

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV010521\  
 Data File : VV019893.D  
 Acq On : 05 Jan 2021 13:43  
 Operator : SY/MD  
 Sample : M1016-04 100X  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BG4W1

## 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\SOMVLM122820WMA.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    | 62         | 68       | 85        | rVB   | 320468      | 319221     | 7.77%        | 1.449%     |
| 2      | 1.569    | 142        | 149      | 160       | rBV   | 276462      | 311042     | 7.57%        | 1.412%     |
| 3      | 2.110    | 308        | 317      | 342       | rVB   | 550922      | 832428     | 20.25%       | 3.779%     |
| 4      | 2.444    | 419        | 421      | 424       | rBV4  | 1037        | 562        | 0.01%        | 0.003%     |
| 5      | 2.518    | 441        | 444      | 454       | rVB   | 16081       | 12948      | 0.31%        | 0.059%     |
| 6      | 2.830    | 538        | 541      | 545       | rBV4  | 1046        | 833        | 0.02%        | 0.004%     |
| 7      | 2.904    | 562        | 564      | 567       | rBV2  | 653         | 392        | 0.01%        | 0.002%     |
| 8      | 2.946    | 575        | 577      | 580       | rVB3  | 1031        | 434        | 0.01%        | 0.002%     |
| 9      | 2.994    | 590        | 592      | 598       | rBV3  | 1049        | 876        | 0.02%        | 0.004%     |
| 10     | 3.042    | 604        | 607      | 611       | rVB4  | 1504        | 1006       | 0.02%        | 0.005%     |
| 11     | 3.145    | 635        | 639      | 645       | rVB7  | 1354        | 1335       | 0.03%        | 0.006%     |
| 12     | 3.187    | 649        | 652      | 656       | rVB2  | 814         | 583        | 0.01%        | 0.003%     |
| 13     | 3.219    | 656        | 662      | 665       | rBV6  | 1290        | 1225       | 0.03%        | 0.006%     |
| 14     | 3.235    | 665        | 667      | 671       | rVV4  | 887         | 504        | 0.01%        | 0.002%     |
| 15     | 3.331    | 695        | 697      | 700       | rBV3  | 659         | 380        | 0.01%        | 0.002%     |
| 16     | 3.396    | 714        | 717      | 721       | rBV5  | 939         | 636        | 0.02%        | 0.003%     |
| 17     | 3.434    | 725        | 729      | 731       | rBV3  | 1036        | 585        | 0.01%        | 0.003%     |
| 18     | 3.534    | 757        | 760      | 762       | rBV3  | 635         | 451        | 0.01%        | 0.002%     |
| 19     | 3.608    | 780        | 783      | 785       | rBV3  | 890         | 587        | 0.01%        | 0.003%     |
| 20     | 3.640    | 791        | 793      | 796       | rVB3  | 701         | 418        | 0.01%        | 0.002%     |
| 21     | 3.672    | 800        | 803      | 808       | rBV5  | 1085        | 857        | 0.02%        | 0.004%     |
| 22     | 3.704    | 811        | 813      | 818       | rVB2  | 812         | 475        | 0.01%        | 0.002%     |
| 23     | 3.756    | 826        | 829      | 833       | rBV3  | 1117        | 896        | 0.02%        | 0.004%     |
| 24     | 3.897    | 860        | 873      | 899       | rBV   | 173385      | 533880     | 12.99%       | 2.423%     |
| 25     | 4.354    | 1000       | 1015     | 1045      | rVB   | 379836      | 933767     | 22.72%       | 4.239%     |
| 26     | 4.659    | 1108       | 1110     | 1111      | rBV2  | 880         | 352        | 0.01%        | 0.002%     |
| 27     | 4.827    | 1159       | 1162     | 1164      | rBV3  | 477         | 340        | 0.01%        | 0.002%     |
| 28     | 4.897    | 1179       | 1184     | 1186      | rBV3  | 978         | 778        | 0.02%        | 0.004%     |
| 29     | 5.052    | 1209       | 1232     | 1256      | rBV2  | 918650      | 2366915    | 57.58%       | 10.744%    |
| 30     | 5.621    | 1397       | 1409     | 1430      | rBV   | 713054      | 1429529    | 34.78%       | 6.489%     |
| 31     | 5.913    | 1488       | 1500     | 1518      | rBV3  | 38886       | 86189      | 2.10%        | 0.391%     |
| 32     | 6.074    | 1533       | 1550     | 1577      | rBV   | 536576      | 1098985    | 26.73%       | 4.989%     |
| 33     | 6.373    | 1638       | 1643     | 1648      | rBV7  | 1204        | 1411       | 0.03%        | 0.006%     |
| 34     | 6.502    | 1680       | 1683     | 1687      | rBV4  | 862         | 577        | 0.01%        | 0.003%     |

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Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM122820WMA.M  
 Title : VOC Analysis

|    |        |      |      |      |      |         |         |         |         |
|----|--------|------|------|------|------|---------|---------|---------|---------|
| 35 | 6.524  | 1687 | 1690 | 1691 | rBV2 | 739     | 414     | 0.01%   | 0.002%  |
| 36 | 6.566  | 1700 | 1703 | 1705 | rBV3 | 750     | 510     | 0.01%   | 0.002%  |
| 37 | 6.762  | 1761 | 1764 | 1767 | rBV4 | 926     | 822     | 0.02%   | 0.004%  |
| 38 | 6.849  | 1789 | 1791 | 1792 | rBV  | 894     | 369     | 0.01%   | 0.002%  |
| 39 | 6.875  | 1798 | 1799 | 1802 | rBV4 | 723     | 379     | 0.01%   | 0.002%  |
| 40 | 6.910  | 1807 | 1810 | 1811 | rBV3 | 770     | 373     | 0.01%   | 0.002%  |
| 41 | 6.936  | 1816 | 1818 | 1821 | rVB4 | 939     | 421     | 0.01%   | 0.002%  |
| 42 | 6.990  | 1821 | 1835 | 1860 | rBV  | 289526  | 533085  | 12.97%  | 2.420%  |
| 43 | 7.322  | 1925 | 1938 | 1964 | rBV  | 1049683 | 1830317 | 44.53%  | 8.308%  |
| 44 | 7.627  | 2022 | 2033 | 2056 | rBV  | 200061  | 350586  | 8.53%   | 1.591%  |
| 45 | 7.855  | 2102 | 2104 | 2105 | rBV2 | 960     | 364     | 0.01%   | 0.002%  |
| 46 | 7.981  | 2128 | 2143 | 2167 | rBV  | 2465662 | 4110700 | 100.00% | 18.660% |
| 47 | 8.093  | 2168 | 2178 | 2209 | rVV2 | 568189  | 1075632 | 26.17%  | 4.883%  |
| 48 | 8.553  | 2317 | 2321 | 2324 | rBV5 | 1276    | 1197    | 0.03%   | 0.005%  |
| 49 | 8.695  | 2362 | 2365 | 2366 | rBV2 | 882     | 397     | 0.01%   | 0.002%  |
| 50 | 8.733  | 2375 | 2377 | 2380 | rVB3 | 1336    | 574     | 0.01%   | 0.003%  |
| 51 | 8.855  | 2402 | 2415 | 2442 | rBV  | 1096882 | 1799570 | 43.78%  | 8.169%  |
| 52 | 9.180  | 2513 | 2516 | 2520 | rVB2 | 1130    | 805     | 0.02%   | 0.004%  |
| 53 | 9.203  | 2520 | 2523 | 2526 | rBV4 | 1145    | 622     | 0.02%   | 0.003%  |
| 54 | 9.322  | 2558 | 2560 | 2562 | rBV2 | 852     | 423     | 0.01%   | 0.002%  |
| 55 | 9.367  | 2572 | 2574 | 2578 | rBV4 | 938     | 508     | 0.01%   | 0.002%  |
| 56 | 9.424  | 2590 | 2592 | 2597 | rVB4 | 984     | 597     | 0.01%   | 0.003%  |
| 57 | 9.450  | 2597 | 2600 | 2602 | rBV4 | 889     | 448     | 0.01%   | 0.002%  |
| 58 | 9.466  | 2602 | 2605 | 2610 | rBV5 | 869     | 703     | 0.02%   | 0.003%  |
| 59 | 9.540  | 2623 | 2628 | 2630 | rVB6 | 618     | 605     | 0.01%   | 0.003%  |
| 60 | 9.553  | 2630 | 2632 | 2636 | rBV4 | 1094    | 658     | 0.02%   | 0.003%  |
| 61 | 9.662  | 2662 | 2666 | 2667 | rBV4 | 637     | 346     | 0.01%   | 0.002%  |
| 62 | 9.720  | 2681 | 2684 | 2689 | rBV4 | 918     | 838     | 0.02%   | 0.004%  |
| 63 | 9.810  | 2710 | 2712 | 2718 | rVB6 | 1154    | 745     | 0.02%   | 0.003%  |
| 64 | 9.910  | 2741 | 2743 | 2746 | rVB2 | 954     | 502     | 0.01%   | 0.002%  |
| 65 | 9.929  | 2746 | 2749 | 2752 | rBV3 | 1270    | 995     | 0.02%   | 0.005%  |
| 66 | 10.042 | 2780 | 2784 | 2786 | rBV2 | 840     | 668     | 0.02%   | 0.003%  |
| 67 | 10.084 | 2795 | 2797 | 2799 | rVB2 | 1243    | 552     | 0.01%   | 0.003%  |
| 68 | 10.100 | 2799 | 2802 | 2806 | rBV3 | 974     | 940     | 0.02%   | 0.004%  |
| 69 | 10.154 | 2816 | 2819 | 2821 | rBV2 | 777     | 530     | 0.01%   | 0.002%  |
| 70 | 10.167 | 2821 | 2823 | 2827 | rVB3 | 732     | 403     | 0.01%   | 0.002%  |
| 71 | 10.222 | 2827 | 2840 | 2860 | rBV  | 639892  | 1008500 | 24.53%  | 4.578%  |

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Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM122820WMA.M  
 Title : VOC Analysis

|     |        |      |      |      |      |         |         |        |        |
|-----|--------|------|------|------|------|---------|---------|--------|--------|
| 72  | 10.354 | 2879 | 2881 | 2882 | rBV2 | 968     | 427     | 0.01%  | 0.002% |
| 73  | 10.437 | 2905 | 2907 | 2912 | rVB3 | 902     | 679     | 0.02%  | 0.003% |
| 74  | 10.473 | 2916 | 2918 | 2920 | rBV2 | 913     | 503     | 0.01%  | 0.002% |
| 75  | 10.502 | 2924 | 2927 | 2929 | rVV3 | 817     | 493     | 0.01%  | 0.002% |
| 76  | 10.550 | 2939 | 2942 | 2944 | rBV2 | 822     | 419     | 0.01%  | 0.002% |
| 77  | 10.961 | 3066 | 3070 | 3072 | rBV3 | 595     | 409     | 0.01%  | 0.002% |
| 78  | 11.093 | 3106 | 3111 | 3116 | rBV6 | 1058    | 1149    | 0.03%  | 0.005% |
| 79  | 11.116 | 3116 | 3118 | 3121 | rBV2 | 727     | 423     | 0.01%  | 0.002% |
| 80  | 11.164 | 3130 | 3133 | 3134 | rBV2 | 925     | 487     | 0.01%  | 0.002% |
| 81  | 11.254 | 3149 | 3161 | 3179 | rBV  | 1072760 | 1686061 | 41.02% | 7.653% |
| 82  | 11.511 | 3239 | 3241 | 3245 | rBV3 | 770     | 637     | 0.02%  | 0.003% |
| 83  | 11.630 | 3266 | 3278 | 3300 | rBV  | 1047295 | 1661306 | 40.41% | 7.541% |
| 84  | 11.961 | 3378 | 3381 | 3386 | rBV7 | 1536    | 842     | 0.02%  | 0.004% |
| 85  | 12.048 | 3405 | 3408 | 3410 | rBV2 | 927     | 547     | 0.01%  | 0.002% |
| 86  | 12.061 | 3410 | 3412 | 3416 | rVB5 | 1191    | 724     | 0.02%  | 0.003% |
| 87  | 12.161 | 3441 | 3443 | 3446 | rBV3 | 922     | 372     | 0.01%  | 0.002% |
| 88  | 12.202 | 3454 | 3456 | 3457 | rBV2 | 833     | 332     | 0.01%  | 0.002% |
| 89  | 12.289 | 3479 | 3483 | 3484 | rBV2 | 685     | 425     | 0.01%  | 0.002% |
| 90  | 12.334 | 3494 | 3497 | 3499 | rBV3 | 843     | 575     | 0.01%  | 0.003% |
| 91  | 12.550 | 3561 | 3564 | 3567 | rVB3 | 715     | 494     | 0.01%  | 0.002% |
| 92  | 12.617 | 3583 | 3585 | 3587 | rBV2 | 628     | 377     | 0.01%  | 0.002% |
| 93  | 12.852 | 3656 | 3658 | 3659 | rBV2 | 848     | 333     | 0.01%  | 0.002% |
| 94  | 12.881 | 3666 | 3667 | 3671 | rVB3 | 835     | 461     | 0.01%  | 0.002% |
| 95  | 13.180 | 3758 | 3760 | 3762 | rBV2 | 786     | 399     | 0.01%  | 0.002% |
| 96  | 13.276 | 3786 | 3790 | 3792 | rBV3 | 1048    | 804     | 0.02%  | 0.004% |
| 97  | 13.286 | 3792 | 3793 | 3797 | rBV4 | 756     | 567     | 0.01%  | 0.003% |
| 98  | 13.591 | 3886 | 3888 | 3892 | rBV3 | 1022    | 692     | 0.02%  | 0.003% |
| 99  | 13.968 | 4003 | 4005 | 4009 | rBV3 | 1153    | 692     | 0.02%  | 0.003% |
| 100 | 14.022 | 4018 | 4022 | 4023 | rBV3 | 1180    | 869     | 0.02%  | 0.004% |

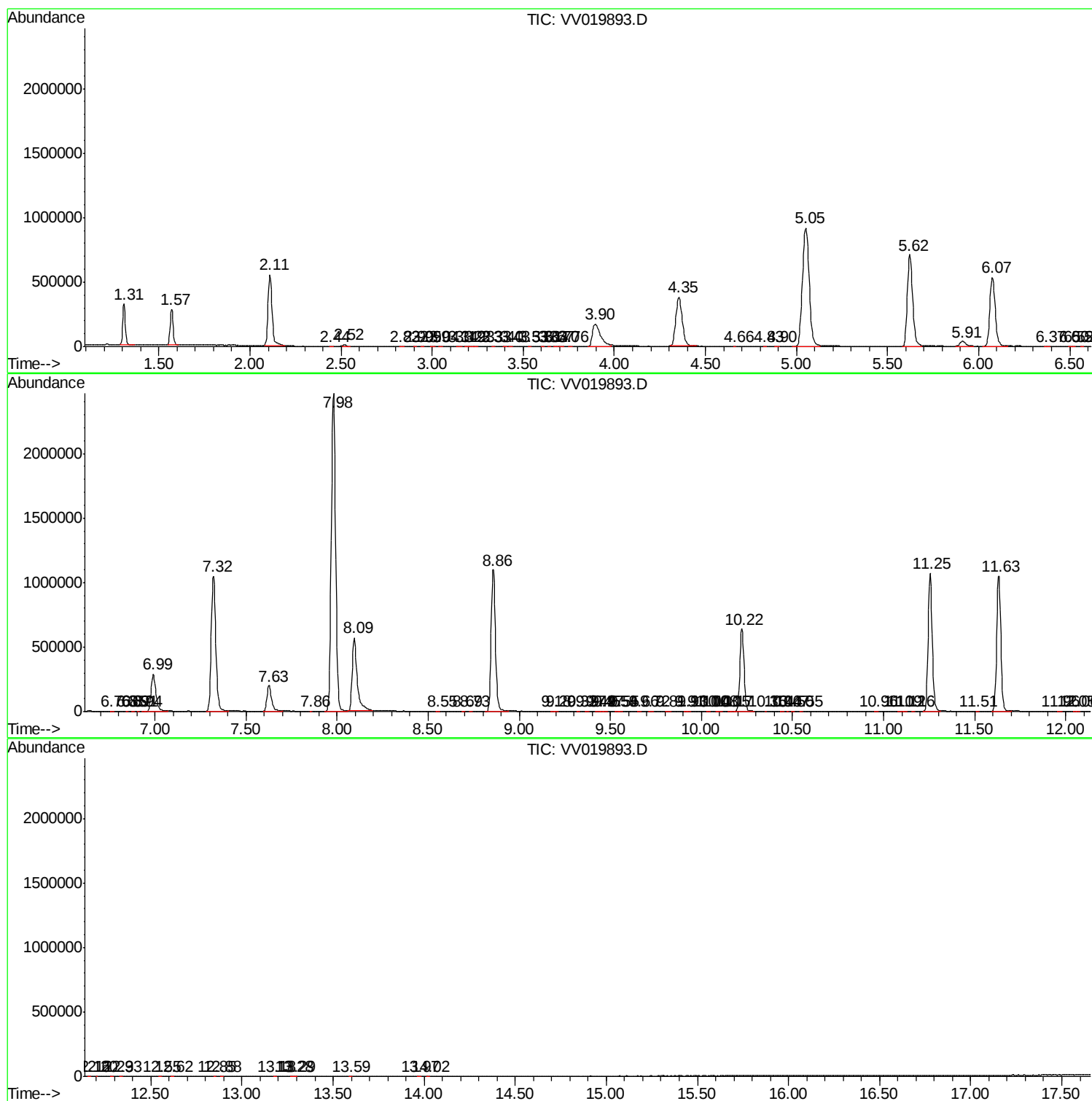
Sum of corrected areas: 22029993

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM122820WMA.M  
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_V\DATA\VV010521\  
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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        |