LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV041119\
Data File : VV010267.D
Acq On : 12 Apr 2019 03:13
Operator : SY/MD
Sample : K2354-09
Misc : 5.91G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** BF164

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\SOM2VLM041019S.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 | 1.312 | 64 | 69 | 79 | rVB | 82819 | 85583 | 11.45% | 1.514% |
| 2 | 1.563 | 143 | 147 | 160 | rVB | 105011 | 119026 | 15.92% | 2.105% |
| 3 | 2.116 | 311 | 319 | 332 | rVB | 194830 | 275263 | 36.82% | 4.868% |
| 4 | 2.331 | 384 | 386 | 389 | rBV2 | 663 | 496 | 0.07% | 0.009% |
| 5 | 2.460 | 424 | 426 | 429 | rBV2 | 510 | 299 | 0.04% | 0.005% |
| 6 | 2.531 | 439 | 448 | 460 | rVB2 | 13733 | 24097 | 3.22% | 0.426% |
| 7 | 2.646 | 471 | 484 | 497 | rBV2 | 12408 | 27965 | 3.74% | 0.495% |
| 8 | 2.733 | 507 | 511 | 513 | rBV2 | 762 | 477 | 0.06% | 0.008% |
| 9 | 2.753 | 515 | 517 | 519 | rVB2 | 741 | 318 | 0.04% | 0.006% |
| 10 | 2.801 | 529 | 532 | 534 | rVB2 | 549 | 288 | 0.04% | 0.005% |
| 11 | 2.862 | 548 | 551 | 554 | rBV3 | 511 | 364 | 0.05% | 0.006% |
| 12 | 2.900 | 559 | 563 | 567 | rVV2 | 365 | 346 | 0.05% | 0.006% |
| 13 | 3.023 | 598 | 601 | 605 | rVB | 512 | 465 | 0.06% | 0.008% |
| 14 | 3.068 | 605 | 615 | 624 | rBV7 | 2429 | 5098 | 0.68% | 0.090% |
| 15 | 3.164 | 642 | 645 | 647 | rVB2 | 575 | 261 | 0.03% | 0.005% |
| 16 | 3.338 | 695 | 699 | 702 | rBV | 453 | 343 | 0.05% | 0.006% |
| 17 | 3.531 | 756 | 759 | 762 | rBV | 560 | 400 | 0.05% | 0.007% |
| 18 | 3.704 | 810 | 813 | 817 | rBV2 | 472 | 336 | 0.04% | 0.006% |
| 19 | 3.740 | 821 | 824 | 829 | rBV2 | 246 | 224 | 0.03% | 0.004% |
| 20 | 3.878 | 864 | 867 | 870 | rBV | 510 | 329 | 0.04% | 0.006% |
| 21 | 3.936 | 874 | 885 | 917 | rBV3 | 26786 | 92929 | 12.43% | 1.644% |
| 22 | 4.122 | 940 | 943 | 947 | rBV2 | 695 | 428 | 0.06% | 0.008% |
| 23 | 4.312 | 997 | 1002 | 1003 | rBV2 | 505 | 333 | 0.04% | 0.006% |
| 24 | 4.396 | 1009 | 1028 | 1052 | rBV2 | 129941 | 321110 | 42.95% | 5.679% |
| 25 | 4.521 | 1064 | 1067 | 1070 | rVB | 767 | 488 | 0.07% | 0.009% |
| 26 | 4.589 | 1086 | 1088 | 1090 | rBV2 | 411 | 260 | 0.03% | 0.005% |
| 27 | 4.682 | 1116 | 1117 | 1125 | rVB2 | 433 | 376 | 0.05% | 0.007% |
| 28 | 4.727 | 1127 | 1131 | 1133 | rBV2 | 418 | 289 | 0.04% | 0.005% |
| 29 | 4.794 | 1149 | 1152 | 1156 | rBV2 | 552 | 430 | 0.06% | 0.008% |
| 30 | 4.981 | 1207 | 1210 | 1213 | rVB2 | 305 | 250 | 0.03% | 0.004% |
| 31 | 5.019 | 1216 | 1222 | 1223 | rBV | 329 | 311 | 0.04% | 0.006% |
| 32 | 5.090 | 1226 | 1244 | 1270 | rBV3 | 296885 | 747623 | 100.00% | 13.223% |
| 33 | 5.386 | 1334 | 1336 | 1339 | rBV2 | 516 | 268 | 0.04% | 0.005% |
| 34 | 5.453 | 1352 | 1357 | 1360 | rVB2 | 515 | 458 | 0.06% | 0.008% |

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Sample : K2354-09
Misc : 5.91G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** BF164

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\SOM2VLM041019S.M
Title : VOC Analysis

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 35 | 5.479 | 1361 | 1365 | 1367 | rBV | 362 | 238 | 0.03% | 0.004% |
| 36 | 5.572 | 1391 | 1394 | 1397 | rVB3 | 480 | 248 | 0.03% | 0.004% |
| 37 | 5.659 | 1406 | 1421 | 1440 | rBV | 277735 | 554105 | 74.12% | 9.800% |
| 38 | 5.942 | 1502 | 1509 | 1522 | rVB7 | 4177 | 7967 | 1.07% | 0.141% |
| 39 | 6.113 | 1549 | 1562 | 1586 | rBV | 166189 | 341371 | 45.66% | 6.038% |
| 40 | 6.309 | 1621 | 1623 | 1626 | rVB2 | 544 | 230 | 0.03% | 0.004% |
| 41 | 6.363 | 1638 | 1640 | 1643 | rBV3 | 419 | 276 | 0.04% | 0.005% |
| 42 | 6.415 | 1654 | 1656 | 1663 | rVB4 | 722 | 596 | 0.08% | 0.011% |
| 43 | 6.447 | 1663 | 1666 | 1668 | rBV3 | 867 | 515 | 0.07% | 0.009% |
| 44 | 6.572 | 1702 | 1705 | 1709 | rBV2 | 541 | 417 | 0.06% | 0.007% |
| 45 | 6.595 | 1709 | 1712 | 1714 | rBV | 397 | 226 | 0.03% | 0.004% |
| 46 | 6.704 | 1737 | 1746 | 1751 | rBV4 | 1335 | 2054 | 0.27% | 0.036% |
| 47 | 6.794 | 1771 | 1774 | 1776 | rBV2 | 382 | 233 | 0.03% | 0.004% |
| 48 | 7.026 | 1832 | 1846 | 1865 | rBV | 78022 | 144913 | 19.38% | 2.563% |
| 49 | 7.125 | 1873 | 1877 | 1880 | rVB | 764 | 613 | 0.08% | 0.011% |
| 50 | 7.145 | 1880 | 1883 | 1888 | rBV3 | 779 | 673 | 0.09% | 0.012% |
| 51 | 7.225 | 1904 | 1908 | 1910 | rBV2 | 370 | 290 | 0.04% | 0.005% |
| 52 | 7.357 | 1935 | 1949 | 1967 | rBV | 327087 | 573560 | 76.72% | 10.144% |
| 53 | 7.662 | 2034 | 2044 | 2062 | rBV2 | 52492 | 89993 | 12.04% | 1.592% |
| 54 | 7.817 | 2089 | 2092 | 2095 | rBV2 | 935 | 763 | 0.10% | 0.013% |
| 55 | 7.923 | 2123 | 2125 | 2129 | rVB | 474 | 249 | 0.03% | 0.004% |
| 56 | 8.135 | 2180 | 2191 | 2206 | rBV | 99075 | 176413 | 23.60% | 3.120% |
| 57 | 8.399 | 2269 | 2273 | 2275 | rVB3 | 540 | 375 | 0.05% | 0.007% |
| 58 | 8.540 | 2315 | 2317 | 2321 | rVB | 443 | 227 | 0.03% | 0.004% |
| 59 | 8.772 | 2385 | 2389 | 2394 | rBV2 | 344 | 308 | 0.04% | 0.005% |
| 60 | 8.894 | 2415 | 2427 | 2447 | rBV | 393340 | 650203 | 86.97% | 11.500% |
| 61 | 9.077 | 2483 | 2484 | 2487 | rVB | 1029 | 401 | 0.05% | 0.007% |
| 62 | 9.350 | 2567 | 2569 | 2574 | rBV2 | 470 | 374 | 0.05% | 0.007% |
| 63 | 9.495 | 2610 | 2614 | 2619 | rVB4 | 533 | 496 | 0.07% | 0.009% |
| 64 | 9.537 | 2623 | 2627 | 2631 | rBV3 | 886 | 669 | 0.09% | 0.012% |
| 65 | 9.633 | 2655 | 2657 | 2661 | rBV2 | 547 | 467 | 0.06% | 0.008% |
| 66 | 9.678 | 2666 | 2671 | 2678 | rBV3 | 596 | 845 | 0.11% | 0.015% |
| 67 | 9.772 | 2697 | 2700 | 2703 | rVB2 | 547 | 346 | 0.05% | 0.006% |
| 68 | 9.997 | 2766 | 2770 | 2773 | rBV2 | 366 | 250 | 0.03% | 0.004% |
| 69 | 10.042 | 2782 | 2784 | 2787 | rBV | 399 | 272 | 0.04% | 0.005% |
| 70 | 10.128 | 2809 | 2811 | 2814 | rVB2 | 661 | 404 | 0.05% | 0.007% |
| 71 | 10.196 | 2828 | 2832 | 2833 | rBV2 | 433 | 266 | 0.04% | 0.005% |

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Sample : K2354-09
Misc : 5.91G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** BF164

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\SOM2VLM041019S.M
Title : VOC Analysis

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 72 | 10.260 | 2841 | 2852 | 2870 | rBV | 176788 | 280218 | 37.48% | 4.956% |
| 73 | 10.421 | 2894 | 2902 | 2914 | rBV3 | 6043 | 10580 | 1.42% | 0.187% |
| 74 | 10.518 | 2929 | 2932 | 2934 | rBV2 | 481 | 323 | 0.04% | 0.006% |
| 75 | 10.964 | 3061 | 3071 | 3073 | rBV3 | 1092 | 1392 | 0.19% | 0.025% |
| 76 | 11.135 | 3121 | 3124 | 3129 | rVB2 | 719 | 491 | 0.07% | 0.009% |
| 77 | 11.161 | 3129 | 3132 | 3134 | rBV | 570 | 403 | 0.05% | 0.007% |
| 78 | 11.222 | 3149 | 3151 | 3153 | rBV3 | 720 | 355 | 0.05% | 0.006% |
| 79 | 11.235 | 3153 | 3155 | 3162 | rVB6 | 1622 | 1301 | 0.17% | 0.023% |
| 80 | 11.296 | 3162 | 3174 | 3192 | rBV | 354278 | 578467 | 77.37% | 10.231% |
| 81 | 11.672 | 3279 | 3291 | 3309 | rVV | 315938 | 513839 | 68.73% | 9.088% |
| 82 | 11.749 | 3313 | 3315 | 3318 | rVB3 | 745 | 392 | 0.05% | 0.007% |
| 83 | 11.829 | 3338 | 3340 | 3345 | rVB2 | 773 | 504 | 0.07% | 0.009% |
| 84 | 11.948 | 3373 | 3377 | 3381 | rBV3 | 603 | 432 | 0.06% | 0.008% |
| 85 | 12.026 | 3397 | 3401 | 3403 | rBV2 | 567 | 412 | 0.06% | 0.007% |
| 86 | 12.045 | 3403 | 3407 | 3410 | rBV2 | 427 | 379 | 0.05% | 0.007% |
| 87 | 12.701 | 3609 | 3611 | 3614 | rVB2 | 664 | 242 | 0.03% | 0.004% |
| 88 | 12.871 | 3660 | 3664 | 3665 | rBV2 | 761 | 454 | 0.06% | 0.008% |
| 89 | 13.022 | 3708 | 3711 | 3714 | rBV | 393 | 313 | 0.04% | 0.006% |
| 90 | 13.093 | 3731 | 3733 | 3738 | rBV2 | 410 | 254 | 0.03% | 0.004% |
| 91 | 13.141 | 3745 | 3748 | 3751 | rVB3 | 460 | 273 | 0.04% | 0.005% |
| 92 | 13.286 | 3791 | 3793 | 3796 | rBV3 | 657 | 389 | 0.05% | 0.007% |
| 93 | 13.373 | 3816 | 3820 | 3824 | rBV3 | 679 | 551 | 0.07% | 0.010% |
| 94 | 13.527 | 3865 | 3868 | 3871 | rVB2 | 607 | 398 | 0.05% | 0.007% |
| 95 | 13.566 | 3878 | 3880 | 3884 | rVB2 | 747 | 331 | 0.04% | 0.006% |
| 96 | 14.096 | 4043 | 4045 | 4047 | rBV2 | 563 | 304 | 0.04% | 0.005% |
| 97 | 14.196 | 4073 | 4076 | 4079 | rBV3 | 750 | 631 | 0.08% | 0.011% |
| 98 | 14.379 | 4130 | 4133 | 4134 | rBV | 559 | 310 | 0.04% | 0.005% |
| 99 | 14.408 | 4140 | 4142 | 4146 | rBV3 | 622 | 381 | 0.05% | 0.007% |
| 100 | 15.363 | 4437 | 4439 | 4440 | rBV | 1086 | 459 | 0.06% | 0.008% |

Sum of corrected areas: 5654155

LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV041119\
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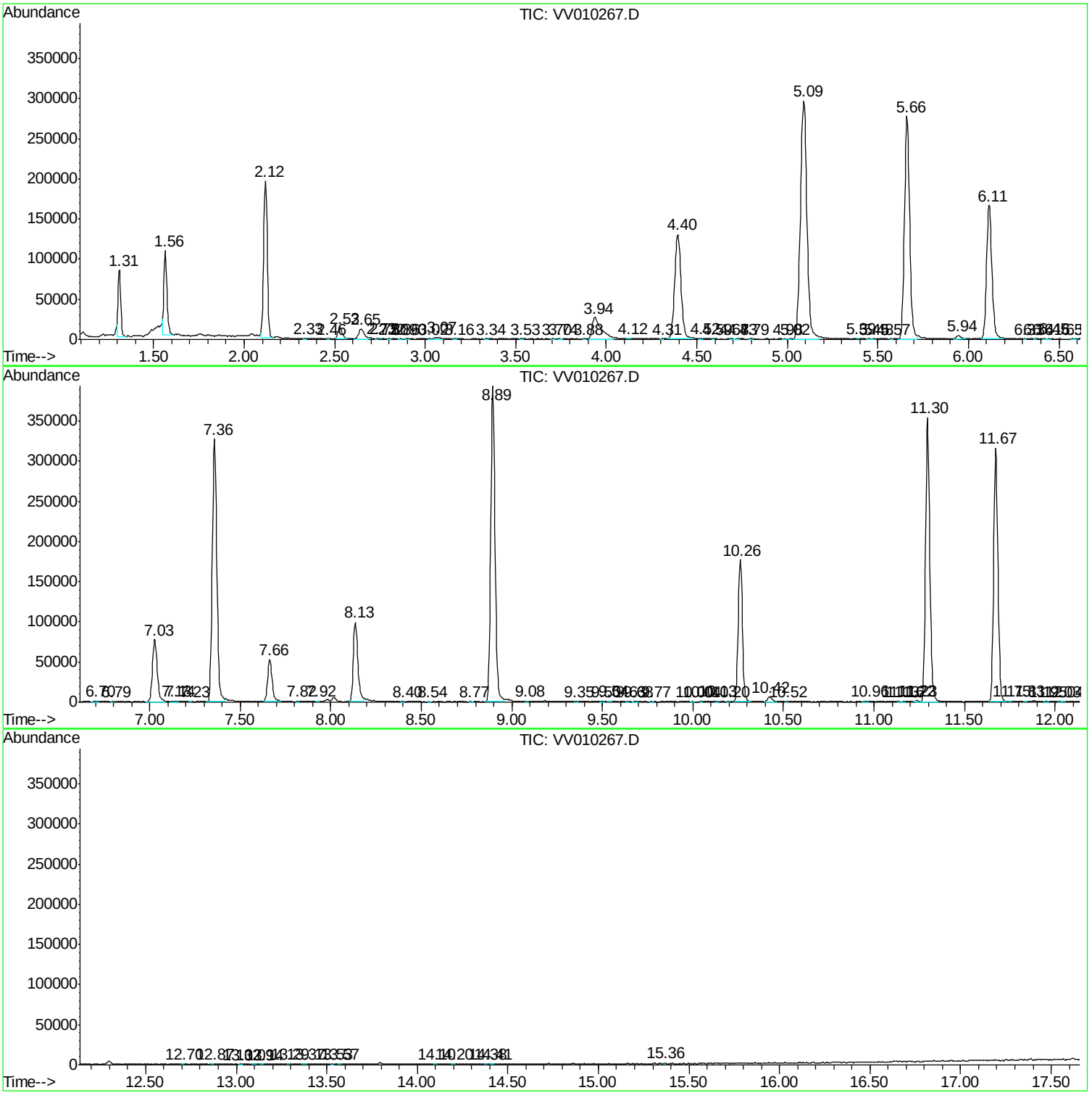
Sample : K2354-09
Misc : 5.91G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** BF164

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041019S.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\VV041119\
Data File : VV010267.D
Acq On : 12 Apr 2019 03:13
Operator : SY/MD
Sample : K2354-09
Misc : 5.91G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
BF164

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041019S.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\VV041119\
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Acq On : 12 Apr 2019 03:13
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Misc : 5.91G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** BF164

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041019S.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 |