

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050919\  
 Data File : VV010837.D  
 Acq On : 11 May 2019 03:11  
 Operator : SY/MD  
 Sample : K2692-26  
 Misc : 5.76G/10ML/MSVOA V/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 A5187

## 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\SOM2VLM050719S.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      | 1.309    | 63         | 68       | 78        | rVB   | 29776       | 29470      | 11.90%       | 1.620%     |
| 2      | 1.566    | 141        | 148      | 157       | rVB   | 27193       | 32086      | 12.96%       | 1.764%     |
| 3      | 2.116    | 310        | 319      | 331       | rVB   | 55884       | 81153      | 32.77%       | 4.460%     |
| 4      | 2.184    | 332        | 340      | 351       | rVB3  | 3178        | 4846       | 1.96%        | 0.266%     |
| 5      | 2.299    | 373        | 376      | 377       | rBV   | 802         | 376        | 0.15%        | 0.021%     |
| 6      | 2.528    | 440        | 447      | 454       | rVB3  | 2380        | 3433       | 1.39%        | 0.189%     |
| 7      | 2.637    | 473        | 481      | 482       | rBV   | 616         | 627        | 0.25%        | 0.034%     |
| 8      | 2.714    | 502        | 505      | 508       | rBV2  | 263         | 213        | 0.09%        | 0.012%     |
| 9      | 2.749    | 513        | 516      | 523       | rVV2  | 283         | 398        | 0.16%        | 0.022%     |
| 10     | 2.785    | 524        | 527      | 530       | rVB   | 312         | 214        | 0.09%        | 0.012%     |
| 11     | 2.823    | 535        | 539      | 542       | rVV2  | 201         | 168        | 0.07%        | 0.009%     |
| 12     | 2.878    | 553        | 556      | 560       | rVB2  | 295         | 271        | 0.11%        | 0.015%     |
| 13     | 2.907    | 561        | 565      | 568       | rBV2  | 333         | 326        | 0.13%        | 0.018%     |
| 14     | 3.016    | 596        | 599      | 600       | rBV2  | 238         | 158        | 0.06%        | 0.009%     |
| 15     | 3.068    | 611        | 615      | 619       | rBV   | 433         | 316        | 0.13%        | 0.017%     |
| 16     | 3.090    | 619        | 622      | 625       | rVV   | 176         | 150        | 0.06%        | 0.008%     |
| 17     | 3.158    | 640        | 643      | 647       | rVB   | 369         | 268        | 0.11%        | 0.015%     |
| 18     | 3.203    | 654        | 657      | 660       | rVV   | 191         | 162        | 0.07%        | 0.009%     |
| 19     | 3.428    | 720        | 727      | 731       | rBV2  | 328         | 481        | 0.19%        | 0.026%     |
| 20     | 3.483    | 736        | 744      | 745       | rBV2  | 264         | 309        | 0.12%        | 0.017%     |
| 21     | 3.534    | 757        | 760      | 764       | rVB2  | 340         | 345        | 0.14%        | 0.019%     |
| 22     | 3.737    | 820        | 823      | 827       | rVB   | 288         | 233        | 0.09%        | 0.013%     |
| 23     | 3.840    | 849        | 855      | 858       | rBV2  | 207         | 258        | 0.10%        | 0.014%     |
| 24     | 3.930    | 872        | 883      | 905       | rBV2  | 8814        | 23632      | 9.54%        | 1.299%     |
| 25     | 4.151    | 949        | 952      | 957       | rBV2  | 171         | 209        | 0.08%        | 0.011%     |
| 26     | 4.393    | 1010       | 1027     | 1045      | rVV   | 43352       | 105260     | 42.50%       | 5.785%     |
| 27     | 4.556    | 1075       | 1078     | 1082      | rVB   | 245         | 186        | 0.08%        | 0.010%     |
| 28     | 4.952    | 1196       | 1201     | 1205      | rBV2  | 300         | 383        | 0.15%        | 0.021%     |
| 29     | 5.090    | 1222       | 1244     | 1269      | rBV2  | 93613       | 238631     | 96.36%       | 13.116%    |
| 30     | 5.335    | 1315       | 1320     | 1325      | rBV2  | 268         | 202        | 0.08%        | 0.011%     |
| 31     | 5.409    | 1338       | 1343     | 1346      | rBV2  | 204         | 224        | 0.09%        | 0.012%     |
| 32     | 5.569    | 1389       | 1393     | 1396      | rBV   | 246         | 219        | 0.09%        | 0.012%     |
| 33     | 5.659    | 1408       | 1421     | 1443      | rBV   | 99046       | 197459     | 79.73%       | 10.853%    |
| 34     | 5.952    | 1503       | 1512     | 1523      | rVB7  | 2142        | 4129       | 1.67%        | 0.227%     |

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 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\SOM2VLM050719S.M  
 Title : VOC Analysis

|    |        |      |      |      |      |        |        |         |         |
|----|--------|------|------|------|------|--------|--------|---------|---------|
| 35 | 6.042  | 1534 | 1540 | 1541 | rBV  | 270    | 220    | 0.09%   | 0.012%  |
| 36 | 6.113  | 1546 | 1562 | 1580 | rBV2 | 59243  | 119788 | 48.37%  | 6.584%  |
| 37 | 6.608  | 1714 | 1716 | 1719 | rBB  | 275    | 169    | 0.07%   | 0.009%  |
| 38 | 6.656  | 1729 | 1731 | 1733 | rBV  | 261    | 167    | 0.07%   | 0.009%  |
| 39 | 6.672  | 1733 | 1736 | 1739 | rVV  | 240    | 166    | 0.07%   | 0.009%  |
| 40 | 6.788  | 1770 | 1772 | 1775 | rBV  | 261    | 163    | 0.07%   | 0.009%  |
| 41 | 7.026  | 1835 | 1846 | 1860 | rBV2 | 27767  | 47682  | 19.25%  | 2.621%  |
| 42 | 7.180  | 1888 | 1894 | 1897 | rBV  | 245    | 285    | 0.12%   | 0.016%  |
| 43 | 7.248  | 1912 | 1915 | 1917 | rBV2 | 293    | 220    | 0.09%   | 0.012%  |
| 44 | 7.357  | 1936 | 1949 | 1965 | rBV2 | 93314  | 165076 | 66.66%  | 9.073%  |
| 45 | 7.659  | 2034 | 2043 | 2061 | rBV2 | 17433  | 28838  | 11.64%  | 1.585%  |
| 46 | 7.817  | 2087 | 2092 | 2096 | rVB2 | 316    | 416    | 0.17%   | 0.023%  |
| 47 | 7.843  | 2096 | 2100 | 2102 | rBV2 | 384    | 301    | 0.12%   | 0.017%  |
| 48 | 7.978  | 2137 | 2142 | 2150 | rVB4 | 2078   | 3013   | 1.22%   | 0.166%  |
| 49 | 8.097  | 2176 | 2179 | 2180 | rBV  | 352    | 212    | 0.09%   | 0.012%  |
| 50 | 8.132  | 2180 | 2190 | 2205 | rVV2 | 31125  | 54892  | 22.17%  | 3.017%  |
| 51 | 8.434  | 2275 | 2284 | 2286 | rBV  | 262    | 374    | 0.15%   | 0.021%  |
| 52 | 8.634  | 2342 | 2346 | 2348 | rBV2 | 295    | 258    | 0.10%   | 0.014%  |
| 53 | 8.765  | 2383 | 2387 | 2390 | rBV2 | 294    | 270    | 0.11%   | 0.015%  |
| 54 | 8.833  | 2404 | 2408 | 2414 | rVB2 | 214    | 190    | 0.08%   | 0.010%  |
| 55 | 8.894  | 2414 | 2427 | 2442 | rBV  | 150541 | 247649 | 100.00% | 13.612% |
| 56 | 9.074  | 2480 | 2483 | 2486 | rVB  | 305    | 201    | 0.08%   | 0.011%  |
| 57 | 9.097  | 2486 | 2490 | 2494 | rBV2 | 248    | 252    | 0.10%   | 0.014%  |
| 58 | 9.177  | 2513 | 2515 | 2516 | rBV  | 298    | 162    | 0.07%   | 0.009%  |
| 59 | 9.225  | 2526 | 2530 | 2533 | rBV2 | 218    | 203    | 0.08%   | 0.011%  |
| 60 | 9.312  | 2553 | 2557 | 2559 | rBV  | 300    | 320    | 0.13%   | 0.018%  |
| 61 | 9.405  | 2581 | 2586 | 2590 | rBV2 | 160    | 155    | 0.06%   | 0.009%  |
| 62 | 9.444  | 2595 | 2598 | 2602 | rVB2 | 341    | 315    | 0.13%   | 0.017%  |
| 63 | 9.469  | 2602 | 2606 | 2609 | rBV  | 268    | 260    | 0.10%   | 0.014%  |
| 64 | 9.595  | 2641 | 2645 | 2646 | rBV2 | 273    | 182    | 0.07%   | 0.010%  |
| 65 | 9.791  | 2703 | 2706 | 2711 | rBV2 | 163    | 160    | 0.06%   | 0.009%  |
| 66 | 9.852  | 2722 | 2725 | 2727 | rBV2 | 200    | 172    | 0.07%   | 0.009%  |
| 67 | 9.913  | 2742 | 2744 | 2748 | rBV  | 232    | 167    | 0.07%   | 0.009%  |
| 68 | 10.260 | 2841 | 2852 | 2868 | rVB  | 51241  | 81082  | 32.74%  | 4.457%  |
| 69 | 10.322 | 2869 | 2871 | 2877 | rVB2 | 266    | 287    | 0.12%   | 0.016%  |
| 70 | 10.357 | 2878 | 2882 | 2884 | rBV  | 289    | 249    | 0.10%   | 0.014%  |
| 71 | 10.421 | 2893 | 2902 | 2916 | rBV4 | 4506   | 7456   | 3.01%   | 0.410%  |

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Filtering: 5  
 Min Area: 0 % of largest Peak  
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 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOM2VLM050719S.M  
 Title : VOC Analysis

|     |        |      |      |      |      |        |        |        |        |
|-----|--------|------|------|------|------|--------|--------|--------|--------|
| 72  | 10.621 | 2958 | 2964 | 2972 | rVV4 | 900    | 1405   | 0.57%  | 0.077% |
| 73  | 10.701 | 2987 | 2989 | 2995 | rVB2 | 229    | 227    | 0.09%  | 0.012% |
| 74  | 10.855 | 3032 | 3037 | 3044 | rBV2 | 210    | 363    | 0.15%  | 0.020% |
| 75  | 10.900 | 3048 | 3051 | 3055 | rBV2 | 200    | 216    | 0.09%  | 0.012% |
| 76  | 10.965 | 3068 | 3071 | 3075 | rBV  | 203    | 211    | 0.09%  | 0.012% |
| 77  | 11.164 | 3129 | 3133 | 3135 | rBV2 | 196    | 170    | 0.07%  | 0.009% |
| 78  | 11.241 | 3154 | 3157 | 3160 | rBV  | 275    | 225    | 0.09%  | 0.012% |
| 79  | 11.296 | 3162 | 3174 | 3191 | rVV  | 106636 | 176192 | 71.15% | 9.684% |
| 80  | 11.431 | 3213 | 3216 | 3219 | rBV  | 257    | 177    | 0.07%  | 0.010% |
| 81  | 11.485 | 3227 | 3233 | 3238 | rBV2 | 247    | 353    | 0.14%  | 0.019% |
| 82  | 11.576 | 3255 | 3261 | 3271 | rBV5 | 2923   | 4223   | 1.71%  | 0.232% |
| 83  | 11.672 | 3279 | 3291 | 3306 | rVB  | 80822  | 132963 | 53.69% | 7.308% |
| 84  | 11.733 | 3306 | 3310 | 3311 | rBV  | 295    | 210    | 0.08%  | 0.012% |
| 85  | 12.193 | 3448 | 3453 | 3456 | rBV  | 249    | 269    | 0.11%  | 0.015% |
| 86  | 12.296 | 3474 | 3485 | 3494 | rBV2 | 1965   | 3284   | 1.33%  | 0.180% |
| 87  | 12.366 | 3502 | 3507 | 3510 | rBV  | 279    | 292    | 0.12%  | 0.016% |
| 88  | 12.431 | 3524 | 3527 | 3530 | rBV  | 205    | 158    | 0.06%  | 0.009% |
| 89  | 12.489 | 3540 | 3545 | 3547 | rBV  | 230    | 216    | 0.09%  | 0.012% |
| 90  | 12.559 | 3562 | 3567 | 3569 | rBV  | 198    | 197    | 0.08%  | 0.011% |
| 91  | 12.691 | 3604 | 3608 | 3611 | rBV  | 232    | 189    | 0.08%  | 0.010% |
| 92  | 12.717 | 3611 | 3616 | 3624 | rVB4 | 1298   | 1578   | 0.64%  | 0.087% |
| 93  | 13.408 | 3828 | 3831 | 3834 | rBV2 | 192    | 153    | 0.06%  | 0.008% |
| 94  | 13.633 | 3896 | 3901 | 3910 | rVB4 | 699    | 854    | 0.34%  | 0.047% |
| 95  | 13.714 | 3920 | 3926 | 3932 | rBV2 | 252    | 460    | 0.19%  | 0.025% |
| 96  | 14.090 | 4037 | 4043 | 4055 | rVB2 | 2662   | 4827   | 1.95%  | 0.265% |
| 97  | 14.614 | 4203 | 4206 | 4215 | rBV2 | 302    | 526    | 0.21%  | 0.029% |
| 98  | 14.842 | 4274 | 4277 | 4282 | rBV  | 301    | 254    | 0.10%  | 0.014% |
| 99  | 15.038 | 4335 | 4338 | 4341 | rBV  | 259    | 217    | 0.09%  | 0.012% |
| 100 | 15.984 | 4629 | 4632 | 4634 | rBV2 | 289    | 215    | 0.09%  | 0.012% |

Sum of corrected areas: 1819391



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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_V\METHOD\SOM2VLM050719S.M  
Quant Title : VOC Analysis

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

No Library Search Compounds Detected

\*\*\*\*\*

Data Path : Z:\V0ASRV\HPCHEM1\MSV0A\_V\DATA\VV050919\  
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Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A\_V\METHOD\SOM2VLM050719S.M  
Quant Title : VOC Analysis

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

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