

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061019\  
 Data File : VU032569.D  
 Acq On : 10 Jun 2019 16:28  
 Operator : JC/SP  
 Sample : VU0610WBL02  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VBLK55

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\SOMULM060619WMA.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         | 1.180       | 24            | 28          | 33           | rVB2     | 3967           | 3397          | 0.48%           | 0.059%        |
| 2         | 1.395       | 88            | 95          | 105          | rVB      | 102302         | 104121        | 14.71%          | 1.801%        |
| 3         | 1.675       | 174           | 182         | 196          | rBV      | 78654          | 98040         | 13.85%          | 1.696%        |
| 4         | 2.267       | 355           | 366         | 380          | rVB      | 169370         | 253639        | 35.83%          | 4.388%        |
| 5         | 2.357       | 392           | 394         | 396          | rVB      | 407            | 165           | 0.02%           | 0.003%        |
| 6         | 2.440       | 412           | 420         | 424          | rBV4     | 872            | 1254          | 0.18%           | 0.022%        |
| 7         | 2.833       | 529           | 542         | 556          | rBV2     | 6511           | 12939         | 1.83%           | 0.224%        |
| 8         | 2.990       | 588           | 591         | 593          | rBV2     | 282            | 176           | 0.02%           | 0.003%        |
| 9         | 3.071       | 613           | 616         | 623          | rVB2     | 265            | 356           | 0.05%           | 0.006%        |
| 10        | 3.103       | 623           | 626         | 630          | rBV2     | 243            | 186           | 0.03%           | 0.003%        |
| 11        | 3.125       | 630           | 633         | 636          | rBV2     | 224            | 145           | 0.02%           | 0.003%        |
| 12        | 3.167       | 643           | 646         | 650          | rVB      | 293            | 184           | 0.03%           | 0.003%        |
| 13        | 3.270       | 674           | 678         | 682          | rBV      | 186            | 149           | 0.02%           | 0.003%        |
| 14        | 3.591       | 774           | 778         | 781          | rBV2     | 219            | 169           | 0.02%           | 0.003%        |
| 15        | 3.653       | 793           | 797         | 799          | rBV2     | 202            | 164           | 0.02%           | 0.003%        |
| 16        | 3.746       | 823           | 826         | 828          | rBV      | 215            | 144           | 0.02%           | 0.002%        |
| 17        | 3.881       | 864           | 868         | 872          | rBV2     | 213            | 200           | 0.03%           | 0.003%        |
| 18        | 3.913       | 872           | 878         | 882          | rBV2     | 162            | 158           | 0.02%           | 0.003%        |
| 19        | 4.035       | 913           | 916         | 921          | rVB2     | 193            | 165           | 0.02%           | 0.003%        |
| 20        | 4.167       | 938           | 957         | 996          | rBV      | 69923          | 195976        | 27.68%          | 3.391%        |
| 21        | 4.463       | 1045          | 1049        | 1056         | rVB3     | 328            | 384           | 0.05%           | 0.007%        |
| 22        | 4.534       | 1067          | 1071        | 1081         | rBV3     | 230            | 369           | 0.05%           | 0.006%        |
| 23        | 4.640       | 1088          | 1104        | 1129         | rBV      | 118337         | 276998        | 39.13%          | 4.792%        |
| 24        | 4.781       | 1144          | 1148        | 1151         | rBV2     | 333            | 280           | 0.04%           | 0.005%        |
| 25        | 4.858       | 1166          | 1172        | 1175         | rBV2     | 331            | 265           | 0.04%           | 0.005%        |
| 26        | 4.881       | 1175          | 1179        | 1181         | rBV3     | 285            | 237           | 0.03%           | 0.004%        |
| 27        | 5.070       | 1234          | 1238        | 1242         | rBV2     | 176            | 153           | 0.02%           | 0.003%        |
| 28        | 5.206       | 1277          | 1280        | 1285         | rBV      | 209            | 164           | 0.02%           | 0.003%        |
| 29        | 5.238       | 1285          | 1290        | 1297         | rVB2     | 176            | 181           | 0.03%           | 0.003%        |
| 30        | 5.334       | 1297          | 1320        | 1346         | rBV2     | 242833         | 707894        | 100.00%         | 12.247%       |
| 31        | 5.620       | 1406          | 1409        | 1411         | rBV2     | 238            | 181           | 0.03%           | 0.003%        |
| 32        | 5.701       | 1428          | 1434        | 1437         | rBV3     | 275            | 238           | 0.03%           | 0.004%        |
| 33        | 5.733       | 1440          | 1444        | 1446         | rBV      | 438            | 351           | 0.05%           | 0.006%        |
| 34        | 5.778       | 1456          | 1458        | 1462         | rVB2     | 267            | 152           | 0.02%           | 0.003%        |

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Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM060619WMA.M  
 Title : VOC Analysis

|    |       |      |      |      |      |        |        |        |         |
|----|-------|------|------|------|------|--------|--------|--------|---------|
| 35 | 5.807 | 1462 | 1467 | 1470 | rBV3 | 343    | 341    | 0.05%  | 0.006%  |
| 36 | 5.881 | 1476 | 1490 | 1514 | rBV  | 230392 | 453648 | 64.08% | 7.849%  |
| 37 | 6.003 | 1525 | 1528 | 1533 | rVB3 | 364    | 323    | 0.05%  | 0.006%  |
| 38 | 6.109 | 1558 | 1561 | 1566 | rVB2 | 206    | 177    | 0.03%  | 0.003%  |
| 39 | 6.173 | 1570 | 1581 | 1596 | rVB6 | 6436   | 13602  | 1.92%  | 0.235%  |
| 40 | 6.324 | 1614 | 1628 | 1652 | rBV  | 158608 | 313605 | 44.30% | 5.426%  |
| 41 | 6.463 | 1667 | 1671 | 1678 | rVB3 | 522    | 627    | 0.09%  | 0.011%  |
| 42 | 6.935 | 1814 | 1818 | 1823 | rVB2 | 247    | 240    | 0.03%  | 0.004%  |
| 43 | 6.961 | 1823 | 1826 | 1832 | rVB2 | 204    | 187    | 0.03%  | 0.003%  |
| 44 | 6.990 | 1832 | 1835 | 1836 | rBV  | 278    | 159    | 0.02%  | 0.003%  |
| 45 | 7.083 | 1859 | 1864 | 1866 | rBV2 | 176    | 177    | 0.03%  | 0.003%  |
| 46 | 7.103 | 1866 | 1870 | 1877 | rVB2 | 161    | 225    | 0.03%  | 0.004%  |
| 47 | 7.225 | 1897 | 1908 | 1930 | rBV2 | 92064  | 168843 | 23.85% | 2.921%  |
| 48 | 7.466 | 1976 | 1983 | 1991 | rBV3 | 1056   | 1354   | 0.19%  | 0.023%  |
| 49 | 7.559 | 1999 | 2012 | 2032 | rBV  | 331137 | 580379 | 81.99% | 10.041% |
| 50 | 7.845 | 2090 | 2101 | 2120 | rBV  | 63720  | 110985 | 15.68% | 1.920%  |
| 51 | 7.987 | 2141 | 2145 | 2148 | rBV3 | 207    | 182    | 0.03%  | 0.003%  |
| 52 | 8.048 | 2158 | 2164 | 2167 | rBV  | 207    | 165    | 0.02%  | 0.003%  |
| 53 | 8.090 | 2175 | 2177 | 2183 | rVB2 | 275    | 198    | 0.03%  | 0.003%  |
| 54 | 8.119 | 2183 | 2186 | 2189 | rBV  | 266    | 194    | 0.03%  | 0.003%  |
| 55 | 8.167 | 2196 | 2201 | 2204 | rBV2 | 211    | 212    | 0.03%  | 0.004%  |
| 56 | 8.183 | 2204 | 2206 | 2214 | rVB2 | 181    | 185    | 0.03%  | 0.003%  |
| 57 | 8.225 | 2215 | 2219 | 2230 | rVB2 | 178    | 300    | 0.04%  | 0.005%  |
| 58 | 8.305 | 2234 | 2244 | 2285 | rBV  | 199838 | 383549 | 54.18% | 6.636%  |
| 59 | 8.530 | 2312 | 2314 | 2317 | rVB2 | 356    | 189    | 0.03%  | 0.003%  |
| 60 | 8.546 | 2317 | 2319 | 2325 | rVB3 | 255    | 228    | 0.03%  | 0.004%  |
| 61 | 8.617 | 2335 | 2341 | 2342 | rBV3 | 480    | 447    | 0.06%  | 0.008%  |
| 62 | 8.752 | 2376 | 2383 | 2387 | rBV2 | 288    | 253    | 0.04%  | 0.004%  |
| 63 | 9.083 | 2474 | 2486 | 2519 | rBV  | 329672 | 564440 | 79.74% | 9.765%  |
| 64 | 9.254 | 2533 | 2539 | 2545 | rBV2 | 611    | 841    | 0.12%  | 0.015%  |
| 65 | 9.373 | 2572 | 2576 | 2579 | rBV  | 504    | 510    | 0.07%  | 0.009%  |
| 66 | 9.456 | 2598 | 2602 | 2607 | rBV2 | 167    | 193    | 0.03%  | 0.003%  |
| 67 | 9.611 | 2646 | 2650 | 2652 | rBV  | 261    | 219    | 0.03%  | 0.004%  |
| 68 | 9.652 | 2657 | 2663 | 2666 | rBV  | 230    | 259    | 0.04%  | 0.004%  |
| 69 | 9.787 | 2699 | 2705 | 2706 | rBV2 | 326    | 310    | 0.04%  | 0.005%  |
| 70 | 9.871 | 2727 | 2731 | 2737 | rBV2 | 227    | 230    | 0.03%  | 0.004%  |
| 71 | 9.983 | 2762 | 2766 | 2772 | rVB2 | 187    | 165    | 0.02%  | 0.003%  |

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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\SOMULM060619WMA.M  
 Title : VOC Analysis

|     |        |      |      |      |      |        |        |        |         |
|-----|--------|------|------|------|------|--------|--------|--------|---------|
| 72  | 10.016 | 2773 | 2776 | 2781 | rBV2 | 150    | 144    | 0.02%  | 0.002%  |
| 73  | 10.167 | 2816 | 2823 | 2829 | rBV3 | 844    | 1042   | 0.15%  | 0.018%  |
| 74  | 10.427 | 2891 | 2904 | 2931 | rBV  | 222993 | 358925 | 50.70% | 6.210%  |
| 75  | 10.569 | 2943 | 2948 | 2952 | rVB2 | 238    | 243    | 0.03%  | 0.004%  |
| 76  | 10.607 | 2956 | 2960 | 2965 | rVB  | 340    | 333    | 0.05%  | 0.006%  |
| 77  | 10.826 | 3024 | 3028 | 3035 | rVB  | 215    | 210    | 0.03%  | 0.004%  |
| 78  | 10.864 | 3036 | 3040 | 3043 | rBV  | 209    | 162    | 0.02%  | 0.003%  |
| 79  | 10.977 | 3069 | 3075 | 3078 | rBV2 | 217    | 239    | 0.03%  | 0.004%  |
| 80  | 11.028 | 3083 | 3091 | 3092 | rBV2 | 272    | 291    | 0.04%  | 0.005%  |
| 81  | 11.299 | 3172 | 3175 | 3179 | rVB2 | 202    | 162    | 0.02%  | 0.003%  |
| 82  | 11.427 | 3206 | 3215 | 3219 | rBV5 | 1745   | 2763   | 0.39%  | 0.048%  |
| 83  | 11.479 | 3219 | 3231 | 3256 | rVV  | 360915 | 585521 | 82.71% | 10.130% |
| 84  | 11.636 | 3278 | 3280 | 3283 | rVB3 | 744    | 395    | 0.06%  | 0.007%  |
| 85  | 11.855 | 3335 | 3348 | 3374 | rBV  | 331248 | 556315 | 78.59% | 9.625%  |
| 86  | 12.279 | 3474 | 3480 | 3483 | rBV2 | 199    | 229    | 0.03%  | 0.004%  |
| 87  | 12.469 | 3535 | 3539 | 3540 | rBV2 | 405    | 279    | 0.04%  | 0.005%  |
| 88  | 12.900 | 3666 | 3673 | 3683 | rBV3 | 1856   | 3183   | 0.45%  | 0.055%  |
| 89  | 12.993 | 3699 | 3702 | 3705 | rBV2 | 319    | 178    | 0.03%  | 0.003%  |
| 90  | 13.151 | 3748 | 3751 | 3755 | rBV2 | 271    | 172    | 0.02%  | 0.003%  |
| 91  | 13.311 | 3794 | 3801 | 3802 | rBV2 | 227    | 204    | 0.03%  | 0.004%  |
| 92  | 13.398 | 3821 | 3828 | 3833 | rBV2 | 379    | 469    | 0.07%  | 0.008%  |
| 93  | 13.485 | 3852 | 3855 | 3857 | rBV2 | 272    | 158    | 0.02%  | 0.003%  |
| 94  | 13.524 | 3860 | 3867 | 3871 | rBV4 | 1426   | 1923   | 0.27%  | 0.033%  |
| 95  | 13.771 | 3933 | 3944 | 3950 | rBV4 | 2135   | 4707   | 0.66%  | 0.081%  |
| 96  | 14.003 | 4006 | 4016 | 4017 | rBV3 | 1899   | 2522   | 0.36%  | 0.044%  |
| 97  | 14.112 | 4046 | 4050 | 4054 | rBV2 | 300    | 288    | 0.04%  | 0.005%  |
| 98  | 14.186 | 4067 | 4073 | 4076 | rBV3 | 429    | 482    | 0.07%  | 0.008%  |
| 99  | 14.205 | 4076 | 4079 | 4085 | rVB2 | 376    | 394    | 0.06%  | 0.007%  |
| 100 | 14.263 | 4094 | 4097 | 4101 | rBV2 | 413    | 348    | 0.05%  | 0.006%  |

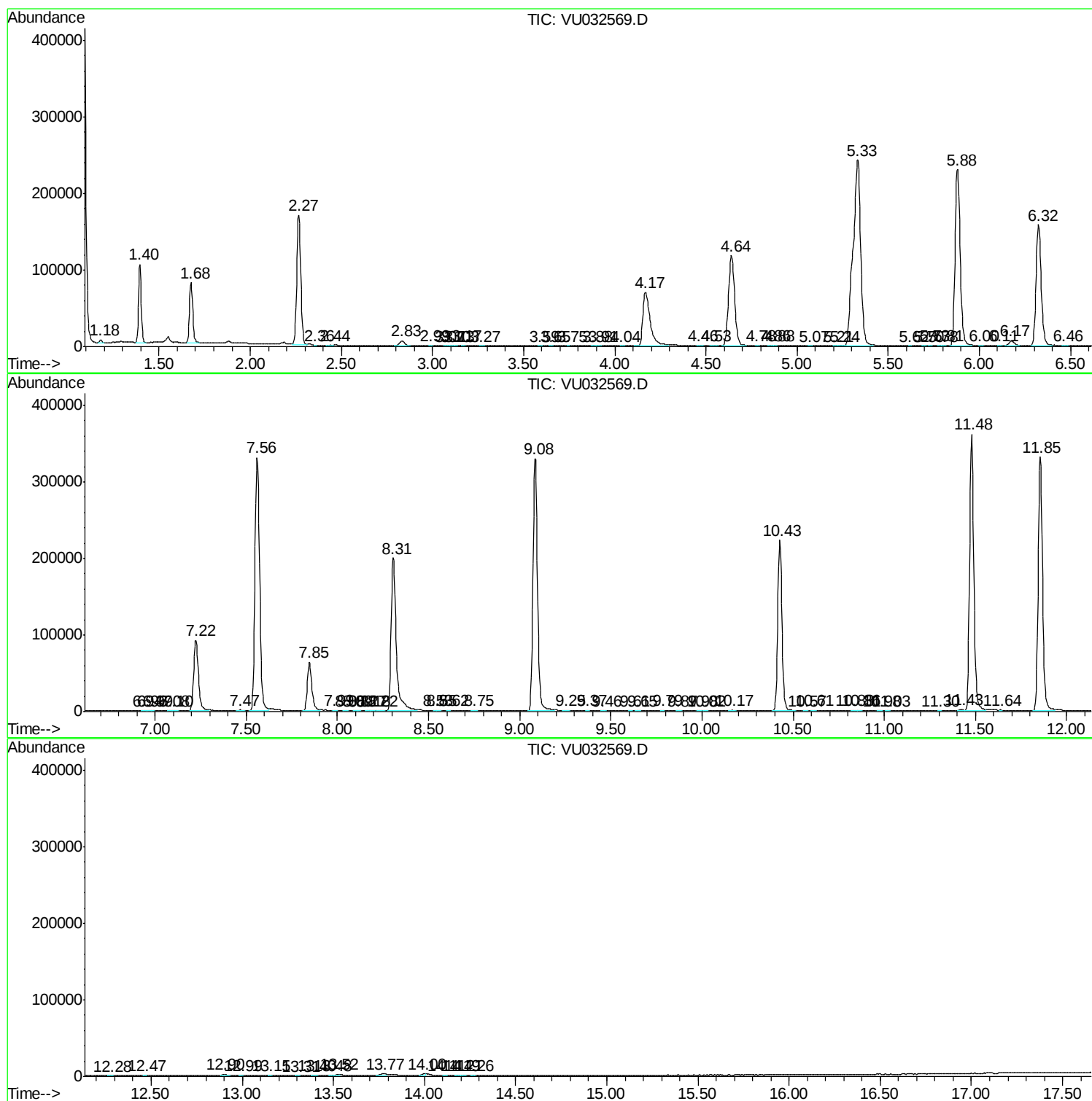
Sum of corrected areas: 5779996

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM060619WMA.M  
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_U\DATA\VU061019\  
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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          |