359  | 1249127 | 50.69%  | 6.475%  |
| 60 | 8.556 | 2319 | 2322 | 2323 | rBV  | 1093    | 583     | 0.02%   | 0.003%  |
| 61 | 8.685 | 2359 | 2362 | 2366 | rVB2 | 550     | 418     | 0.02%   | 0.002%  |
| 62 | 8.707 | 2366 | 2369 | 2372 | rBV3 | 421     | 248     | 0.01%   | 0.001%  |
| 63 | 8.726 | 2373 | 2375 | 2378 | rBV3 | 423     | 245     | 0.01%   | 0.001%  |
| 64 | 8.771 | 2383 | 2389 | 2392 | rBV3 | 531     | 471     | 0.02%   | 0.002%  |
| 65 | 8.820 | 2398 | 2404 | 2406 | rBV4 | 904     | 885     | 0.04%   | 0.005%  |
| 66 | 8.945 | 2441 | 2443 | 2448 | rBV4 | 431     | 447     | 0.02%   | 0.002%  |
| 67 | 9.070 | 2465 | 2482 | 2523 | rBV  | 1084653 | 1838603 | 74.61%  | 9.531%  |
| 68 | 9.234 | 2524 | 2533 | 2551 | rVB2 | 13166   | 21582   | 0.88%   | 0.112%  |
| 69 | 9.312 | 2555 | 2557 | 2562 | rVB4 | 899     | 645     | 0.03%   | 0.003%  |
| 70 | 9.360 | 2563 | 2572 | 2585 | rBV2 | 10377   | 18002   | 0.73%   | 0.093%  |
| 71 | 9.447 | 2596 | 2599 | 2601 | rVB  | 553     | 315     | 0.01%   | 0.002%  |

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Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM082219WMA.M  
 Title : VOC Analysis

|     |        |      |      |      |      |         |         |        |        |
|-----|--------|------|------|------|------|---------|---------|--------|--------|
| 72  | 9.463  | 2601 | 2604 | 2607 | rBV2 | 380     | 245     | 0.01%  | 0.001% |
| 73  | 9.624  | 2650 | 2654 | 2657 | rVB2 | 368     | 318     | 0.01%  | 0.002% |
| 74  | 9.714  | 2678 | 2682 | 2686 | rVB2 | 534     | 493     | 0.02%  | 0.003% |
| 75  | 9.771  | 2686 | 2700 | 2716 | rBV5 | 12576   | 33555   | 1.36%  | 0.174% |
| 76  | 9.861  | 2724 | 2728 | 2731 | rVB2 | 671     | 541     | 0.02%  | 0.003% |
| 77  | 9.945  | 2747 | 2754 | 2760 | rVV4 | 1781    | 2306    | 0.09%  | 0.012% |
| 78  | 10.058 | 2785 | 2789 | 2792 | rBV  | 350     | 366     | 0.01%  | 0.002% |
| 79  | 10.151 | 2806 | 2818 | 2827 | rBV2 | 14251   | 22360   | 0.91%  | 0.116% |
| 80  | 10.225 | 2836 | 2841 | 2844 | rBV3 | 374     | 385     | 0.02%  | 0.002% |
| 81  | 10.308 | 2863 | 2867 | 2871 | rVB4 | 794     | 775     | 0.03%  | 0.004% |
| 82  | 10.331 | 2871 | 2874 | 2876 | rBV2 | 546     | 315     | 0.01%  | 0.002% |
| 83  | 10.347 | 2876 | 2879 | 2883 | rBV2 | 336     | 292     | 0.01%  | 0.002% |
| 84  | 10.414 | 2887 | 2900 | 2915 | rBV  | 714723  | 1173383 | 47.62% | 6.082% |
| 85  | 10.562 | 2944 | 2946 | 2951 | rVB4 | 639     | 563     | 0.02%  | 0.003% |
| 86  | 10.755 | 2998 | 3006 | 3017 | rBV2 | 15420   | 23990   | 0.97%  | 0.124% |
| 87  | 11.067 | 3099 | 3103 | 3106 | rBV4 | 788     | 658     | 0.03%  | 0.003% |
| 88  | 11.132 | 3114 | 3123 | 3136 | rBV2 | 16650   | 25898   | 1.05%  | 0.134% |
| 89  | 11.196 | 3140 | 3143 | 3148 | rVB4 | 407     | 385     | 0.02%  | 0.002% |
| 90  | 11.318 | 3177 | 3181 | 3184 | rBV2 | 447     | 349     | 0.01%  | 0.002% |
| 91  | 11.402 | 3197 | 3207 | 3215 | rBV3 | 24094   | 38494   | 1.56%  | 0.200% |
| 92  | 11.466 | 3215 | 3227 | 3250 | rVV  | 983196  | 1629923 | 66.14% | 8.449% |
| 93  | 11.842 | 3330 | 3344 | 3378 | rBV  | 1021031 | 1725844 | 70.04% | 8.946% |
| 94  | 12.463 | 3534 | 3537 | 3539 | rBV3 | 503     | 343     | 0.01%  | 0.002% |
| 95  | 12.646 | 3584 | 3594 | 3613 | rVB8 | 4120    | 9839    | 0.40%  | 0.051% |
| 96  | 12.832 | 3650 | 3652 | 3655 | rBV  | 502     | 350     | 0.01%  | 0.002% |
| 97  | 12.877 | 3657 | 3666 | 3685 | rVV3 | 27846   | 53168   | 2.16%  | 0.276% |
| 98  | 13.495 | 3849 | 3858 | 3875 | rBV2 | 26544   | 53265   | 2.16%  | 0.276% |
| 99  | 13.736 | 3923 | 3933 | 3956 | rBV  | 40032   | 92937   | 3.77%  | 0.482% |
| 100 | 13.980 | 3998 | 4009 | 4036 | rBV2 | 33381   | 75993   | 3.08%  | 0.394% |

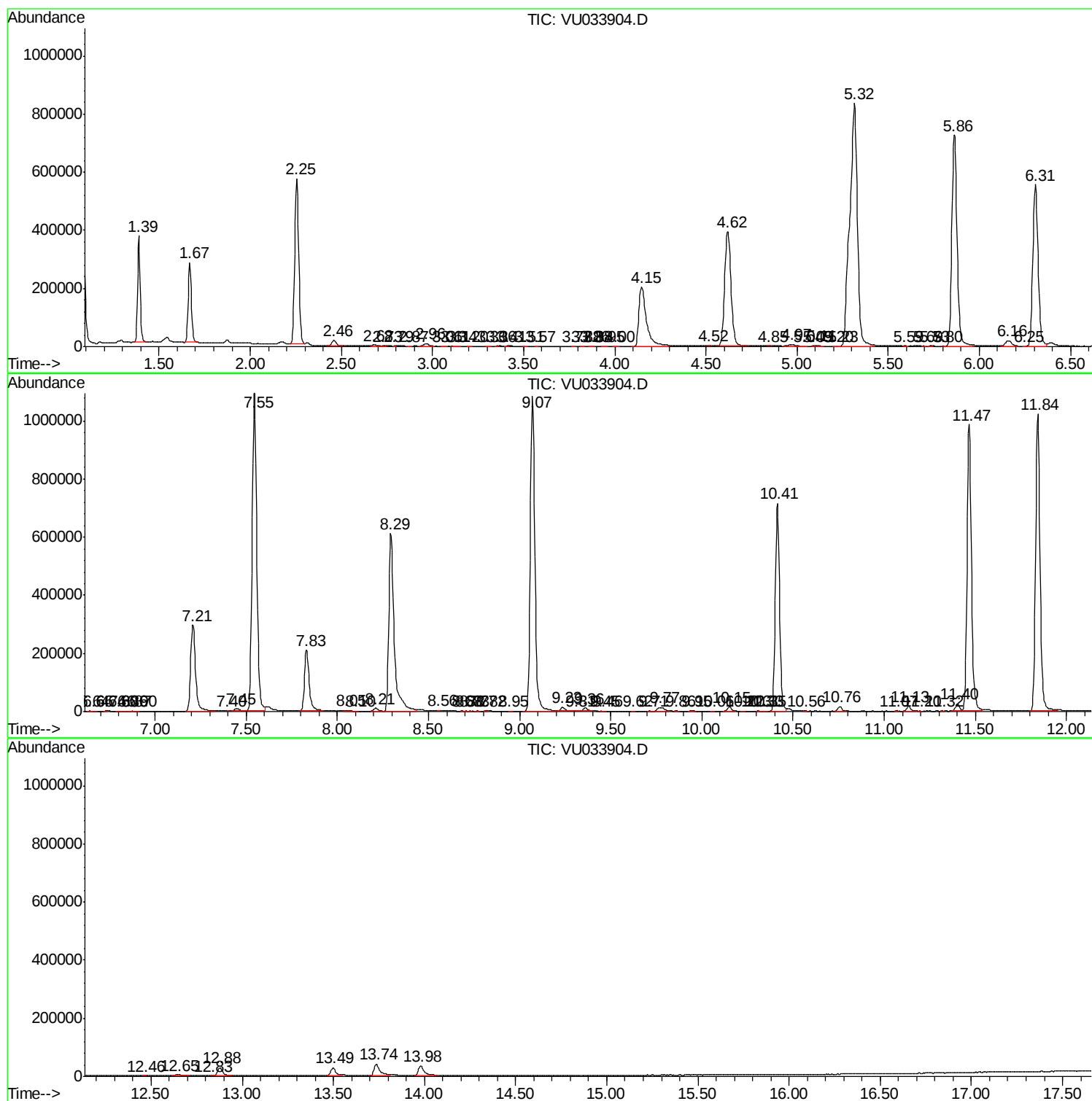
Sum of corrected areas: 19291628

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM082219WMA.M  
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_U\DATA\VU082219\  
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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 |

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