

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032519\  
 Data File : VU030407.D  
 Acq On : 25 Mar 2019 17:08  
 Operator : JC/SP  
 Sample : K2048-15  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VHBLK02

## 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\SOMULM032319WMA.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          | 42           | rVB2     | 16924          | 18216         | 0.96%           | 0.127%        |
| 2         | 1.399       | 88            | 96          | 112          | rBV      | 308727         | 314808        | 16.63%          | 2.200%        |
| 3         | 1.666       | 172           | 179         | 188          | rBV      | 215241         | 260911        | 13.78%          | 1.824%        |
| 4         | 2.267       | 356           | 366         | 379          | rBV      | 443384         | 667223        | 35.25%          | 4.664%        |
| 5         | 2.530       | 444           | 448         | 451          | rBV2     | 1816           | 1347          | 0.07%           | 0.009%        |
| 6         | 2.550       | 451           | 454         | 459          | rBV      | 1444           | 1515          | 0.08%           | 0.011%        |
| 7         | 2.694       | 490           | 499         | 510          | rVB4     | 3718           | 7850          | 0.41%           | 0.055%        |
| 8         | 2.791       | 526           | 529         | 534          | rVB2     | 1546           | 1451          | 0.08%           | 0.010%        |
| 9         | 2.836       | 534           | 543         | 546          | rBV      | 1869           | 3050          | 0.16%           | 0.021%        |
| 10        | 2.865       | 546           | 552         | 555          | rVB      | 2008           | 2085          | 0.11%           | 0.015%        |
| 11        | 2.903       | 561           | 564         | 567          | rBV2     | 2006           | 1598          | 0.08%           | 0.011%        |
| 12        | 3.026       | 597           | 602         | 605          | rBV      | 1529           | 1620          | 0.09%           | 0.011%        |
| 13        | 3.061       | 610           | 613         | 616          | rVB      | 1764           | 1248          | 0.07%           | 0.009%        |
| 14        | 3.170       | 644           | 647         | 650          | rBV      | 1513           | 1231          | 0.07%           | 0.009%        |
| 15        | 3.289       | 682           | 684         | 687          | rVB      | 1975           | 1101          | 0.06%           | 0.008%        |
| 16        | 3.601       | 777           | 781         | 785          | rVB      | 1787           | 1339          | 0.07%           | 0.009%        |
| 17        | 3.633       | 786           | 791         | 794          | rVB      | 2455           | 2472          | 0.13%           | 0.017%        |
| 18        | 3.659       | 794           | 799         | 802          | rBV      | 2481           | 1993          | 0.11%           | 0.014%        |
| 19        | 3.781       | 832           | 837         | 843          | rBV      | 1801           | 1793          | 0.09%           | 0.013%        |
| 20        | 3.907       | 873           | 876         | 880          | rVB      | 1527           | 1273          | 0.07%           | 0.009%        |
| 21        | 4.029       | 908           | 914         | 917          | rBV      | 1435           | 1196          | 0.06%           | 0.008%        |
| 22        | 4.058       | 917           | 923         | 926          | rBV2     | 1382           | 1826          | 0.10%           | 0.013%        |
| 23        | 4.119       | 937           | 942         | 944          | rBV      | 1513           | 1472          | 0.08%           | 0.010%        |
| 24        | 4.173       | 947           | 959         | 990          | rBV      | 200931         | 518083        | 27.37%          | 3.621%        |
| 25        | 4.386       | 1022          | 1025        | 1028         | rBV      | 1714           | 1139          | 0.06%           | 0.008%        |
| 26        | 4.508       | 1061          | 1063        | 1070         | rVB2     | 1344           | 1425          | 0.08%           | 0.010%        |
| 27        | 4.559       | 1075          | 1079        | 1082         | rBV      | 1127           | 1187          | 0.06%           | 0.008%        |
| 28        | 4.579       | 1082          | 1085        | 1088         | rVB      | 1636           | 1036          | 0.05%           | 0.007%        |
| 29        | 4.643       | 1088          | 1105        | 1123         | rBV      | 303138         | 715972        | 37.82%          | 5.005%        |
| 30        | 4.968       | 1203          | 1206        | 1210         | rVB      | 2386           | 1606          | 0.08%           | 0.011%        |
| 31        | 5.334       | 1298          | 1320        | 1351         | rBV2     | 643524         | 1893081       | 100.00%         | 13.233%       |
| 32        | 5.524       | 1376          | 1379        | 1383         | rBV      | 1745           | 1548          | 0.08%           | 0.011%        |
| 33        | 5.630       | 1407          | 1412        | 1415         | rBV      | 2198           | 1819          | 0.10%           | 0.013%        |
| 34        | 5.730       | 1439          | 1443        | 1446         | rBV      | 1581           | 1299          | 0.07%           | 0.009%        |

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Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM032319WMA.M  
 Title : VOC Analysis

|    |        |      |      |      |      |        |         |        |        |
|----|--------|------|------|------|------|--------|---------|--------|--------|
| 35 | 5.768  | 1451 | 1455 | 1459 | rBV  | 1686   | 1892    | 0.10%  | 0.013% |
| 36 | 5.881  | 1477 | 1490 | 1513 | rBV  | 549594 | 1097326 | 57.97% | 7.670% |
| 37 | 6.048  | 1539 | 1542 | 1545 | rVB  | 2329   | 1369    | 0.07%  | 0.010% |
| 38 | 6.119  | 1562 | 1564 | 1567 | rVB  | 2037   | 1110    | 0.06%  | 0.008% |
| 39 | 6.328  | 1615 | 1629 | 1651 | rBV2 | 426638 | 857516  | 45.30% | 5.994% |
| 40 | 6.874  | 1796 | 1799 | 1805 | rVB  | 2017   | 1366    | 0.07%  | 0.010% |
| 41 | 7.029  | 1844 | 1847 | 1851 | rBV  | 1430   | 1333    | 0.07%  | 0.009% |
| 42 | 7.119  | 1872 | 1875 | 1880 | rVB  | 1514   | 1199    | 0.06%  | 0.008% |
| 43 | 7.157  | 1882 | 1887 | 1890 | rBV  | 1995   | 1559    | 0.08%  | 0.011% |
| 44 | 7.225  | 1896 | 1908 | 1926 | rBV  | 232756 | 420071  | 22.19% | 2.936% |
| 45 | 7.373  | 1951 | 1954 | 1958 | rBV  | 1581   | 1218    | 0.06%  | 0.009% |
| 46 | 7.492  | 1988 | 1991 | 1995 | rBV  | 1409   | 1430    | 0.08%  | 0.010% |
| 47 | 7.562  | 2001 | 2013 | 2034 | rBV  | 803491 | 1422308 | 75.13% | 9.942% |
| 48 | 7.845  | 2090 | 2101 | 2125 | rBV  | 157439 | 285571  | 15.08% | 1.996% |
| 49 | 7.984  | 2138 | 2144 | 2148 | rBV  | 1675   | 2162    | 0.11%  | 0.015% |
| 50 | 8.035  | 2157 | 2160 | 2169 | rVB  | 1465   | 1588    | 0.08%  | 0.011% |
| 51 | 8.308  | 2234 | 2245 | 2287 | rBV  | 649603 | 1201484 | 63.47% | 8.398% |
| 52 | 8.823  | 2403 | 2405 | 2413 | rVB  | 1059   | 1198    | 0.06%  | 0.008% |
| 53 | 8.881  | 2417 | 2423 | 2425 | rBV  | 1396   | 1316    | 0.07%  | 0.009% |
| 54 | 8.984  | 2452 | 2455 | 2460 | rVB  | 1635   | 1354    | 0.07%  | 0.009% |
| 55 | 9.016  | 2460 | 2465 | 2470 | rBV  | 2191   | 2248    | 0.12%  | 0.016% |
| 56 | 9.045  | 2470 | 2474 | 2475 | rBV  | 2142   | 1400    | 0.07%  | 0.010% |
| 57 | 9.086  | 2475 | 2487 | 2508 | rBV  | 802777 | 1358036 | 71.74% | 9.493% |
| 58 | 9.286  | 2544 | 2549 | 2552 | rBV2 | 1487   | 1137    | 0.06%  | 0.008% |
| 59 | 9.312  | 2552 | 2557 | 2560 | rVB  | 1671   | 1311    | 0.07%  | 0.009% |
| 60 | 9.443  | 2593 | 2598 | 2602 | rBV  | 1809   | 1561    | 0.08%  | 0.011% |
| 61 | 9.707  | 2675 | 2680 | 2688 | rVV2 | 1870   | 2813    | 0.15%  | 0.020% |
| 62 | 9.797  | 2700 | 2708 | 2711 | rBV2 | 1861   | 2552    | 0.13%  | 0.018% |
| 63 | 9.820  | 2711 | 2715 | 2718 | rBV  | 1621   | 1420    | 0.08%  | 0.010% |
| 64 | 9.971  | 2756 | 2762 | 2767 | rBV  | 2306   | 2996    | 0.16%  | 0.021% |
| 65 | 10.266 | 2850 | 2854 | 2857 | rBV  | 1769   | 1378    | 0.07%  | 0.010% |
| 66 | 10.376 | 2881 | 2888 | 2890 | rBV2 | 1124   | 1293    | 0.07%  | 0.009% |
| 67 | 10.427 | 2892 | 2904 | 2927 | rBV  | 554854 | 908522  | 47.99% | 6.351% |
| 68 | 10.591 | 2952 | 2955 | 2959 | rVB  | 1596   | 1201    | 0.06%  | 0.008% |
| 69 | 10.617 | 2959 | 2963 | 2968 | rBV2 | 1609   | 1876    | 0.10%  | 0.013% |
| 70 | 10.643 | 2968 | 2971 | 2976 | rVB  | 2061   | 1692    | 0.09%  | 0.012% |
| 71 | 10.713 | 2990 | 2993 | 2997 | rVB  | 1984   | 1401    | 0.07%  | 0.010% |

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Integrator: RTE  
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 Min Area: 0 % of largest Peak  
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If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM032319WMA.M  
 Title : VOC Analysis

|     |        |      |      |      |      |        |         |        |        |
|-----|--------|------|------|------|------|--------|---------|--------|--------|
| 72  | 10.736 | 2997 | 3000 | 3003 | rBV2 | 1395   | 1073    | 0.06%  | 0.008% |
| 73  | 10.794 | 3012 | 3018 | 3021 | rVB  | 1303   | 1117    | 0.06%  | 0.008% |
| 74  | 10.865 | 3035 | 3040 | 3044 | rBV  | 1687   | 1502    | 0.08%  | 0.010% |
| 75  | 10.913 | 3049 | 3055 | 3061 | rBV2 | 1384   | 2270    | 0.12%  | 0.016% |
| 76  | 11.051 | 3094 | 3098 | 3103 | rVB2 | 1594   | 1451    | 0.08%  | 0.010% |
| 77  | 11.131 | 3120 | 3123 | 3130 | rVB2 | 1379   | 1460    | 0.08%  | 0.010% |
| 78  | 11.196 | 3138 | 3143 | 3149 | rVB2 | 976    | 1020    | 0.05%  | 0.007% |
| 79  | 11.353 | 3186 | 3192 | 3198 | rBV  | 2473   | 3069    | 0.16%  | 0.021% |
| 80  | 11.418 | 3208 | 3212 | 3215 | rBV3 | 1857   | 1823    | 0.10%  | 0.013% |
| 81  | 11.482 | 3220 | 3232 | 3251 | rBV  | 657937 | 1102469 | 58.24% | 7.706% |
| 82  | 11.620 | 3272 | 3275 | 3278 | rBV2 | 1992   | 1844    | 0.10%  | 0.013% |
| 83  | 11.758 | 3312 | 3318 | 3320 | rBV  | 1250   | 1088    | 0.06%  | 0.008% |
| 84  | 11.858 | 3337 | 3349 | 3372 | rBV  | 661381 | 1125400 | 59.45% | 7.866% |
| 85  | 12.131 | 3431 | 3434 | 3436 | rBV  | 1770   | 1170    | 0.06%  | 0.008% |
| 86  | 12.173 | 3444 | 3447 | 3450 | rBV  | 1407   | 1079    | 0.06%  | 0.008% |
| 87  | 12.212 | 3457 | 3459 | 3463 | rBV  | 2122   | 1276    | 0.07%  | 0.009% |
| 88  | 12.302 | 3483 | 3487 | 3493 | rBV2 | 2336   | 3247    | 0.17%  | 0.023% |
| 89  | 12.446 | 3529 | 3532 | 3534 | rBV2 | 2177   | 1245    | 0.07%  | 0.009% |
| 90  | 12.848 | 3655 | 3657 | 3662 | rVV  | 1203   | 1033    | 0.05%  | 0.007% |
| 91  | 12.932 | 3679 | 3683 | 3686 | rBV  | 1800   | 1842    | 0.10%  | 0.013% |
| 92  | 12.990 | 3697 | 3701 | 3704 | rVB  | 1937   | 1307    | 0.07%  | 0.009% |
| 93  | 13.009 | 3704 | 3707 | 3712 | rVB  | 1886   | 1623    | 0.09%  | 0.011% |
| 94  | 13.035 | 3712 | 3715 | 3720 | rBV  | 1147   | 1103    | 0.06%  | 0.008% |
| 95  | 13.170 | 3754 | 3757 | 3763 | rVB  | 1952   | 1843    | 0.10%  | 0.013% |
| 96  | 13.379 | 3818 | 3822 | 3825 | rBV  | 2106   | 1690    | 0.09%  | 0.012% |
| 97  | 13.527 | 3862 | 3868 | 3871 | rBV3 | 2646   | 3055    | 0.16%  | 0.021% |
| 98  | 14.826 | 4269 | 4272 | 4275 | rBV2 | 1780   | 1470    | 0.08%  | 0.010% |
| 99  | 14.874 | 4284 | 4287 | 4289 | rBV  | 1476   | 1062    | 0.06%  | 0.007% |
| 100 | 15.427 | 4455 | 4459 | 4464 | rBV2 | 2221   | 2640    | 0.14%  | 0.018% |

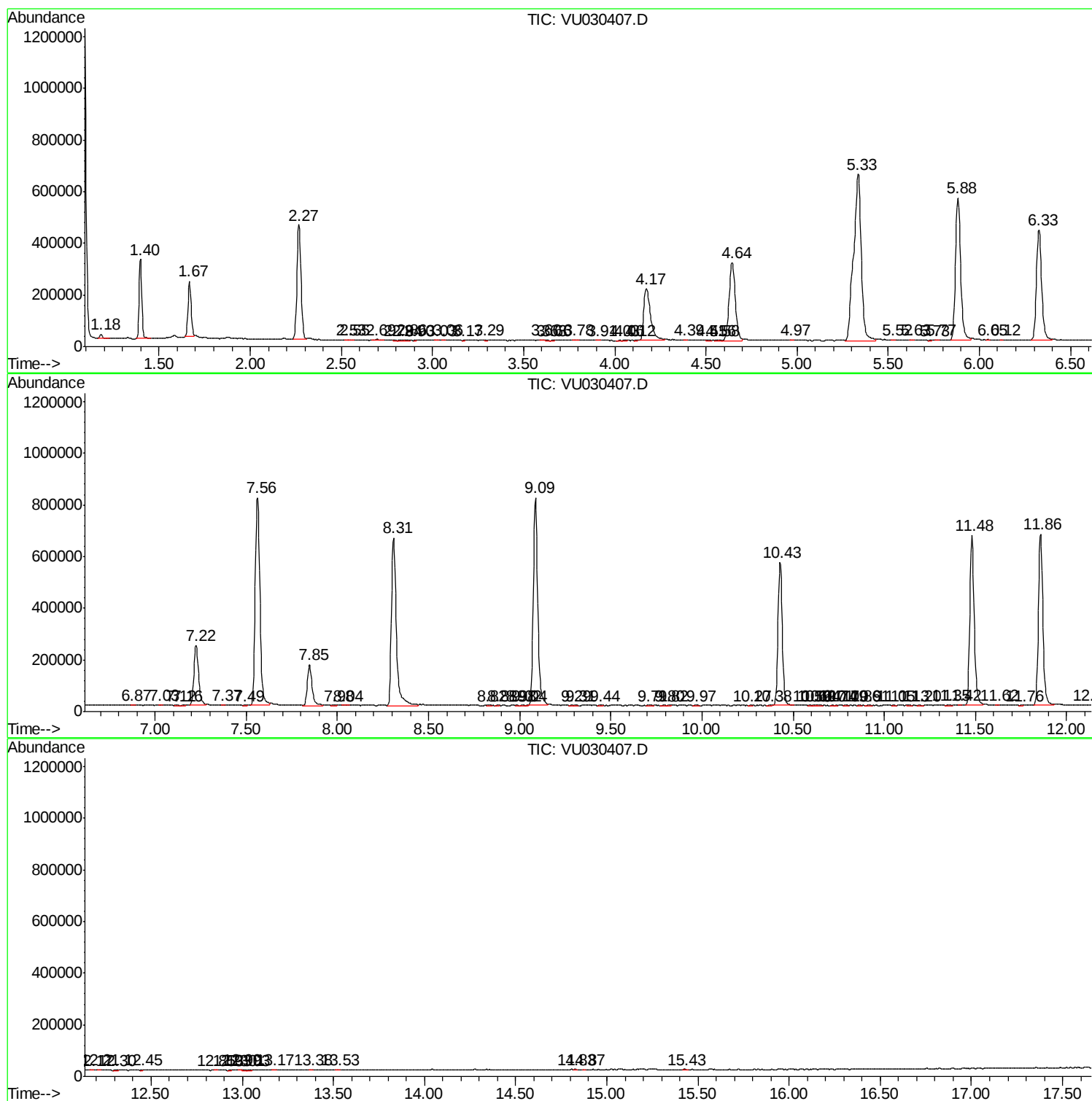
Sum of corrected areas: 14306291

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM032319WMA.M  
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_U\DATA\VU032519\  
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Quant Title : VOC Analysis

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

No Library Search Compounds Detected

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