LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV041119\
Data File : VV010236.D
Acq On : 11 Apr 2019 11:52
Operator : SY/MD
Sample : K2304-01
Misc : 5.41G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** BF888

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 | 1.316 | 64 | 70 | 78 | rVB | 116242 | 108539 | 11.97% | 1.597% |
| 2 | 1.576 | 144 | 151 | 163 | rVB | 102586 | 124752 | 13.76% | 1.835% |
| 3 | 2.126 | 312 | 322 | 333 | rVB | 270044 | 381305 | 42.05% | 5.609% |
| 4 | 2.370 | 395 | 398 | 402 | rVB2 | 769 | 440 | 0.05% | 0.006% |
| 5 | 2.447 | 420 | 422 | 425 | rBV | 551 | 231 | 0.03% | 0.003% |
| 6 | 2.531 | 437 | 448 | 460 | rBV | 31271 | 52135 | 5.75% | 0.767% |
| 7 | 2.621 | 474 | 476 | 478 | rBV2 | 628 | 284 | 0.03% | 0.004% |
| 8 | 2.634 | 478 | 480 | 482 | rBV2 | 576 | 338 | 0.04% | 0.005% |
| 9 | 2.740 | 511 | 513 | 515 | rBV | 391 | 204 | 0.02% | 0.003% |
| 10 | 3.033 | 597 | 604 | 607 | rBV3 | 1195 | 1132 | 0.12% | 0.017% |
| 11 | 3.061 | 607 | 613 | 616 | rBV4 | 2423 | 2862 | 0.32% | 0.042% |
| 12 | 3.129 | 632 | 634 | 639 | rVB2 | 299 | 218 | 0.02% | 0.003% |
| 13 | 3.164 | 641 | 645 | 649 | rVB3 | 639 | 591 | 0.07% | 0.009% |
| 14 | 3.187 | 649 | 652 | 657 | rBV2 | 563 | 493 | 0.05% | 0.007% |
| 15 | 3.238 | 665 | 668 | 671 | rVB2 | 569 | 367 | 0.04% | 0.005% |
| 16 | 3.293 | 683 | 685 | 690 | rBV2 | 584 | 304 | 0.03% | 0.004% |
| 17 | 3.322 | 690 | 694 | 699 | rBV2 | 293 | 212 | 0.02% | 0.003% |
| 18 | 3.534 | 758 | 760 | 765 | rBV3 | 563 | 356 | 0.04% | 0.005% |
| 19 | 3.663 | 798 | 800 | 802 | rBV | 379 | 227 | 0.03% | 0.003% |
| 20 | 3.856 | 858 | 860 | 864 | rVB | 483 | 314 | 0.03% | 0.005% |
| 21 | 3.923 | 870 | 881 | 906 | rBV | 25713 | 66065 | 7.29% | 0.972% |
| 22 | 4.315 | 1001 | 1003 | 1006 | rBV2 | 647 | 357 | 0.04% | 0.005% |
| 23 | 4.396 | 1009 | 1028 | 1051 | rBV2 | 159257 | 395691 | 43.64% | 5.821% |
| 24 | 4.708 | 1120 | 1125 | 1129 | rBV7 | 1046 | 1063 | 0.12% | 0.016% |
| 25 | 4.727 | 1129 | 1131 | 1137 | rVB2 | 1152 | 751 | 0.08% | 0.011% |
| 26 | 4.759 | 1137 | 1141 | 1144 | rBV2 | 406 | 291 | 0.03% | 0.004% |
| 27 | 4.791 | 1149 | 1151 | 1154 | rBV2 | 463 | 224 | 0.02% | 0.003% |
| 28 | 4.865 | 1171 | 1174 | 1176 | rBV2 | 730 | 488 | 0.05% | 0.007% |
| 29 | 4.949 | 1197 | 1200 | 1204 | rBV | 338 | 309 | 0.03% | 0.005% |
| 30 | 5.090 | 1224 | 1244 | 1273 | rBV2 | 358122 | 906745 | 100.00% | 13.338% |
| 31 | 5.241 | 1289 | 1291 | 1294 | rVB2 | 1614 | 730 | 0.08% | 0.011% |
| 32 | 5.444 | 1350 | 1354 | 1355 | rBV3 | 567 | 440 | 0.05% | 0.006% |
| 33 | 5.486 | 1362 | 1367 | 1372 | rBV4 | 769 | 922 | 0.10% | 0.014% |
| 34 | 5.518 | 1374 | 1377 | 1383 | rVB4 | 612 | 621 | 0.07% | 0.009% |

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV041119\
Data File : VV010236.D
Acq On : 11 Apr 2019 11:52
Operator : SY/MD
Sample : K2304-01
Misc : 5.41G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** BF888

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 | 5.659 | 1406 | 1421 | 1443 | rBV | 322622 | 648177 | 71.48% | 9.535% |
| 36 | 6.113 | 1548 | 1562 | 1579 | rBV | 207767 | 420098 | 46.33% | 6.180% |
| 37 | 6.386 | 1643 | 1647 | 1650 | rBV3 | 579 | 502 | 0.06% | 0.007% |
| 38 | 6.412 | 1654 | 1655 | 1661 | rVB | 742 | 326 | 0.04% | 0.005% |
| 39 | 6.605 | 1713 | 1715 | 1718 | rVB2 | 605 | 265 | 0.03% | 0.004% |
| 40 | 6.634 | 1718 | 1724 | 1725 | rBV | 468 | 426 | 0.05% | 0.006% |
| 41 | 6.688 | 1738 | 1741 | 1746 | rBV5 | 605 | 494 | 0.05% | 0.007% |
| 42 | 6.778 | 1766 | 1769 | 1772 | rVB3 | 596 | 338 | 0.04% | 0.005% |
| 43 | 6.897 | 1804 | 1806 | 1809 | rBV2 | 600 | 314 | 0.03% | 0.005% |
| 44 | 6.913 | 1809 | 1811 | 1815 | rVB | 538 | 300 | 0.03% | 0.004% |
| 45 | 6.958 | 1821 | 1825 | 1826 | rBV2 | 411 | 203 | 0.02% | 0.003% |
| 46 | 7.026 | 1833 | 1846 | 1865 | rBV | 105376 | 186879 | 20.61% | 2.749% |
| 47 | 7.206 | 1900 | 1902 | 1904 | rVB3 | 631 | 239 | 0.03% | 0.004% |
| 48 | 7.219 | 1904 | 1906 | 1908 | rVB3 | 696 | 290 | 0.03% | 0.004% |
| 49 | 7.309 | 1931 | 1934 | 1935 | rBV2 | 578 | 315 | 0.03% | 0.005% |
| 50 | 7.357 | 1936 | 1949 | 1966 | rBV | 443600 | 772455 | 85.19% | 11.363% |
| 51 | 7.659 | 2032 | 2043 | 2056 | rBV2 | 67717 | 114064 | 12.58% | 1.678% |
| 52 | 7.968 | 2135 | 2139 | 2140 | rBV3 | 744 | 527 | 0.06% | 0.008% |
| 53 | 8.016 | 2149 | 2154 | 2162 | rVB5 | 2182 | 2772 | 0.31% | 0.041% |
| 54 | 8.129 | 2179 | 2189 | 2201 | rBV | 72108 | 131367 | 14.49% | 1.932% |
| 55 | 8.428 | 2280 | 2282 | 2284 | rBV2 | 493 | 201 | 0.02% | 0.003% |
| 56 | 8.576 | 2326 | 2328 | 2333 | rVB4 | 490 | 345 | 0.04% | 0.005% |
| 57 | 8.624 | 2340 | 2343 | 2346 | rVB2 | 544 | 327 | 0.04% | 0.005% |
| 58 | 8.643 | 2346 | 2349 | 2352 | rBV2 | 544 | 383 | 0.04% | 0.006% |
| 59 | 8.688 | 2361 | 2363 | 2367 | rBV2 | 554 | 262 | 0.03% | 0.004% |
| 60 | 8.894 | 2413 | 2427 | 2450 | rBV | 472243 | 794457 | 87.62% | 11.687% |
| 61 | 9.138 | 2496 | 2503 | 2505 | rBV2 | 487 | 554 | 0.06% | 0.008% |
| 62 | 9.161 | 2505 | 2510 | 2511 | rBV | 461 | 320 | 0.04% | 0.005% |
| 63 | 9.180 | 2514 | 2516 | 2518 | rBV3 | 647 | 448 | 0.05% | 0.007% |
| 64 | 9.225 | 2528 | 2530 | 2534 | rBV2 | 469 | 334 | 0.04% | 0.005% |
| 65 | 9.251 | 2537 | 2538 | 2542 | rVB2 | 744 | 402 | 0.04% | 0.006% |
| 66 | 9.283 | 2544 | 2548 | 2550 | rBV2 | 344 | 287 | 0.03% | 0.004% |
| 67 | 9.408 | 2585 | 2587 | 2589 | rBV2 | 435 | 272 | 0.03% | 0.004% |
| 68 | 9.453 | 2598 | 2601 | 2604 | rBV | 448 | 327 | 0.04% | 0.005% |
| 69 | 9.643 | 2656 | 2660 | 2663 | rBV3 | 384 | 329 | 0.04% | 0.005% |
| 70 | 10.113 | 2804 | 2806 | 2809 | rBV | 446 | 253 | 0.03% | 0.004% |
| 71 | 10.161 | 2818 | 2821 | 2822 | rBV2 | 364 | 208 | 0.02% | 0.003% |

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV041119\
Data File : VV010236.D
Acq On : 11 Apr 2019 11:52
Operator : SY/MD
Sample : K2304-01
Misc : 5.41G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** BF888

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 | 10.261 | 2840 | 2852 | 2867 | rBV | 172543 | 278591 | 30.72% | 4.098% |
| 73 | 10.421 | 2894 | 2902 | 2912 | rBV4 | 4944 | 7508 | 0.83% | 0.110% |
| 74 | 10.543 | 2933 | 2940 | 2943 | rBV4 | 583 | 673 | 0.07% | 0.010% |
| 75 | 10.762 | 3005 | 3008 | 3009 | rBV | 466 | 233 | 0.03% | 0.003% |
| 76 | 10.859 | 3035 | 3038 | 3042 | rBV2 | 654 | 448 | 0.05% | 0.007% |
| 77 | 10.894 | 3047 | 3049 | 3054 | rVB2 | 638 | 380 | 0.04% | 0.006% |
| 78 | 10.913 | 3054 | 3055 | 3063 | rBV2 | 295 | 282 | 0.03% | 0.004% |
| 79 | 10.955 | 3063 | 3068 | 3070 | rBV3 | 835 | 707 | 0.08% | 0.010% |
| 80 | 11.016 | 3084 | 3087 | 3089 | rBV2 | 545 | 276 | 0.03% | 0.004% |
| 81 | 11.219 | 3147 | 3150 | 3151 | rBV | 1267 | 774 | 0.09% | 0.011% |
| 82 | 11.296 | 3162 | 3174 | 3192 | rBV | 394929 | 701466 | 77.36% | 10.319% |
| 83 | 11.412 | 3208 | 3210 | 3212 | rBV2 | 934 | 531 | 0.06% | 0.008% |
| 84 | 11.608 | 3269 | 3271 | 3276 | rBV2 | 397 | 347 | 0.04% | 0.005% |
| 85 | 11.672 | 3279 | 3291 | 3308 | rVV | 383264 | 659111 | 72.69% | 9.696% |
| 86 | 11.939 | 3370 | 3374 | 3376 | rBV3 | 499 | 378 | 0.04% | 0.006% |
| 87 | 12.196 | 3450 | 3454 | 3456 | rBV3 | 475 | 277 | 0.03% | 0.004% |
| 88 | 12.212 | 3457 | 3459 | 3462 | rVB | 573 | 263 | 0.03% | 0.004% |
| 89 | 12.299 | 3477 | 3486 | 3497 | rBV4 | 3017 | 5200 | 0.57% | 0.076% |
| 90 | 12.534 | 3557 | 3559 | 3564 | rVB2 | 565 | 255 | 0.03% | 0.004% |
| 91 | 12.621 | 3583 | 3586 | 3588 | rBV2 | 483 | 269 | 0.03% | 0.004% |
| 92 | 12.698 | 3606 | 3610 | 3619 | rVB4 | 1476 | 1600 | 0.18% | 0.024% |
| 93 | 13.270 | 3786 | 3788 | 3791 | rBV2 | 439 | 308 | 0.03% | 0.005% |
| 94 | 13.296 | 3794 | 3796 | 3797 | rBV | 623 | 298 | 0.03% | 0.004% |
| 95 | 13.617 | 3894 | 3896 | 3902 | rBV2 | 414 | 355 | 0.04% | 0.005% |
| 96 | 13.743 | 3933 | 3935 | 3937 | rBV2 | 606 | 224 | 0.02% | 0.003% |
| 97 | 13.797 | 3946 | 3952 | 3959 | rVB4 | 4835 | 5497 | 0.61% | 0.081% |
| 98 | 14.154 | 4061 | 4063 | 4067 | rBV3 | 441 | 280 | 0.03% | 0.004% |
| 99 | 14.199 | 4073 | 4077 | 4080 | rBV3 | 666 | 564 | 0.06% | 0.008% |
| 100 | 14.296 | 4103 | 4107 | 4111 | rBV2 | 873 | 849 | 0.09% | 0.012% |

Sum of corrected areas: 6798005

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV041119\
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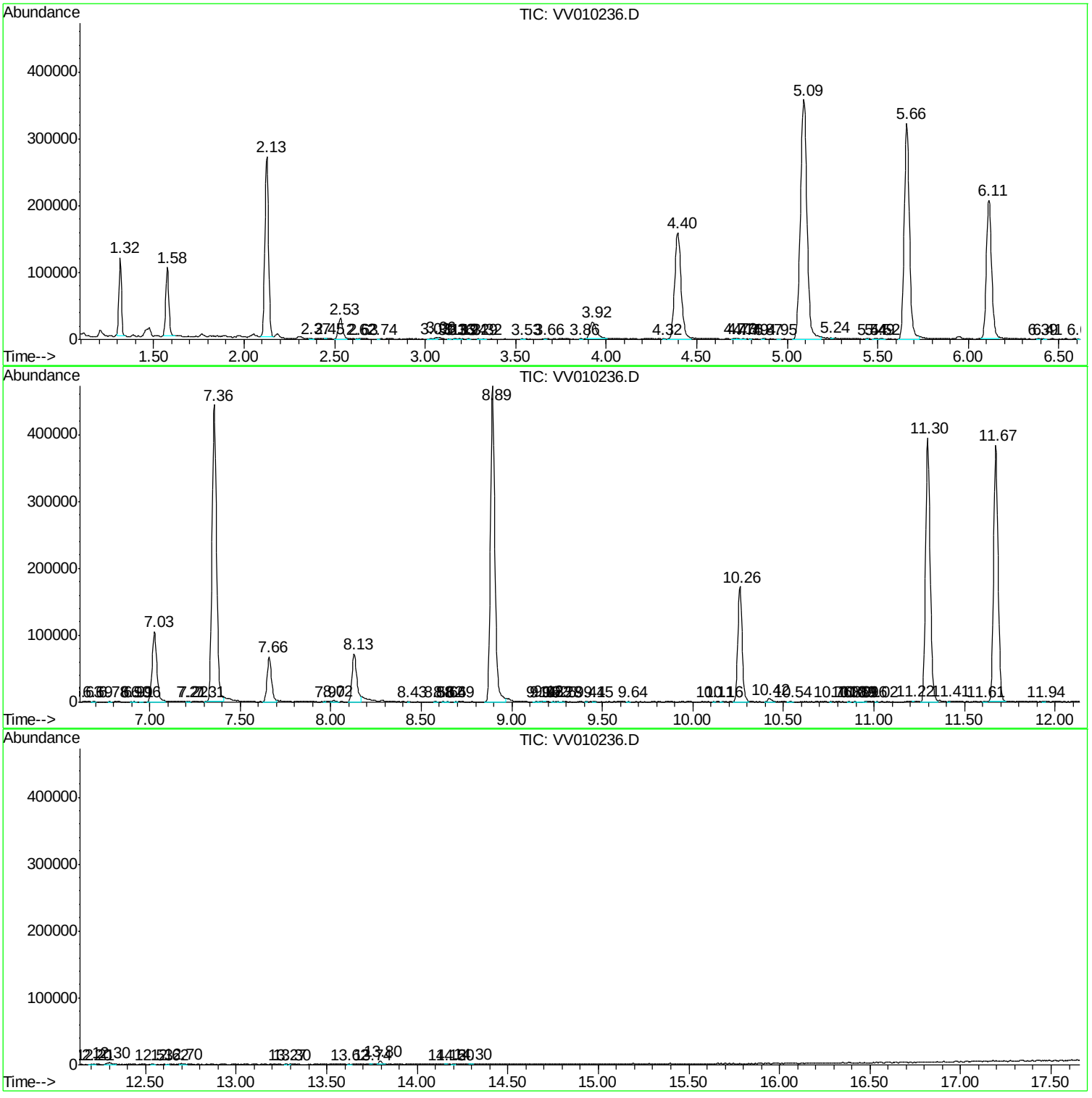
Sample : K2304-01
Misc : 5.41G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
BF888

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 : VV010236.D
Acq On : 11 Apr 2019 11:52
Operator : SY/MD
Sample : K2304-01
Misc : 5.41G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
BF888

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\
Data File : VV010236.D
Acq On : 11 Apr 2019 11:52
Operator : SY/MD
Sample : K2304-01
Misc : 5.41G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** BF888

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 |