

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU083018\  
 Data File : VU026457.D  
 Acq On : 30 Aug 2018 19:16  
 Operator : MD/SY  
 Sample : J4694-03 50X  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BEE21

## 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\SOMULM082918WMA.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      | 0.719    | 38         | 40       | 43        | rBB   | 238         | 116        | 0.00%        | 0.000%     |
| 2      | 0.747    | 44         | 49       | 51        | rBB   | 147         | 125        | 0.00%        | 0.000%     |
| 3      | 0.940    | 106        | 109      | 111       | rBV   | 140         | 124        | 0.00%        | 0.000%     |
| 4      | 1.011    | 128        | 131      | 133       | rBV   | 132         | 116        | 0.00%        | 0.000%     |
| 5      | 1.085    | 138        | 154      | 175       | rBV   | 201883      | 236290     | 0.99%        | 0.835%     |
| 6      | 1.397    | 244        | 251      | 264       | rBV   | 68671       | 67976      | 0.29%        | 0.240%     |
| 7      | 1.677    | 331        | 338      | 354       | rVB   | 55251       | 71277      | 0.30%        | 0.252%     |
| 8      | 2.188    | 491        | 497      | 503       | rVB3  | 1421        | 1870       | 0.01%        | 0.007%     |
| 9      | 2.272    | 511        | 523      | 536       | rVV   | 100979      | 152913     | 0.64%        | 0.540%     |
| 10     | 2.329    | 536        | 541      | 547       | rVB4  | 1464        | 1783       | 0.01%        | 0.006%     |
| 11     | 2.706    | 650        | 658      | 663       | rBV3  | 775         | 1129       | 0.00%        | 0.004%     |
| 12     | 2.927    | 723        | 727      | 730       | rVB2  | 207         | 192        | 0.00%        | 0.001%     |
| 13     | 3.165    | 797        | 801      | 805       | rVV2  | 163         | 132        | 0.00%        | 0.000%     |
| 14     | 3.345    | 854        | 857      | 861       | rVB   | 207         | 196        | 0.00%        | 0.001%     |
| 15     | 3.381    | 866        | 868      | 871       | rVB   | 277         | 159        | 0.00%        | 0.001%     |
| 16     | 3.403    | 872        | 875      | 877       | rBV   | 161         | 138        | 0.00%        | 0.000%     |
| 17     | 4.001    | 1058       | 1061     | 1066      | rBV   | 161         | 193        | 0.00%        | 0.001%     |
| 18     | 4.133    | 1098       | 1102     | 1103      | rBV   | 191         | 147        | 0.00%        | 0.001%     |
| 19     | 4.178    | 1103       | 1116     | 1151      | rBV2  | 44549       | 140764     | 0.59%        | 0.497%     |
| 20     | 4.564    | 1234       | 1236     | 1240      | rVB   | 249         | 157        | 0.00%        | 0.001%     |
| 21     | 4.593    | 1241       | 1245     | 1247      | rBV   | 157         | 166        | 0.00%        | 0.001%     |
| 22     | 4.651    | 1247       | 1263     | 1285      | rBV   | 78906       | 184642     | 0.77%        | 0.652%     |
| 23     | 4.731    | 1286       | 1288     | 1291      | rVB   | 262         | 147        | 0.00%        | 0.001%     |
| 24     | 4.763    | 1292       | 1298     | 1299      | rBV2  | 209         | 156        | 0.00%        | 0.001%     |
| 25     | 4.895    | 1336       | 1339     | 1345      | rVB3  | 387         | 322        | 0.00%        | 0.001%     |
| 26     | 5.014    | 1372       | 1376     | 1378      | rBV   | 234         | 163        | 0.00%        | 0.001%     |
| 27     | 5.197    | 1429       | 1433     | 1439      | rVB   | 110         | 116        | 0.00%        | 0.000%     |
| 28     | 5.342    | 1455       | 1478     | 1500      | rBV2  | 156804      | 464177     | 1.95%        | 1.640%     |
| 29     | 5.451    | 1509       | 1512     | 1514      | rBV   | 258         | 193        | 0.00%        | 0.001%     |
| 30     | 5.538    | 1536       | 1539     | 1543      | rVB   | 173         | 172        | 0.00%        | 0.001%     |
| 31     | 5.564    | 1543       | 1547     | 1551      | rBV   | 177         | 217        | 0.00%        | 0.001%     |
| 32     | 5.635    | 1567       | 1569     | 1572      | rBV   | 135         | 118        | 0.00%        | 0.000%     |
| 33     | 5.693    | 1584       | 1587     | 1594      | rBB   | 180         | 236        | 0.00%        | 0.001%     |
| 34     | 5.731    | 1594       | 1599     | 1602      | rBV   | 140         | 187        | 0.00%        | 0.001%     |

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 Peak Location: TOP

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 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM082918WMA.M  
 Title : VOC Analysis

|    |        |      |      |      |      |          |          |         |         |
|----|--------|------|------|------|------|----------|----------|---------|---------|
| 35 | 5.818  | 1623 | 1626 | 1629 | rBV  | 143      | 142      | 0.00%   | 0.001%  |
| 36 | 5.889  | 1634 | 1648 | 1673 | rVV  | 184096   | 351223   | 1.47%   | 1.241%  |
| 37 | 6.091  | 1705 | 1711 | 1713 | rBV2 | 278      | 321      | 0.00%   | 0.001%  |
| 38 | 6.188  | 1727 | 1741 | 1761 | rBV  | 146480   | 277016   | 1.16%   | 0.979%  |
| 39 | 6.332  | 1772 | 1786 | 1807 | rBV  | 111285   | 217806   | 0.91%   | 0.769%  |
| 40 | 6.976  | 1985 | 1986 | 1990 | rVB  | 262      | 148      | 0.00%   | 0.001%  |
| 41 | 7.001  | 1991 | 1994 | 1997 | rBV  | 186      | 186      | 0.00%   | 0.001%  |
| 42 | 7.178  | 2046 | 2049 | 2050 | rBV  | 169      | 117      | 0.00%   | 0.000%  |
| 43 | 7.230  | 2054 | 2065 | 2089 | rVB  | 59463    | 102753   | 0.43%   | 0.363%  |
| 44 | 7.323  | 2091 | 2094 | 2100 | rBV2 | 236      | 243      | 0.00%   | 0.001%  |
| 45 | 7.567  | 2157 | 2170 | 2193 | rBV  | 218398   | 374023   | 1.57%   | 1.321%  |
| 46 | 7.853  | 2247 | 2259 | 2275 | rBV  | 41263    | 69995    | 0.29%   | 0.247%  |
| 47 | 7.947  | 2284 | 2288 | 2289 | rBV  | 376      | 165      | 0.00%   | 0.001%  |
| 48 | 7.969  | 2293 | 2295 | 2299 | rBV  | 116      | 119      | 0.00%   | 0.000%  |
| 49 | 8.236  | 2349 | 2378 | 2393 | rBV  | 15078723 | 23850551 | 100.00% | 84.252% |
| 50 | 8.313  | 2394 | 2402 | 2432 | rVB  | 157252   | 281548   | 1.18%   | 0.995%  |
| 51 | 8.500  | 2459 | 2460 | 2463 | rVB  | 310      | 122      | 0.00%   | 0.000%  |
| 52 | 8.519  | 2463 | 2466 | 2469 | rBV  | 315      | 208      | 0.00%   | 0.001%  |
| 53 | 8.567  | 2478 | 2481 | 2490 | rBV  | 231      | 367      | 0.00%   | 0.001%  |
| 54 | 8.702  | 2517 | 2523 | 2525 | rBV2 | 294      | 275      | 0.00%   | 0.001%  |
| 55 | 8.876  | 2573 | 2577 | 2581 | rVB  | 161      | 191      | 0.00%   | 0.001%  |
| 56 | 8.905  | 2582 | 2586 | 2590 | rVB  | 184      | 119      | 0.00%   | 0.000%  |
| 57 | 8.975  | 2605 | 2608 | 2611 | rBV2 | 188      | 151      | 0.00%   | 0.001%  |
| 58 | 9.020  | 2619 | 2622 | 2624 | rBV2 | 183      | 115      | 0.00%   | 0.000%  |
| 59 | 9.091  | 2632 | 2644 | 2667 | rBV  | 273797   | 438182   | 1.84%   | 1.548%  |
| 60 | 9.249  | 2690 | 2693 | 2698 | rVV2 | 197      | 174      | 0.00%   | 0.001%  |
| 61 | 9.297  | 2705 | 2708 | 2711 | rVB  | 202      | 135      | 0.00%   | 0.000%  |
| 62 | 9.381  | 2729 | 2734 | 2739 | rBV  | 275      | 339      | 0.00%   | 0.001%  |
| 63 | 9.438  | 2748 | 2752 | 2756 | rBV  | 222      | 171      | 0.00%   | 0.001%  |
| 64 | 9.577  | 2789 | 2795 | 2797 | rBV2 | 168      | 152      | 0.00%   | 0.001%  |
| 65 | 9.779  | 2855 | 2858 | 2863 | rVV  | 210      | 203      | 0.00%   | 0.001%  |
| 66 | 10.435 | 3049 | 3062 | 3079 | rBV  | 156092   | 245232   | 1.03%   | 0.866%  |
| 67 | 10.612 | 3107 | 3117 | 3131 | rVB2 | 5760     | 10477    | 0.04%   | 0.037%  |
| 68 | 10.686 | 3136 | 3140 | 3145 | rBV2 | 512      | 488      | 0.00%   | 0.002%  |
| 69 | 10.869 | 3195 | 3197 | 3202 | rVB2 | 213      | 176      | 0.00%   | 0.001%  |
| 70 | 10.982 | 3228 | 3232 | 3236 | rBV2 | 194      | 142      | 0.00%   | 0.001%  |
| 71 | 11.014 | 3236 | 3242 | 3247 | rBV  | 304      | 357      | 0.00%   | 0.001%  |

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 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\SOMULM082918WMA.M  
 Title : VOC Analysis

|     |        |      |      |      |      |        |        |       |        |
|-----|--------|------|------|------|------|--------|--------|-------|--------|
| 72  | 11.152 | 3279 | 3285 | 3289 | rBV2 | 220    | 252    | 0.00% | 0.001% |
| 73  | 11.348 | 3343 | 3346 | 3350 | rVB  | 235    | 132    | 0.00% | 0.000% |
| 74  | 11.406 | 3362 | 3364 | 3369 | rVB  | 185    | 137    | 0.00% | 0.000% |
| 75  | 11.487 | 3377 | 3389 | 3411 | rVB  | 255444 | 392319 | 1.64% | 1.386% |
| 76  | 11.567 | 3411 | 3414 | 3417 | rBV2 | 328    | 254    | 0.00% | 0.001% |
| 77  | 11.625 | 3427 | 3432 | 3435 | rBV  | 220    | 162    | 0.00% | 0.001% |
| 78  | 11.692 | 3451 | 3453 | 3458 | rVV  | 136    | 123    | 0.00% | 0.000% |
| 79  | 11.863 | 3494 | 3506 | 3527 | rBV  | 220668 | 353169 | 1.48% | 1.248% |
| 80  | 12.004 | 3546 | 3550 | 3552 | rVV  | 204    | 137    | 0.00% | 0.000% |
| 81  | 12.020 | 3553 | 3555 | 3560 | rVB  | 174    | 121    | 0.00% | 0.000% |
| 82  | 12.114 | 3582 | 3584 | 3588 | rVB  | 205    | 147    | 0.00% | 0.001% |
| 83  | 12.261 | 3627 | 3630 | 3633 | rBV2 | 185    | 119    | 0.00% | 0.000% |
| 84  | 12.339 | 3650 | 3654 | 3658 | rVB2 | 219    | 172    | 0.00% | 0.001% |
| 85  | 12.480 | 3690 | 3698 | 3711 | rVB4 | 1102   | 2186   | 0.01% | 0.008% |
| 86  | 12.535 | 3712 | 3715 | 3720 | rBV  | 216    | 166    | 0.00% | 0.001% |
| 87  | 12.863 | 3814 | 3817 | 3821 | rVV  | 228    | 163    | 0.00% | 0.001% |
| 88  | 13.319 | 3955 | 3959 | 3963 | rBV2 | 222    | 193    | 0.00% | 0.001% |
| 89  | 13.429 | 3991 | 3993 | 3999 | rVV  | 286    | 158    | 0.00% | 0.001% |
| 90  | 13.464 | 3999 | 4004 | 4007 | rVB2 | 364    | 307    | 0.00% | 0.001% |
| 91  | 13.615 | 4049 | 4051 | 4055 | rBV  | 185    | 138    | 0.00% | 0.000% |
| 92  | 13.879 | 4130 | 4133 | 4136 | rBV  | 213    | 158    | 0.00% | 0.001% |
| 93  | 13.943 | 4151 | 4153 | 4154 | rBV  | 269    | 121    | 0.00% | 0.000% |
| 94  | 14.072 | 4190 | 4193 | 4202 | rBV2 | 271    | 424    | 0.00% | 0.001% |
| 95  | 14.194 | 4227 | 4231 | 4237 | rBV  | 327    | 439    | 0.00% | 0.002% |
| 96  | 14.281 | 4248 | 4258 | 4269 | rBV3 | 1522   | 2638   | 0.01% | 0.009% |
| 97  | 14.348 | 4277 | 4279 | 4283 | rBV2 | 261    | 162    | 0.00% | 0.001% |
| 98  | 14.470 | 4313 | 4317 | 4318 | rBV2 | 206    | 157    | 0.00% | 0.001% |
| 99  | 15.348 | 4588 | 4590 | 4594 | rVB  | 325    | 144    | 0.00% | 0.001% |
| 100 | 15.885 | 4750 | 4757 | 4765 | rVB3 | 1715   | 2784   | 0.01% | 0.010% |

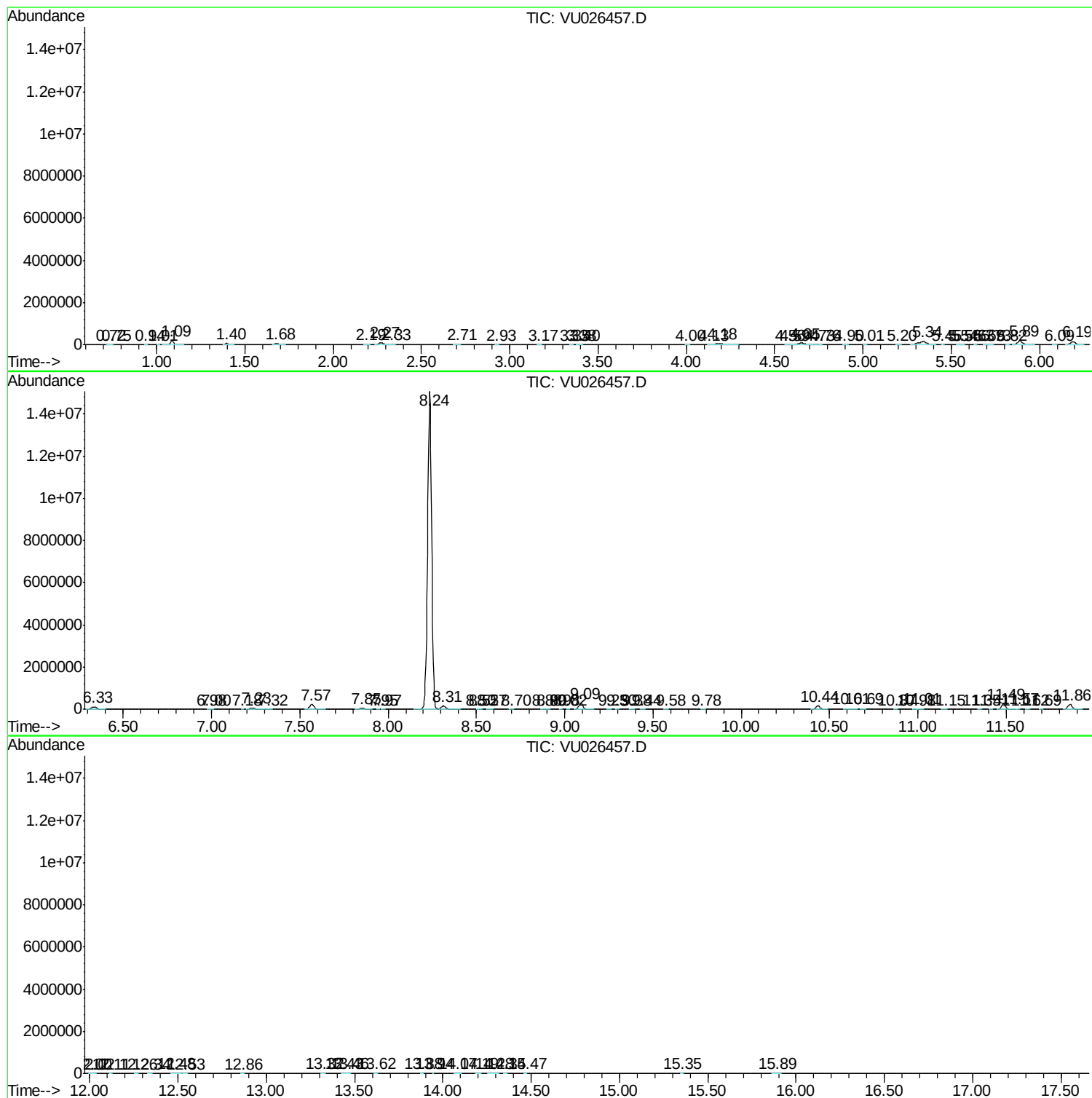
Sum of corrected areas: 28308523

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM082918WMA.M  
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_U\DATA\VU083018\  
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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        |