

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU102623\  
 Data File : VU055896.D  
 Acq On : 26 Oct 2023 11:06  
 Operator : MD/SY  
 Sample : 04922-05  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VHBLK001

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM101023WMA.M

Title : VOC Analysis

Signal : TIC: VU055896.D\data.ms

| 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         | 1.599       | 88            | 96          | 114          | rVB      | 282560         | 327483        | 14.05%          | 1.853%        |
| 2         | 1.888       | 178           | 186         | 203          | rVB      | 194636         | 289699        | 12.43%          | 1.639%        |
| 3         | 2.496       | 371           | 375         | 378          | rBV3     | 462            | 406           | 0.02%           | 0.002%        |
| 4         | 2.560       | 381           | 395         | 418          | rBV      | 472604         | 779071        | 33.42%          | 4.407%        |
| 5         | 2.679       | 427           | 432         | 437          | rBV5     | 1394           | 1758          | 0.08%           | 0.010%        |
| 6         | 2.724       | 444           | 446         | 450          | rBV3     | 537            | 371           | 0.02%           | 0.002%        |
| 7         | 2.766       | 456           | 459         | 460          | rBV3     | 1211           | 670           | 0.03%           | 0.004%        |
| 8         | 2.788       | 461           | 466         | 473          | rVB4     | 2971           | 3770          | 0.16%           | 0.021%        |
| 9         | 2.875       | 490           | 493         | 495          | rBV2     | 494            | 298           | 0.01%           | 0.002%        |
| 10        | 2.914       | 502           | 505         | 507          | rVB2     | 525            | 309           | 0.01%           | 0.002%        |
| 11        | 3.039       | 535           | 544         | 555          | rBV6     | 4939           | 10368         | 0.44%           | 0.059%        |
| 12        | 3.177       | 574           | 587         | 600          | rVV2     | 5742           | 13126         | 0.56%           | 0.074%        |
| 13        | 3.229       | 600           | 603         | 606          | rVB      | 614            | 452           | 0.02%           | 0.003%        |
| 14        | 3.348       | 636           | 640         | 644          | rBV5     | 894            | 920           | 0.04%           | 0.005%        |
| 15        | 3.547       | 699           | 702         | 706          | rVB2     | 398            | 368           | 0.02%           | 0.002%        |
| 16        | 3.589       | 706           | 715         | 718          | rBV2     | 305            | 422           | 0.02%           | 0.002%        |
| 17        | 3.714       | 752           | 754         | 757          | rBV2     | 443            | 288           | 0.01%           | 0.002%        |
| 18        | 3.788       | 773           | 777         | 781          | rVB2     | 394            | 371           | 0.02%           | 0.002%        |
| 19        | 3.808       | 781           | 783         | 785          | rBV2     | 620            | 312           | 0.01%           | 0.002%        |
| 20        | 3.949       | 823           | 827         | 831          | rVB2     | 449            | 364           | 0.02%           | 0.002%        |
| 21        | 3.988       | 836           | 839         | 846          | rVB2     | 534            | 469           | 0.02%           | 0.003%        |
| 22        | 4.071       | 861           | 865         | 868          | rBV2     | 393            | 336           | 0.01%           | 0.002%        |
| 23        | 4.615       | 1020          | 1034        | 1071         | rBV      | 176278         | 465423        | 19.97%          | 2.633%        |
| 24        | 4.952       | 1135          | 1139        | 1141         | rBV2     | 487            | 396           | 0.02%           | 0.002%        |
| 25        | 5.058       | 1154          | 1172        | 1197         | rBV      | 394812         | 907318        | 38.93%          | 5.133%        |
| 26        | 5.332       | 1244          | 1257        | 1270         | rVV3     | 4667           | 10153         | 0.44%           | 0.057%        |
| 27        | 5.444       | 1289          | 1292        | 1295         | rVV      | 426            | 305           | 0.01%           | 0.002%        |
| 28        | 5.509       | 1309          | 1312        | 1316         | rBV2     | 627            | 503           | 0.02%           | 0.003%        |
| 29        | 5.531       | 1316          | 1319        | 1325         | rVB2     | 499            | 444           | 0.02%           | 0.003%        |
| 30        | 5.721       | 1356          | 1378        | 1409         | rBV2     | 844952         | 2330846       | 100.00%         | 13.186%       |
| 31        | 5.936       | 1443          | 1445        | 1450         | rVB3     | 636            | 376           | 0.02%           | 0.002%        |
| 32        | 5.975       | 1450          | 1457        | 1459         | rBV4     | 997            | 1080          | 0.05%           | 0.006%        |
| 33        | 6.055       | 1480          | 1482        | 1488         | rVB3     | 846            | 697           | 0.03%           | 0.004%        |
| 34        | 6.091       | 1488          | 1493        | 1494         | rBV2     | 359            | 298           | 0.01%           | 0.002%        |
| 35        | 6.174       | 1517          | 1519        | 1524         | rVB2     | 428            | 285           | 0.01%           | 0.002%        |
| 36        | 6.245       | 1527          | 1541        | 1569         | rBV      | 605318         | 1177742       | 50.53%          | 6.663%        |

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Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM101023WMA.M  
 Title : VOC Analysis

|    |        |      |      |      |      |         |         |        |         |
|----|--------|------|------|------|------|---------|---------|--------|---------|
| 37 | 6.425  | 1595 | 1597 | 1601 | rBV  | 434     | 303     | 0.01%  | 0.002%  |
| 38 | 6.470  | 1605 | 1611 | 1615 | rBV3 | 636     | 771     | 0.03%  | 0.004%  |
| 39 | 6.528  | 1620 | 1629 | 1640 | rVB9 | 4410    | 9216    | 0.40%  | 0.052%  |
| 40 | 6.595  | 1642 | 1650 | 1661 | rBV7 | 1335    | 2521    | 0.11%  | 0.014%  |
| 41 | 6.685  | 1664 | 1678 | 1702 | rBV  | 515612  | 1029602 | 44.17% | 5.825%  |
| 42 | 6.853  | 1727 | 1730 | 1737 | rVB3 | 1426    | 1350    | 0.06%  | 0.008%  |
| 43 | 6.917  | 1748 | 1750 | 1754 | rVB2 | 419     | 308     | 0.01%  | 0.002%  |
| 44 | 7.129  | 1813 | 1816 | 1820 | rBV2 | 379     | 324     | 0.01%  | 0.002%  |
| 45 | 7.184  | 1820 | 1833 | 1836 | rBV6 | 5974    | 8555    | 0.37%  | 0.048%  |
| 46 | 7.415  | 1898 | 1905 | 1907 | rBV3 | 571     | 551     | 0.02%  | 0.003%  |
| 47 | 7.505  | 1930 | 1933 | 1937 | rBV2 | 608     | 512     | 0.02%  | 0.003%  |
| 48 | 7.560  | 1937 | 1950 | 1978 | rVV  | 287460  | 518616  | 22.25% | 2.934%  |
| 49 | 7.656  | 1978 | 1980 | 1983 | rVB2 | 765     | 366     | 0.02%  | 0.002%  |
| 50 | 7.672  | 1983 | 1985 | 1987 | rBV3 | 723     | 424     | 0.02%  | 0.002%  |
| 51 | 7.798  | 2016 | 2024 | 2026 | rBV5 | 1562    | 1835    | 0.08%  | 0.010%  |
| 52 | 7.894  | 2039 | 2054 | 2074 | rBV  | 1039538 | 1830851 | 78.55% | 10.358% |
| 53 | 8.090  | 2111 | 2115 | 2120 | rVB3 | 764     | 805     | 0.03%  | 0.005%  |
| 54 | 8.123  | 2123 | 2125 | 2128 | rBV3 | 496     | 355     | 0.02%  | 0.002%  |
| 55 | 8.177  | 2130 | 2142 | 2157 | rBV  | 203925  | 349730  | 15.00% | 1.979%  |
| 56 | 8.309  | 2180 | 2183 | 2188 | rVB4 | 727     | 473     | 0.02%  | 0.003%  |
| 57 | 8.380  | 2200 | 2205 | 2209 | rBV2 | 611     | 681     | 0.03%  | 0.004%  |
| 58 | 8.399  | 2209 | 2211 | 2214 | rVB2 | 770     | 386     | 0.02%  | 0.002%  |
| 59 | 8.467  | 2223 | 2232 | 2238 | rBV5 | 2575    | 4456    | 0.19%  | 0.025%  |
| 60 | 8.631  | 2272 | 2283 | 2330 | rBV  | 675902  | 1316405 | 56.48% | 7.447%  |
| 61 | 8.968  | 2385 | 2388 | 2391 | rBV4 | 526     | 380     | 0.02%  | 0.002%  |
| 62 | 9.107  | 2427 | 2431 | 2434 | rBV  | 430     | 323     | 0.01%  | 0.002%  |
| 63 | 9.335  | 2497 | 2502 | 2510 | rBV4 | 825     | 988     | 0.04%  | 0.006%  |
| 64 | 9.415  | 2514 | 2527 | 2563 | rBV  | 887244  | 1527357 | 65.53% | 8.641%  |
| 65 | 9.570  | 2571 | 2575 | 2583 | rVB6 | 1826    | 2619    | 0.11%  | 0.015%  |
| 66 | 9.647  | 2595 | 2599 | 2603 | rBV3 | 452     | 353     | 0.02%  | 0.002%  |
| 67 | 9.685  | 2608 | 2611 | 2613 | rVV  | 683     | 438     | 0.02%  | 0.002%  |
| 68 | 9.701  | 2613 | 2616 | 2622 | rVB5 | 1188    | 1274    | 0.05%  | 0.007%  |
| 69 | 9.762  | 2632 | 2635 | 2640 | rBV3 | 566     | 461     | 0.02%  | 0.003%  |
| 70 | 9.875  | 2664 | 2670 | 2673 | rBV2 | 301     | 321     | 0.01%  | 0.002%  |
| 71 | 10.103 | 2735 | 2741 | 2747 | rBV4 | 855     | 1260    | 0.05%  | 0.007%  |
| 72 | 10.197 | 2762 | 2770 | 2776 | rBV5 | 783     | 1177    | 0.05%  | 0.007%  |
| 73 | 10.245 | 2780 | 2785 | 2788 | rBV2 | 484     | 368     | 0.02%  | 0.002%  |
| 74 | 10.479 | 2854 | 2858 | 2859 | rBV2 | 626     | 385     | 0.02%  | 0.002%  |
| 75 | 10.489 | 2859 | 2861 | 2865 | rVB4 | 674     | 468     | 0.02%  | 0.003%  |
| 76 | 10.753 | 2930 | 2943 | 2962 | rBV  | 827834  | 1355552 | 58.16% | 7.669%  |

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Integration Parameters: LSCINT.P

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Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM101023WMA.M  
 Title : VOC Analysis

|     |        |      |      |      |      |         |         |        |         |
|-----|--------|------|------|------|------|---------|---------|--------|---------|
| 77  | 10.901 | 2987 | 2989 | 2994 | rVB4 | 1085    | 841     | 0.04%  | 0.005%  |
| 78  | 11.045 | 3029 | 3034 | 3040 | rBV2 | 525     | 657     | 0.03%  | 0.004%  |
| 79  | 11.087 | 3043 | 3047 | 3048 | rBV  | 710     | 480     | 0.02%  | 0.003%  |
| 80  | 11.251 | 3095 | 3098 | 3102 | rVV2 | 405     | 297     | 0.01%  | 0.002%  |
| 81  | 11.412 | 3144 | 3148 | 3153 | rVB5 | 1155    | 1020    | 0.04%  | 0.006%  |
| 82  | 11.476 | 3163 | 3168 | 3173 | rBV6 | 1137    | 1352    | 0.06%  | 0.008%  |
| 83  | 11.708 | 3236 | 3240 | 3243 | rBV2 | 678     | 526     | 0.02%  | 0.003%  |
| 84  | 11.737 | 3246 | 3249 | 3250 | rBV4 | 749     | 444     | 0.02%  | 0.003%  |
| 85  | 11.811 | 3259 | 3272 | 3293 | rBV  | 945612  | 1565874 | 67.18% | 8.859%  |
| 86  | 11.991 | 3325 | 3328 | 3334 | rVB3 | 798     | 803     | 0.03%  | 0.005%  |
| 87  | 12.190 | 3376 | 3390 | 3415 | rBV  | 1083069 | 1794867 | 77.00% | 10.154% |
| 88  | 12.370 | 3444 | 3446 | 3449 | rVB3 | 778     | 356     | 0.02%  | 0.002%  |
| 89  | 12.647 | 3528 | 3532 | 3535 | rVB3 | 498     | 353     | 0.02%  | 0.002%  |
| 90  | 12.676 | 3535 | 3541 | 3544 | rBV3 | 511     | 575     | 0.02%  | 0.003%  |
| 91  | 12.714 | 3550 | 3553 | 3556 | rBV  | 395     | 296     | 0.01%  | 0.002%  |
| 92  | 12.753 | 3561 | 3565 | 3567 | rBV2 | 599     | 436     | 0.02%  | 0.002%  |
| 93  | 12.878 | 3602 | 3604 | 3606 | rBV  | 516     | 285     | 0.01%  | 0.002%  |
| 94  | 13.212 | 3704 | 3708 | 3709 | rBV2 | 683     | 430     | 0.02%  | 0.002%  |
| 95  | 13.293 | 3731 | 3733 | 3737 | rBV2 | 483     | 322     | 0.01%  | 0.002%  |
| 96  | 13.470 | 3785 | 3788 | 3792 | rBV2 | 408     | 364     | 0.02%  | 0.002%  |
| 97  | 13.634 | 3836 | 3839 | 3842 | rBV  | 859     | 757     | 0.03%  | 0.004%  |
| 98  | 13.859 | 3902 | 3909 | 3911 | rBV5 | 2019    | 2048    | 0.09%  | 0.012%  |
| 99  | 13.917 | 3925 | 3927 | 3932 | rBV3 | 669     | 556     | 0.02%  | 0.003%  |
| 100 | 14.338 | 4055 | 4058 | 4065 | rVB7 | 1637    | 1528    | 0.07%  | 0.009%  |

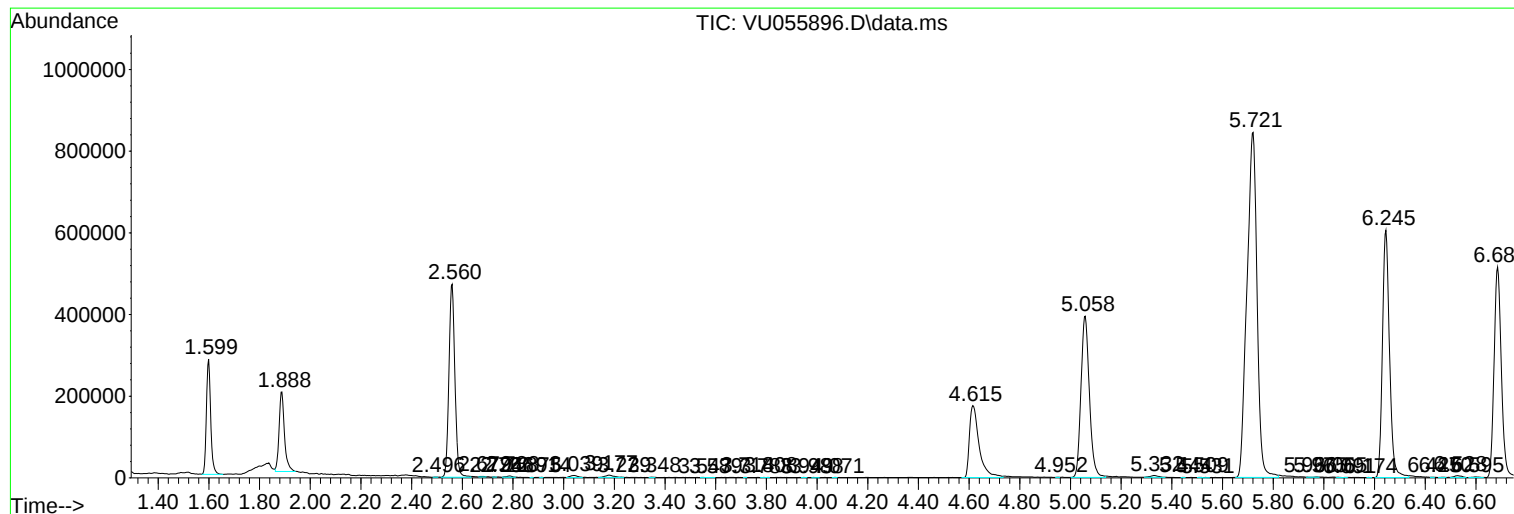
Sum of corrected areas: 17676084

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM101023WMA.M  
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P



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No Library Search Compounds Detected

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| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
|------------------|----|---------|-------|----------|---|----|------|------|
|------------------|----|---------|-------|----------|---|----|------|------|