

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040419\  
 Data File : VV010116.D  
 Acq On : 04 Apr 2019 18:17  
 Operator : SY/MD  
 Sample : K2215-18  
 Misc : 4.56G/10mL/MSVOA V/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BF2P7

## 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\_V\METHOD\SOM2VLM040219S.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      | 1.315    | 64         | 70       | 80        | rVB   | 118609      | 113304     | 11.93%       | 1.547%     |
| 2      | 1.566    | 141        | 148      | 159       | rVB   | 102985      | 127222     | 13.40%       | 1.737%     |
| 3      | 2.122    | 312        | 321      | 332       | rBV   | 266885      | 370012     | 38.97%       | 5.053%     |
| 4      | 2.373    | 396        | 399      | 401       | rBV3  | 745         | 475        | 0.05%        | 0.006%     |
| 5      | 2.415    | 409        | 412      | 413       | rBV2  | 501         | 323        | 0.03%        | 0.004%     |
| 6      | 2.534    | 438        | 449      | 462       | rBV3  | 25416       | 43203      | 4.55%        | 0.590%     |
| 7      | 2.650    | 474        | 485      | 500       | rVB   | 23977       | 48975      | 5.16%        | 0.669%     |
| 8      | 2.778    | 520        | 525      | 528       | rBV3  | 677         | 700        | 0.07%        | 0.010%     |
| 9      | 2.852    | 545        | 548      | 551       | rVB3  | 690         | 345        | 0.04%        | 0.005%     |
| 10     | 2.933    | 570        | 573      | 576       | rBV3  | 643         | 512        | 0.05%        | 0.007%     |
| 11     | 2.965    | 580        | 583      | 588       | rBV3  | 869         | 981        | 0.10%        | 0.013%     |
| 12     | 3.071    | 608        | 616      | 627       | rVB5  | 4703        | 8551       | 0.90%        | 0.117%     |
| 13     | 3.177    | 647        | 649      | 652       | rVB2  | 839         | 362        | 0.04%        | 0.005%     |
| 14     | 3.232    | 663        | 666      | 668       | rBV2  | 451         | 316        | 0.03%        | 0.004%     |
| 15     | 3.299    | 685        | 687      | 691       | rVB2  | 778         | 463        | 0.05%        | 0.006%     |
| 16     | 3.347    | 696        | 702      | 709       | rVB3  | 667         | 877        | 0.09%        | 0.012%     |
| 17     | 3.383    | 709        | 713      | 717       | rBV3  | 695         | 648        | 0.07%        | 0.009%     |
| 18     | 3.428    | 724        | 727      | 729       | rBV   | 475         | 277        | 0.03%        | 0.004%     |
| 19     | 3.450    | 732        | 734      | 737       | rVB2  | 642         | 367        | 0.04%        | 0.005%     |
| 20     | 3.534    | 755        | 760      | 762       | rVV3  | 720         | 609        | 0.06%        | 0.008%     |
| 21     | 3.656    | 795        | 798      | 801       | rBV2  | 768         | 500        | 0.05%        | 0.007%     |
| 22     | 3.855    | 858        | 860      | 865       | rBV3  | 575         | 354        | 0.04%        | 0.005%     |
| 23     | 3.933    | 869        | 884      | 913       | rBV3  | 43442       | 135044     | 14.22%       | 1.844%     |
| 24     | 4.100    | 934        | 936      | 946       | rVB4  | 1025        | 1186       | 0.12%        | 0.016%     |
| 25     | 4.219    | 970        | 973      | 975       | rBV2  | 677         | 418        | 0.04%        | 0.006%     |
| 26     | 4.399    | 1010       | 1029     | 1050      | rBV   | 160170      | 393707     | 41.47%       | 5.377%     |
| 27     | 4.585    | 1084       | 1087     | 1090      | rVB2  | 807         | 441        | 0.05%        | 0.006%     |
| 28     | 4.621    | 1093       | 1098     | 1103      | rBV5  | 978         | 796        | 0.08%        | 0.011%     |
| 29     | 4.685    | 1115       | 1118     | 1119      | rBV2  | 622         | 305        | 0.03%        | 0.004%     |
| 30     | 4.846    | 1162       | 1168     | 1170      | rVV3  | 449         | 476        | 0.05%        | 0.007%     |
| 31     | 4.929    | 1190       | 1194     | 1196      | rBV3  | 669         | 468        | 0.05%        | 0.006%     |
| 32     | 4.955    | 1196       | 1202     | 1205      | rBV2  | 754         | 613        | 0.06%        | 0.008%     |
| 33     | 5.093    | 1227       | 1245     | 1271      | rBV3  | 368034      | 949482     | 100.00%      | 12.967%    |
| 34     | 5.293    | 1305       | 1307     | 1309      | rBV2  | 566         | 275        | 0.03%        | 0.004%     |

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Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOM2VLM040219S.M  
 Title : VOC Analysis

|    |       |      |      |      |      |        |        |        |         |
|----|-------|------|------|------|------|--------|--------|--------|---------|
| 35 | 5.569 | 1389 | 1393 | 1395 | rVB3 | 776    | 433    | 0.05%  | 0.006%  |
| 36 | 5.662 | 1404 | 1422 | 1441 | rBV  | 319245 | 636104 | 66.99% | 8.687%  |
| 37 | 5.945 | 1500 | 1510 | 1521 | rBV9 | 4449   | 8562   | 0.90%  | 0.117%  |
| 38 | 6.000 | 1525 | 1527 | 1528 | rBV2 | 785    | 347    | 0.04%  | 0.005%  |
| 39 | 6.019 | 1531 | 1533 | 1541 | rVB5 | 816    | 951    | 0.10%  | 0.013%  |
| 40 | 6.116 | 1548 | 1563 | 1584 | rBV  | 212741 | 434931 | 45.81% | 5.940%  |
| 41 | 6.322 | 1624 | 1627 | 1630 | rBV  | 623    | 429    | 0.05%  | 0.006%  |
| 42 | 6.486 | 1674 | 1678 | 1681 | rBV3 | 370    | 287    | 0.03%  | 0.004%  |
| 43 | 6.537 | 1691 | 1694 | 1697 | rBV3 | 469    | 380    | 0.04%  | 0.005%  |
| 44 | 6.640 | 1723 | 1726 | 1727 | rBV2 | 460    | 294    | 0.03%  | 0.004%  |
| 45 | 6.646 | 1727 | 1728 | 1732 | rVV3 | 605    | 312    | 0.03%  | 0.004%  |
| 46 | 6.765 | 1763 | 1765 | 1768 | rBV  | 493    | 377    | 0.04%  | 0.005%  |
| 47 | 6.801 | 1772 | 1776 | 1777 | rBV3 | 1052   | 669    | 0.07%  | 0.009%  |
| 48 | 6.868 | 1793 | 1797 | 1799 | rBV2 | 644    | 372    | 0.04%  | 0.005%  |
| 49 | 6.939 | 1815 | 1819 | 1821 | rBV2 | 466    | 295    | 0.03%  | 0.004%  |
| 50 | 7.029 | 1835 | 1847 | 1867 | rVV2 | 104572 | 189876 | 20.00% | 2.593%  |
| 51 | 7.167 | 1887 | 1890 | 1891 | rBV2 | 666    | 434    | 0.05%  | 0.006%  |
| 52 | 7.277 | 1918 | 1924 | 1926 | rBV5 | 1117   | 1183   | 0.12%  | 0.016%  |
| 53 | 7.357 | 1937 | 1949 | 1966 | rBV  | 433966 | 769709 | 81.07% | 10.512% |
| 54 | 7.550 | 2006 | 2009 | 2010 | rBV  | 815    | 443    | 0.05%  | 0.006%  |
| 55 | 7.585 | 2018 | 2020 | 2023 | rVB4 | 853    | 397    | 0.04%  | 0.005%  |
| 56 | 7.662 | 2032 | 2044 | 2063 | rBV  | 73016  | 123688 | 13.03% | 1.689%  |
| 57 | 7.978 | 2139 | 2142 | 2148 | rVB4 | 1844   | 1585   | 0.17%  | 0.022%  |
| 58 | 8.016 | 2148 | 2154 | 2158 | rBV6 | 2357   | 2710   | 0.29%  | 0.037%  |
| 59 | 8.080 | 2172 | 2174 | 2177 | rBV  | 506    | 278    | 0.03%  | 0.004%  |
| 60 | 8.132 | 2179 | 2190 | 2222 | rVV  | 136725 | 253203 | 26.67% | 3.458%  |
| 61 | 8.592 | 2330 | 2333 | 2337 | rVB2 | 640    | 375    | 0.04%  | 0.005%  |
| 62 | 8.617 | 2337 | 2341 | 2345 | rVB4 | 706    | 491    | 0.05%  | 0.007%  |
| 63 | 8.704 | 2362 | 2368 | 2371 | rBV4 | 700    | 827    | 0.09%  | 0.011%  |
| 64 | 8.781 | 2389 | 2392 | 2394 | rBV2 | 651    | 525    | 0.06%  | 0.007%  |
| 65 | 8.894 | 2415 | 2427 | 2447 | rBV  | 493884 | 821915 | 86.56% | 11.225% |
| 66 | 9.087 | 2485 | 2487 | 2490 | rBV  | 506    | 356    | 0.04%  | 0.005%  |
| 67 | 9.170 | 2511 | 2513 | 2516 | rBV2 | 601    | 416    | 0.04%  | 0.006%  |
| 68 | 9.312 | 2552 | 2557 | 2560 | rBV  | 605    | 462    | 0.05%  | 0.006%  |
| 69 | 9.389 | 2579 | 2581 | 2585 | rVB2 | 728    | 437    | 0.05%  | 0.006%  |
| 70 | 9.707 | 2677 | 2680 | 2685 | rVB3 | 814    | 605    | 0.06%  | 0.008%  |
| 71 | 9.794 | 2703 | 2707 | 2711 | rVB2 | 725    | 634    | 0.07%  | 0.009%  |

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 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOM2VLM040219S.M  
 Title : VOC Analysis

|     |        |      |      |      |      |        |        |        |         |
|-----|--------|------|------|------|------|--------|--------|--------|---------|
| 72  | 9.823  | 2711 | 2716 | 2718 | rBV  | 530    | 420    | 0.04%  | 0.006%  |
| 73  | 9.942  | 2749 | 2753 | 2756 | rBV3 | 795    | 756    | 0.08%  | 0.010%  |
| 74  | 10.260 | 2837 | 2852 | 2875 | rBV  | 241114 | 387320 | 40.79% | 5.290%  |
| 75  | 10.421 | 2894 | 2902 | 2916 | rVB4 | 7925   | 13602  | 1.43%  | 0.186%  |
| 76  | 10.518 | 2929 | 2932 | 2936 | rBV2 | 559    | 373    | 0.04%  | 0.005%  |
| 77  | 10.601 | 2954 | 2958 | 2961 | rBV3 | 453    | 406    | 0.04%  | 0.006%  |
| 78  | 10.627 | 2962 | 2966 | 2969 | rVB4 | 828    | 753    | 0.08%  | 0.010%  |
| 79  | 10.762 | 3005 | 3008 | 3010 | rBV3 | 482    | 334    | 0.04%  | 0.005%  |
| 80  | 10.823 | 3022 | 3027 | 3030 | rBV5 | 909    | 892    | 0.09%  | 0.012%  |
| 81  | 11.093 | 3108 | 3111 | 3114 | rBV2 | 513    | 295    | 0.03%  | 0.004%  |
| 82  | 11.225 | 3149 | 3152 | 3153 | rBV3 | 702    | 329    | 0.03%  | 0.004%  |
| 83  | 11.296 | 3162 | 3174 | 3191 | rBV  | 431092 | 735416 | 77.45% | 10.044% |
| 84  | 11.463 | 3223 | 3226 | 3228 | rBV2 | 467    | 331    | 0.03%  | 0.005%  |
| 85  | 11.559 | 3252 | 3256 | 3258 | rBV2 | 712    | 541    | 0.06%  | 0.007%  |
| 86  | 11.672 | 3279 | 3291 | 3307 | rBV  | 421916 | 706637 | 74.42% | 9.651%  |
| 87  | 11.897 | 3358 | 3361 | 3365 | rVB3 | 740    | 525    | 0.06%  | 0.007%  |
| 88  | 11.923 | 3366 | 3369 | 3370 | rBV  | 529    | 276    | 0.03%  | 0.004%  |
| 89  | 12.109 | 3426 | 3427 | 3435 | rBV2 | 471    | 420    | 0.04%  | 0.006%  |
| 90  | 12.199 | 3451 | 3455 | 3458 | rBV2 | 688    | 444    | 0.05%  | 0.006%  |
| 91  | 12.299 | 3479 | 3486 | 3498 | rVB  | 5494   | 8925   | 0.94%  | 0.122%  |
| 92  | 12.431 | 3524 | 3527 | 3531 | rBV2 | 644    | 558    | 0.06%  | 0.008%  |
| 93  | 12.508 | 3547 | 3551 | 3554 | rBV3 | 535    | 408    | 0.04%  | 0.006%  |
| 94  | 12.614 | 3581 | 3584 | 3588 | rBV2 | 712    | 535    | 0.06%  | 0.007%  |
| 95  | 12.826 | 3648 | 3650 | 3653 | rVB  | 660    | 295    | 0.03%  | 0.004%  |
| 96  | 12.932 | 3681 | 3683 | 3686 | rBV2 | 714    | 438    | 0.05%  | 0.006%  |
| 97  | 13.791 | 3944 | 3950 | 3955 | rBV4 | 1306   | 1569   | 0.17%  | 0.021%  |
| 98  | 13.833 | 3961 | 3963 | 3967 | rBV3 | 708    | 508    | 0.05%  | 0.007%  |
| 99  | 13.878 | 3973 | 3977 | 3980 | rBV2 | 645    | 518    | 0.05%  | 0.007%  |
| 100 | 14.865 | 4282 | 4284 | 4287 | rBV  | 694    | 468    | 0.05%  | 0.006%  |

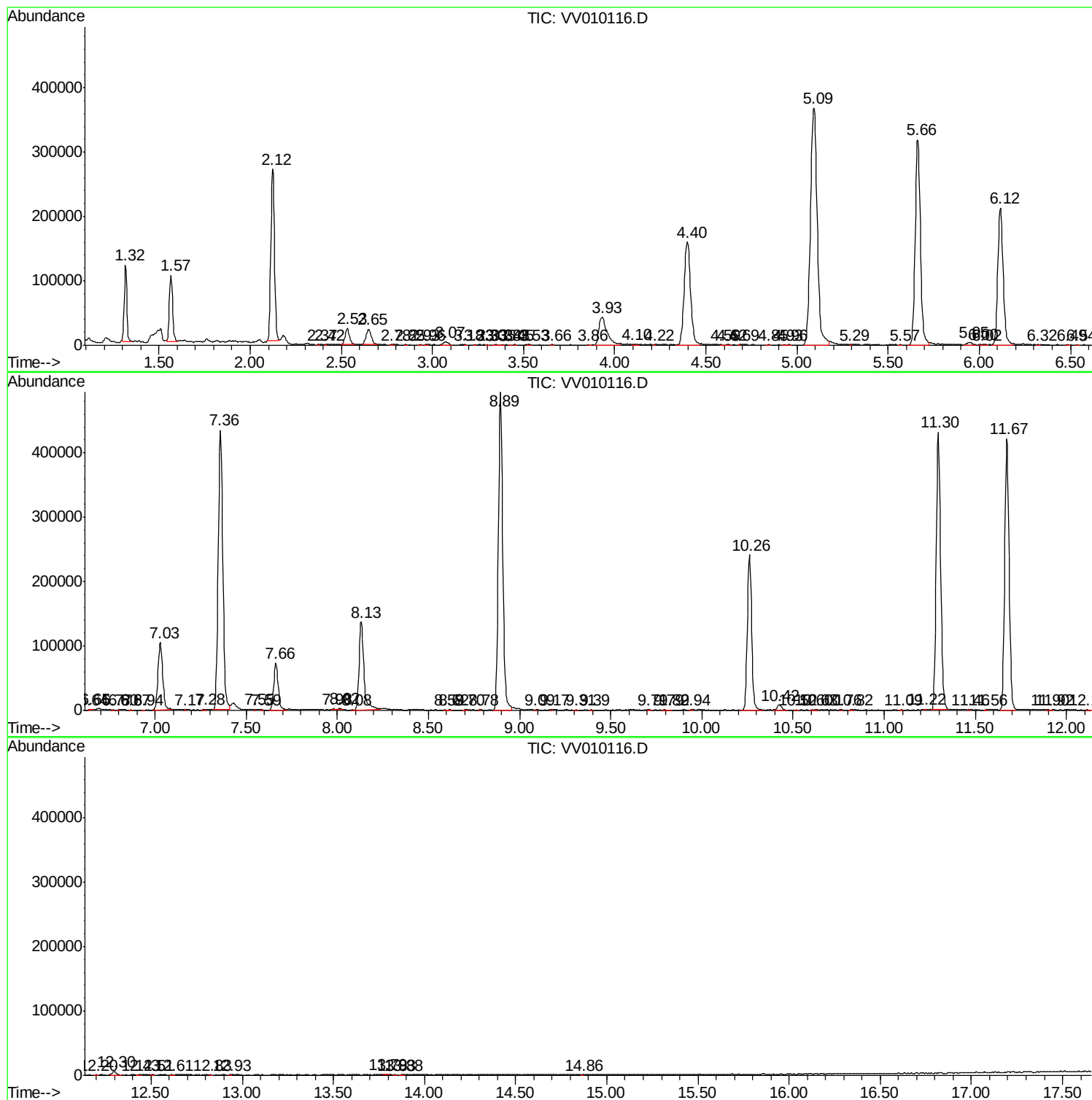
Sum of corrected areas: 7322171

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_V\METHOD\SOM2VLM040219S.M  
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSV0A\_V\DATA\VV040419\  
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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        |