

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_U\DATA\VU030419\  
 Data File : VU029779.D  
 Acq On : 04 Mar 2019 12:39  
 Operator : JC/SP  
 Sample : K1625-06  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VHBLK01

## 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 # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|--------|----------|------------|----------|-----------|-------|-------------|------------|--------------|------------|
| 1      | 1.183    | 24         | 29       | 40        | rBV2  | 7581        | 7449       | 0.48%        | 0.058%     |
| 2      | 1.395    | 88         | 95       | 111       | rBV   | 206287      | 212150     | 13.53%       | 1.656%     |
| 3      | 1.678    | 175        | 183      | 201       | rVB   | 165177      | 209780     | 13.38%       | 1.637%     |
| 4      | 2.270    | 356        | 367      | 381       | rVB   | 358449      | 547842     | 34.95%       | 4.276%     |
| 5      | 2.383    | 397        | 402      | 404       | rBV2  | 795         | 654        | 0.04%        | 0.005%     |
| 6      | 2.476    | 429        | 431      | 434       | rVB2  | 558         | 306        | 0.02%        | 0.002%     |
| 7      | 2.534    | 446        | 449      | 452       | rVB2  | 572         | 335        | 0.02%        | 0.003%     |
| 8      | 2.624    | 473        | 477      | 483       | rBV5  | 582         | 697        | 0.04%        | 0.005%     |
| 9      | 2.653    | 483        | 486      | 489       | rVV   | 552         | 377        | 0.02%        | 0.003%     |
| 10     | 2.701    | 493        | 501      | 512       | rVB4  | 2208        | 3243       | 0.21%        | 0.025%     |
| 11     | 2.804    | 528        | 533      | 534       | rVV2  | 663         | 596        | 0.04%        | 0.005%     |
| 12     | 2.836    | 536        | 543      | 553       | rVV2  | 2639        | 4511       | 0.29%        | 0.035%     |
| 13     | 2.990    | 584        | 591      | 594       | rBV3  | 792         | 955        | 0.06%        | 0.007%     |
| 14     | 3.016    | 594        | 599      | 603       | rVV4  | 571         | 559        | 0.04%        | 0.004%     |
| 15     | 3.083    | 617        | 620      | 623       | rBV   | 371         | 291        | 0.02%        | 0.002%     |
| 16     | 3.170    | 644        | 647      | 653       | rVB3  | 506         | 484        | 0.03%        | 0.004%     |
| 17     | 3.231    | 664        | 666      | 672       | rVB   | 429         | 322        | 0.02%        | 0.003%     |
| 18     | 3.389    | 711        | 715      | 720       | rBV3  | 508         | 519        | 0.03%        | 0.004%     |
| 19     | 3.453    | 731        | 735      | 737       | rBV2  | 547         | 311        | 0.02%        | 0.002%     |
| 20     | 3.572    | 766        | 772      | 778       | rBV3  | 545         | 653        | 0.04%        | 0.005%     |
| 21     | 3.643    | 790        | 794      | 799       | rVB2  | 691         | 669        | 0.04%        | 0.005%     |
| 22     | 3.678    | 799        | 805      | 808       | rBV   | 346         | 413        | 0.03%        | 0.003%     |
| 23     | 3.813    | 843        | 847      | 850       | rVB2  | 659         | 513        | 0.03%        | 0.004%     |
| 24     | 3.884    | 863        | 869      | 876       | rBV2  | 747         | 862        | 0.05%        | 0.007%     |
| 25     | 3.958    | 890        | 892      | 902       | rVB2  | 504         | 565        | 0.04%        | 0.004%     |
| 26     | 4.003    | 902        | 906      | 908       | rBV2  | 422         | 345        | 0.02%        | 0.003%     |
| 27     | 4.022    | 910        | 912      | 920       | rVB   | 307         | 391        | 0.02%        | 0.003%     |
| 28     | 4.173    | 946        | 959      | 990       | rBV   | 148322      | 403049     | 25.71%       | 3.146%     |
| 29     | 4.395    | 1025       | 1028     | 1032      | rBV2  | 451         | 314        | 0.02%        | 0.002%     |
| 30     | 4.424    | 1033       | 1037     | 1043      | rVB4  | 1170        | 989        | 0.06%        | 0.008%     |
| 31     | 4.482    | 1050       | 1055     | 1059      | rVB3  | 832         | 935        | 0.06%        | 0.007%     |
| 32     | 4.508    | 1059       | 1063     | 1065      | rBV2  | 589         | 376        | 0.02%        | 0.003%     |
| 33     | 4.530    | 1065       | 1070     | 1076      | rVB   | 926         | 887        | 0.06%        | 0.007%     |
| 34     | 4.643    | 1084       | 1105     | 1134      | rBV   | 259077      | 626929     | 40.00%       | 4.893%     |

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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

|    |       |      |      |      |      |        |         |         |         |
|----|-------|------|------|------|------|--------|---------|---------|---------|
| 35 | 4.881 | 1173 | 1179 | 1181 | rBV5 | 732    | 763     | 0.05%   | 0.006%  |
| 36 | 4.981 | 1207 | 1210 | 1212 | rBV2 | 601    | 381     | 0.02%   | 0.003%  |
| 37 | 5.125 | 1253 | 1255 | 1257 | rVV2 | 657    | 396     | 0.03%   | 0.003%  |
| 38 | 5.199 | 1274 | 1278 | 1284 | rVB2 | 378    | 323     | 0.02%   | 0.003%  |
| 39 | 5.337 | 1294 | 1321 | 1341 | rBV2 | 541410 | 1567517 | 100.00% | 12.235% |
| 40 | 5.575 | 1392 | 1395 | 1398 | rVB2 | 461    | 291     | 0.02%   | 0.002%  |
| 41 | 5.739 | 1443 | 1446 | 1454 | rVV3 | 772    | 855     | 0.05%   | 0.007%  |
| 42 | 5.775 | 1454 | 1457 | 1460 | rVB  | 599    | 411     | 0.03%   | 0.003%  |
| 43 | 5.797 | 1460 | 1464 | 1466 | rBV  | 399    | 355     | 0.02%   | 0.003%  |
| 44 | 5.884 | 1476 | 1491 | 1512 | rBV  | 493514 | 980303  | 62.54%  | 7.652%  |
| 45 | 6.070 | 1547 | 1549 | 1553 | rVB2 | 504    | 350     | 0.02%   | 0.003%  |
| 46 | 6.093 | 1553 | 1556 | 1561 | rBV  | 638    | 513     | 0.03%   | 0.004%  |
| 47 | 6.183 | 1573 | 1584 | 1592 | rBV8 | 3496   | 7032    | 0.45%   | 0.055%  |
| 48 | 6.328 | 1614 | 1629 | 1658 | rVV  | 341021 | 703623  | 44.89%  | 5.492%  |
| 49 | 6.485 | 1676 | 1678 | 1681 | rVB2 | 982    | 565     | 0.04%   | 0.004%  |
| 50 | 6.553 | 1697 | 1699 | 1703 | rVB2 | 545    | 297     | 0.02%   | 0.002%  |
| 51 | 6.601 | 1711 | 1714 | 1719 | rBV3 | 522    | 404     | 0.03%   | 0.003%  |
| 52 | 6.643 | 1723 | 1727 | 1731 | rVB3 | 460    | 356     | 0.02%   | 0.003%  |
| 53 | 6.717 | 1746 | 1750 | 1751 | rBV  | 553    | 369     | 0.02%   | 0.003%  |
| 54 | 6.775 | 1764 | 1768 | 1769 | rBV  | 444    | 320     | 0.02%   | 0.002%  |
| 55 | 6.865 | 1791 | 1796 | 1799 | rBV3 | 412    | 371     | 0.02%   | 0.003%  |
| 56 | 7.225 | 1896 | 1908 | 1930 | rBV  | 199909 | 364792  | 23.27%  | 2.847%  |
| 57 | 7.382 | 1951 | 1957 | 1960 | rBV3 | 592    | 564     | 0.04%   | 0.004%  |
| 58 | 7.562 | 1999 | 2013 | 2033 | rBV  | 755483 | 1326080 | 84.60%  | 10.350% |
| 59 | 7.794 | 2082 | 2085 | 2089 | rBV2 | 480    | 318     | 0.02%   | 0.002%  |
| 60 | 7.845 | 2090 | 2101 | 2124 | rBV  | 134679 | 241403  | 15.40%  | 1.884%  |
| 61 | 7.926 | 2124 | 2126 | 2130 | rVB3 | 872    | 567     | 0.04%   | 0.004%  |
| 62 | 7.990 | 2143 | 2146 | 2148 | rBV3 | 581    | 367     | 0.02%   | 0.003%  |
| 63 | 8.080 | 2168 | 2174 | 2175 | rBV3 | 790    | 749     | 0.05%   | 0.006%  |
| 64 | 8.132 | 2183 | 2190 | 2192 | rBV2 | 530    | 576     | 0.04%   | 0.004%  |
| 65 | 8.177 | 2194 | 2204 | 2215 | rVB2 | 10273  | 17556   | 1.12%   | 0.137%  |
| 66 | 8.228 | 2215 | 2220 | 2226 | rVB4 | 1589   | 1880    | 0.12%   | 0.015%  |
| 67 | 8.308 | 2234 | 2245 | 2273 | rBV  | 518696 | 920948  | 58.75%  | 7.188%  |
| 68 | 8.556 | 2320 | 2322 | 2328 | rVB5 | 647    | 383     | 0.02%   | 0.003%  |
| 69 | 8.659 | 2351 | 2354 | 2356 | rBV2 | 501    | 299     | 0.02%   | 0.002%  |
| 70 | 8.742 | 2376 | 2380 | 2383 | rBV2 | 330    | 333     | 0.02%   | 0.003%  |
| 71 | 8.852 | 2409 | 2414 | 2420 | rBV2 | 707    | 857     | 0.05%   | 0.007%  |

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 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

|     |        |      |      |      |      |        |         |        |        |
|-----|--------|------|------|------|------|--------|---------|--------|--------|
| 72  | 9.086  | 2474 | 2487 | 2520 | rBV  | 724749 | 1219802 | 77.82% | 9.521% |
| 73  | 9.286  | 2546 | 2549 | 2554 | rBV3 | 429    | 340     | 0.02%  | 0.003% |
| 74  | 9.373  | 2570 | 2576 | 2577 | rBV4 | 763    | 745     | 0.05%  | 0.006% |
| 75  | 9.479  | 2605 | 2609 | 2612 | rVB2 | 709    | 526     | 0.03%  | 0.004% |
| 76  | 9.498  | 2612 | 2615 | 2618 | rBV  | 519    | 304     | 0.02%  | 0.002% |
| 77  | 9.688  | 2671 | 2674 | 2681 | rVB2 | 675    | 653     | 0.04%  | 0.005% |
| 78  | 9.775  | 2697 | 2701 | 2704 | rBV3 | 912    | 815     | 0.05%  | 0.006% |
| 79  | 9.958  | 2755 | 2758 | 2761 | rVB  | 633    | 388     | 0.02%  | 0.003% |
| 80  | 10.038 | 2781 | 2783 | 2787 | rVB3 | 525    | 296     | 0.02%  | 0.002% |
| 81  | 10.102 | 2800 | 2803 | 2805 | rBV2 | 626    | 384     | 0.02%  | 0.003% |
| 82  | 10.160 | 2816 | 2821 | 2828 | rBV4 | 814    | 1144    | 0.07%  | 0.009% |
| 83  | 10.254 | 2846 | 2850 | 2852 | rBV2 | 417    | 305     | 0.02%  | 0.002% |
| 84  | 10.427 | 2889 | 2904 | 2934 | rBV  | 549199 | 894282  | 57.05% | 6.980% |
| 85  | 10.607 | 2949 | 2960 | 2972 | rBV2 | 15556  | 25746   | 1.64%  | 0.201% |
| 86  | 10.865 | 3038 | 3040 | 3045 | rVB2 | 575    | 401     | 0.03%  | 0.003% |
| 87  | 11.045 | 3092 | 3096 | 3100 | rVB2 | 409    | 338     | 0.02%  | 0.003% |
| 88  | 11.395 | 3202 | 3205 | 3208 | rBV2 | 513    | 383     | 0.02%  | 0.003% |
| 89  | 11.414 | 3209 | 3211 | 3214 | rBV3 | 556    | 390     | 0.02%  | 0.003% |
| 90  | 11.482 | 3219 | 3232 | 3256 | rBV  | 748941 | 1209917 | 77.19% | 9.444% |
| 91  | 11.858 | 3335 | 3349 | 3373 | rBV  | 769073 | 1266089 | 80.77% | 9.882% |
| 92  | 12.270 | 3473 | 3477 | 3480 | rBV3 | 483    | 376     | 0.02%  | 0.003% |
| 93  | 12.479 | 3536 | 3542 | 3555 | rVB2 | 6263   | 9759    | 0.62%  | 0.076% |
| 94  | 12.530 | 3555 | 3558 | 3561 | rBV2 | 391    | 293     | 0.02%  | 0.002% |
| 95  | 12.813 | 3641 | 3646 | 3653 | rBV2 | 789    | 1216    | 0.08%  | 0.009% |
| 96  | 13.038 | 3713 | 3716 | 3719 | rBV  | 505    | 362     | 0.02%  | 0.003% |
| 97  | 13.067 | 3719 | 3725 | 3729 | rVV3 | 704    | 898     | 0.06%  | 0.007% |
| 98  | 13.376 | 3818 | 3821 | 3826 | rBV  | 607    | 580     | 0.04%  | 0.005% |
| 99  | 13.916 | 3987 | 3989 | 3992 | rBV  | 519    | 312     | 0.02%  | 0.002% |
| 100 | 14.279 | 4096 | 4102 | 4105 | rBV5 | 1777   | 1975    | 0.13%  | 0.015% |

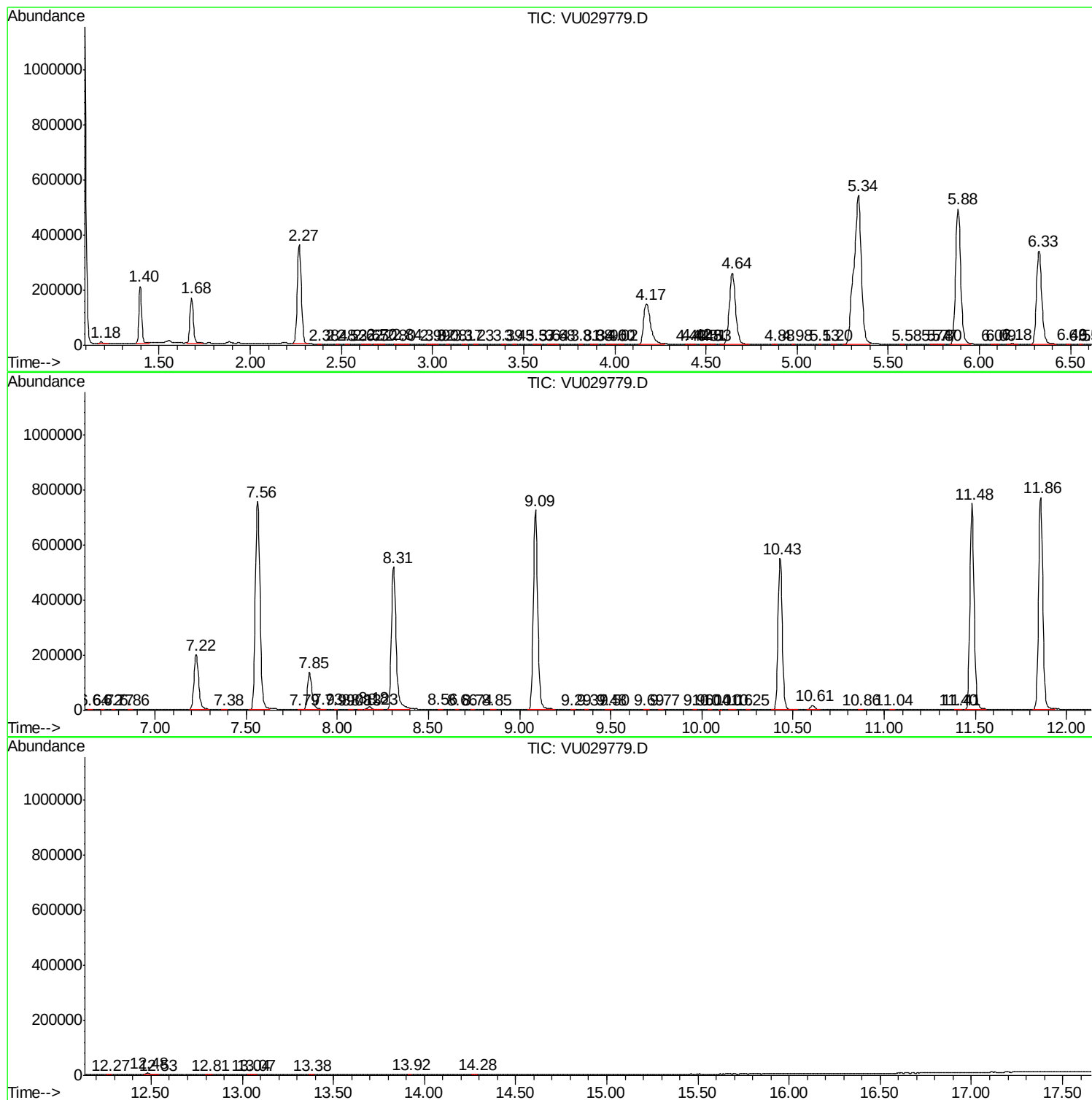
Sum of corrected areas: 12811757

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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\VU030419\  
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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          |