LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV010719\
Data File : VV009182.D
Acq On : 07 Jan 2019 14:34
Operator : SY/MD
Sample : K1050-04
Misc : 6.15 G/10ML/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** BE9W1

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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

Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM010419S.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 | 1.319 | 66 | 71 | 83 | rVB | 57061 | 59712 | 9.52% | 1.151% |
| 2 | 1.582 | 147 | 153 | 168 | rVB | 57020 | 64097 | 10.22% | 1.236% |
| 3 | 2.126 | 313 | 322 | 333 | rBV | 158595 | 221028 | 35.25% | 4.261% |
| 4 | 2.534 | 438 | 449 | 461 | rBV | 51591 | 83632 | 13.34% | 1.612% |
| 5 | 2.720 | 496 | 507 | 508 | rBV3 | 1172 | 1730 | 0.28% | 0.033% |
| 6 | 3.010 | 592 | 597 | 602 | rVB2 | 227 | 284 | 0.05% | 0.005% |
| 7 | 3.077 | 608 | 618 | 626 | rVB3 | 2675 | 4692 | 0.75% | 0.090% |
| 8 | 3.183 | 648 | 651 | 654 | rBV2 | 150 | 126 | 0.02% | 0.002% |
| 9 | 3.290 | 681 | 684 | 688 | rVB2 | 163 | 120 | 0.02% | 0.002% |
| 10 | 3.318 | 690 | 693 | 697 | rBV2 | 214 | 163 | 0.03% | 0.003% |
| 11 | 3.447 | 728 | 733 | 737 | rBV2 | 304 | 384 | 0.06% | 0.007% |
| 12 | 3.489 | 742 | 746 | 749 | rVB2 | 215 | 168 | 0.03% | 0.003% |
| 13 | 3.505 | 749 | 751 | 753 | rBV2 | 165 | 103 | 0.02% | 0.002% |
| 14 | 3.556 | 764 | 767 | 771 | rBV2 | 201 | 207 | 0.03% | 0.004% |
| 15 | 3.621 | 783 | 787 | 790 | rBV2 | 274 | 294 | 0.05% | 0.006% |
| 16 | 3.656 | 797 | 798 | 801 | rBB | 225 | 107 | 0.02% | 0.002% |
| 17 | 3.743 | 821 | 825 | 827 | rBV2 | 222 | 153 | 0.02% | 0.003% |
| 18 | 3.772 | 831 | 834 | 838 | rVB2 | 355 | 273 | 0.04% | 0.005% |
| 19 | 3.810 | 843 | 846 | 851 | rBV | 189 | 151 | 0.02% | 0.003% |
| 20 | 3.868 | 859 | 864 | 868 | rBV2 | 313 | 408 | 0.07% | 0.008% |
| 21 | 3.894 | 868 | 872 | 874 | rBV2 | 176 | 115 | 0.02% | 0.002% |
| 22 | 3.962 | 878 | 893 | 898 | rBV2 | 19772 | 47497 | 7.58% | 0.916% |
| 23 | 4.399 | 1012 | 1029 | 1057 | rBV | 110053 | 266940 | 42.57% | 5.146% |
| 24 | 4.662 | 1109 | 1111 | 1116 | rBV3 | 325 | 261 | 0.04% | 0.005% |
| 25 | 4.691 | 1116 | 1120 | 1121 | rBV2 | 320 | 243 | 0.04% | 0.005% |
| 26 | 4.804 | 1153 | 1155 | 1158 | rVB2 | 271 | 170 | 0.03% | 0.003% |
| 27 | 4.820 | 1158 | 1160 | 1162 | rBV | 161 | 103 | 0.02% | 0.002% |
| 28 | 4.920 | 1187 | 1191 | 1192 | rBV | 134 | 118 | 0.02% | 0.002% |
| 29 | 4.945 | 1196 | 1199 | 1200 | rBV | 612 | 294 | 0.05% | 0.006% |
| 30 | 5.093 | 1227 | 1245 | 1262 | rBV2 | 250654 | 627001 | 100.00% | 12.088% |
| 31 | 5.347 | 1312 | 1324 | 1340 | rBV5 | 3621 | 9174 | 1.46% | 0.177% |
| 32 | 5.479 | 1362 | 1365 | 1366 | rBV | 271 | 152 | 0.02% | 0.003% |
| 33 | 5.502 | 1370 | 1372 | 1374 | rBV2 | 417 | 223 | 0.04% | 0.004% |
| 34 | 5.527 | 1374 | 1380 | 1381 | rBV2 | 1330 | 1187 | 0.19% | 0.023% |

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Operator : SY/MD
Sample : K1050-04
Misc : 6.15 G/10ML/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** BE9W1

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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

Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM010419S.M
Title : VOC Analysis

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 35 | 5.592 | 1398 | 1400 | 1407 | rVB2 | 347 | 202 | 0.03% | 0.004% |
| 36 | 5.662 | 1407 | 1422 | 1448 | rBV | 253380 | 510311 | 81.39% | 9.838% |
| 37 | 5.820 | 1469 | 1471 | 1475 | rVB2 | 372 | 181 | 0.03% | 0.003% |
| 38 | 5.868 | 1483 | 1486 | 1488 | rBV2 | 327 | 131 | 0.02% | 0.003% |
| 39 | 5.955 | 1497 | 1513 | 1525 | rBV6 | 6871 | 14647 | 2.34% | 0.282% |
| 40 | 6.116 | 1546 | 1563 | 1589 | rVV2 | 143865 | 292558 | 46.66% | 5.640% |
| 41 | 6.251 | 1601 | 1605 | 1609 | rVB3 | 512 | 426 | 0.07% | 0.008% |
| 42 | 6.444 | 1661 | 1665 | 1669 | rVB2 | 191 | 147 | 0.02% | 0.003% |
| 43 | 6.466 | 1669 | 1672 | 1674 | rBV2 | 180 | 107 | 0.02% | 0.002% |
| 44 | 6.598 | 1710 | 1713 | 1714 | rBV | 293 | 175 | 0.03% | 0.003% |
| 45 | 6.733 | 1750 | 1755 | 1757 | rBV2 | 476 | 488 | 0.08% | 0.009% |
| 46 | 6.823 | 1779 | 1783 | 1786 | rBV2 | 202 | 167 | 0.03% | 0.003% |
| 47 | 6.849 | 1787 | 1791 | 1794 | rVV2 | 233 | 218 | 0.03% | 0.004% |
| 48 | 6.881 | 1798 | 1801 | 1805 | rVB2 | 299 | 260 | 0.04% | 0.005% |
| 49 | 6.907 | 1806 | 1809 | 1811 | rBV2 | 224 | 134 | 0.02% | 0.003% |
| 50 | 7.029 | 1835 | 1847 | 1865 | rBV2 | 78204 | 140822 | 22.46% | 2.715% |
| 51 | 7.241 | 1911 | 1913 | 1917 | rVB | 285 | 168 | 0.03% | 0.003% |
| 52 | 7.289 | 1918 | 1928 | 1929 | rBV4 | 1081 | 1334 | 0.21% | 0.026% |
| 53 | 7.357 | 1937 | 1949 | 1964 | rBV | 301435 | 525127 | 83.75% | 10.124% |
| 54 | 7.662 | 2033 | 2044 | 2062 | rBV | 50558 | 87942 | 14.03% | 1.695% |
| 55 | 7.984 | 2137 | 2144 | 2152 | rBV3 | 3167 | 5419 | 0.86% | 0.104% |
| 56 | 8.064 | 2167 | 2169 | 2172 | rBV2 | 257 | 127 | 0.02% | 0.002% |
| 57 | 8.148 | 2183 | 2195 | 2221 | rBV3 | 69752 | 152238 | 24.28% | 2.935% |
| 58 | 8.354 | 2257 | 2259 | 2263 | rBV2 | 149 | 104 | 0.02% | 0.002% |
| 59 | 8.428 | 2279 | 2282 | 2286 | rBV2 | 331 | 342 | 0.05% | 0.007% |
| 60 | 8.492 | 2298 | 2302 | 2304 | rBV2 | 304 | 223 | 0.04% | 0.004% |
| 61 | 8.569 | 2320 | 2326 | 2328 | rBV2 | 261 | 284 | 0.05% | 0.005% |
| 62 | 8.646 | 2346 | 2350 | 2351 | rBV3 | 326 | 255 | 0.04% | 0.005% |
| 63 | 8.749 | 2380 | 2382 | 2386 | rBV | 161 | 159 | 0.03% | 0.003% |
| 64 | 8.772 | 2386 | 2389 | 2390 | rBV | 216 | 137 | 0.02% | 0.003% |
| 65 | 8.813 | 2396 | 2402 | 2405 | rBV2 | 261 | 294 | 0.05% | 0.006% |
| 66 | 8.897 | 2415 | 2428 | 2460 | rBV | 367416 | 620167 | 98.91% | 11.956% |
| 67 | 9.058 | 2468 | 2478 | 2487 | rBV2 | 1067 | 1846 | 0.29% | 0.036% |
| 68 | 9.129 | 2497 | 2500 | 2503 | rBV | 208 | 170 | 0.03% | 0.003% |
| 69 | 9.183 | 2511 | 2517 | 2527 | rVB3 | 1325 | 2121 | 0.34% | 0.041% |
| 70 | 9.325 | 2559 | 2561 | 2566 | rVB | 214 | 167 | 0.03% | 0.003% |
| 71 | 9.653 | 2658 | 2663 | 2666 | rVB2 | 317 | 338 | 0.05% | 0.007% |

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Operator : SY/MD
Sample : K1050-04
Misc : 6.15 G/10ML/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** BE9W1

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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

Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM010419S.M
Title : VOC Analysis

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 72 | 9.678 | 2666 | 2671 | 2674 | rBV | 200 | 270 | 0.04% | 0.005% |
| 73 | 9.701 | 2676 | 2678 | 2682 | rVV2 | 311 | 241 | 0.04% | 0.005% |
| 74 | 9.723 | 2682 | 2685 | 2688 | rVB | 240 | 148 | 0.02% | 0.003% |
| 75 | 9.846 | 2721 | 2723 | 2728 | rBV2 | 169 | 168 | 0.03% | 0.003% |
| 76 | 9.923 | 2744 | 2747 | 2749 | rBV | 304 | 238 | 0.04% | 0.005% |
| 77 | 10.016 | 2771 | 2776 | 2779 | rBV | 254 | 256 | 0.04% | 0.005% |
| 78 | 10.045 | 2783 | 2785 | 2789 | rVB | 249 | 155 | 0.02% | 0.003% |
| 79 | 10.122 | 2803 | 2809 | 2815 | rBV2 | 1164 | 1400 | 0.22% | 0.027% |
| 80 | 10.157 | 2818 | 2820 | 2822 | rBV | 188 | 119 | 0.02% | 0.002% |
| 81 | 10.264 | 2841 | 2853 | 2871 | rVB2 | 145970 | 230963 | 36.84% | 4.453% |
| 82 | 10.427 | 2894 | 2904 | 2921 | rVB | 29018 | 48830 | 7.79% | 0.941% |
| 83 | 10.514 | 2929 | 2931 | 2936 | rBV2 | 378 | 384 | 0.06% | 0.007% |
| 84 | 10.563 | 2943 | 2946 | 2948 | rBV2 | 334 | 169 | 0.03% | 0.003% |
| 85 | 10.588 | 2948 | 2954 | 2956 | rVV3 | 541 | 537 | 0.09% | 0.010% |
| 86 | 10.620 | 2959 | 2964 | 2971 | rVV6 | 1513 | 2040 | 0.33% | 0.039% |
| 87 | 10.653 | 2971 | 2974 | 2976 | rVB | 188 | 104 | 0.02% | 0.002% |
| 88 | 10.691 | 2983 | 2986 | 2995 | rBV2 | 277 | 461 | 0.07% | 0.009% |
| 89 | 10.781 | 3011 | 3014 | 3017 | rBV | 271 | 221 | 0.04% | 0.004% |
| 90 | 10.955 | 3063 | 3068 | 3069 | rBV3 | 828 | 591 | 0.09% | 0.011% |
| 91 | 11.296 | 3162 | 3174 | 3191 | rBV | 397954 | 626365 | 99.90% | 12.076% |
| 92 | 11.472 | 3223 | 3229 | 3230 | rBV3 | 1220 | 1152 | 0.18% | 0.022% |
| 93 | 11.630 | 3276 | 3278 | 3280 | rBV2 | 592 | 174 | 0.03% | 0.003% |
| 94 | 11.672 | 3280 | 3291 | 3308 | rBV | 321087 | 511774 | 81.62% | 9.867% |
| 95 | 12.199 | 3453 | 3455 | 3457 | rBV2 | 375 | 214 | 0.03% | 0.004% |
| 96 | 12.460 | 3530 | 3536 | 3544 | rBV5 | 1591 | 2094 | 0.33% | 0.040% |
| 97 | 12.636 | 3586 | 3591 | 3596 | rBV4 | 753 | 857 | 0.14% | 0.017% |
| 98 | 12.698 | 3602 | 3610 | 3618 | rVB6 | 1391 | 2201 | 0.35% | 0.042% |
| 99 | 12.935 | 3678 | 3684 | 3689 | rBV7 | 1853 | 2130 | 0.34% | 0.041% |
| 100 | 13.797 | 3947 | 3952 | 3958 | rBV4 | 1137 | 1445 | 0.23% | 0.028% |

Sum of corrected areas: 5186947

LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV010719\
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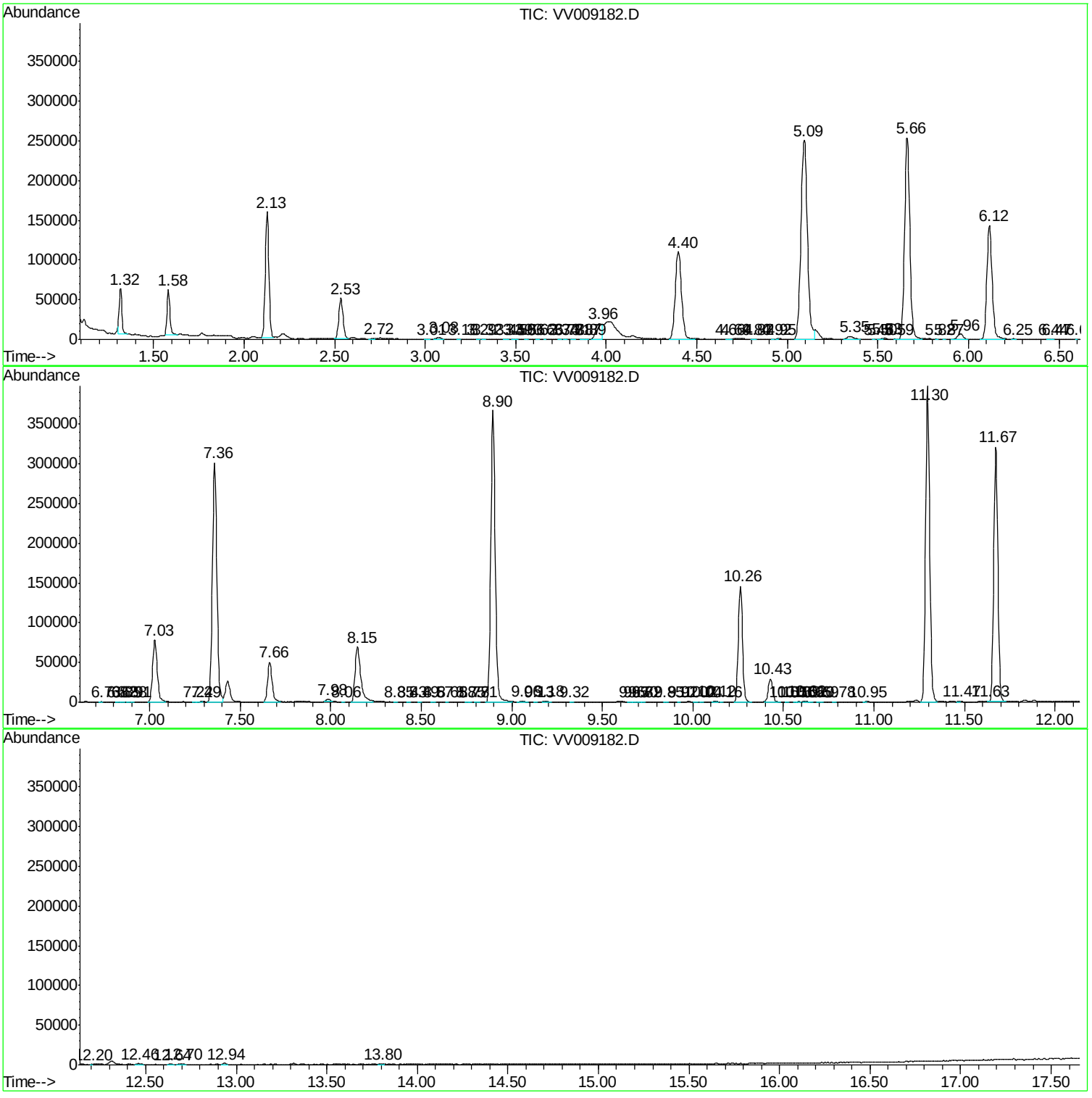
Operator : SY/MD
Sample : K1050-04
Misc : 6.15 G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** BE9W1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM010419S.M
Quant Title : VOC Analysis

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV010719\
Data File : VV009182.D
Acq On : 07 Jan 2019 14:34
Operator : SY/MD
Sample : K1050-04
Misc : 6.15 G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
BE9W1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM010419S.M
Quant Title : VOC Analysis

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

No Library Search Compounds Detected

**********

Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV010719\
Data File : VV009182.D
Acq On : 07 Jan 2019 14:34
Operator : SY/MD
Sample : K1050-04
Misc : 6.15 G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** BE9W1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM010419S.M
Quant Title : VOC Analysis

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

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