LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU010719\
Data File : VU029074.D
Acq On : 07 Jan 2019 22:17
Operator : MD/SY
Sample : K1051-10
Misc : 5.32g/10mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 31 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** BE9X8

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_U\METHOD\SOMULM122018WMA.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 | 1.395 | 62 | 69 | 89 | rVB | 81326 | 97741 | 14.69% | 1.834% |
| 2 | 1.640 | 140 | 145 | 153 | rBV | 65253 | 71443 | 10.74% | 1.340% |
| 3 | 2.225 | 316 | 327 | 342 | rBV | 137901 | 213445 | 32.08% | 4.004% |
| 4 | 2.405 | 381 | 383 | 385 | rBV | 175 | 89 | 0.01% | 0.002% |
| 5 | 2.543 | 418 | 426 | 427 | rBV | 603 | 663 | 0.10% | 0.012% |
| 6 | 2.681 | 461 | 469 | 478 | rVB5 | 903 | 1498 | 0.23% | 0.028% |
| 7 | 2.829 | 504 | 515 | 527 | rBV2 | 2517 | 5095 | 0.77% | 0.096% |
| 8 | 2.900 | 534 | 537 | 540 | rBV2 | 163 | 109 | 0.02% | 0.002% |
| 9 | 3.128 | 606 | 608 | 613 | rBV | 172 | 90 | 0.01% | 0.002% |
| 10 | 3.318 | 661 | 667 | 670 | rBV | 120 | 114 | 0.02% | 0.002% |
| 11 | 3.623 | 760 | 762 | 771 | rVB | 201 | 138 | 0.02% | 0.003% |
| 12 | 3.938 | 857 | 860 | 864 | rVB | 148 | 103 | 0.02% | 0.002% |
| 13 | 4.003 | 877 | 880 | 883 | rVB2 | 162 | 111 | 0.02% | 0.002% |
| 14 | 4.138 | 918 | 922 | 928 | rBV | 110 | 129 | 0.02% | 0.002% |
| 15 | 4.199 | 928 | 941 | 978 | rBV | 48050 | 156240 | 23.48% | 2.931% |
| 16 | 4.488 | 1028 | 1031 | 1033 | rBV | 209 | 172 | 0.03% | 0.003% |
| 17 | 4.639 | 1060 | 1078 | 1106 | rVB | 103317 | 250618 | 37.66% | 4.702% |
| 18 | 4.874 | 1147 | 1151 | 1153 | rBV | 430 | 360 | 0.05% | 0.007% |
| 19 | 4.967 | 1178 | 1180 | 1183 | rVV2 | 186 | 114 | 0.02% | 0.002% |
| 20 | 4.983 | 1183 | 1185 | 1187 | rVB2 | 235 | 95 | 0.01% | 0.002% |
| 21 | 5.122 | 1225 | 1228 | 1232 | rBV2 | 279 | 158 | 0.02% | 0.003% |
| 22 | 5.324 | 1270 | 1291 | 1319 | rBV2 | 239588 | 665452 | 100.00% | 12.484% |
| 23 | 5.546 | 1356 | 1360 | 1364 | rVB | 312 | 232 | 0.03% | 0.004% |
| 24 | 5.572 | 1365 | 1368 | 1369 | rBV | 210 | 102 | 0.02% | 0.002% |
| 25 | 5.623 | 1377 | 1384 | 1391 | rBV4 | 700 | 1034 | 0.16% | 0.019% |
| 26 | 5.697 | 1403 | 1407 | 1408 | rBV | 144 | 110 | 0.02% | 0.002% |
| 27 | 5.720 | 1411 | 1414 | 1418 | rVB2 | 197 | 167 | 0.03% | 0.003% |
| 28 | 5.807 | 1437 | 1441 | 1443 | rBV | 117 | 99 | 0.01% | 0.002% |
| 29 | 5.880 | 1450 | 1464 | 1491 | rBV | 219396 | 446368 | 67.08% | 8.374% |
| 30 | 6.180 | 1551 | 1557 | 1569 | rBV6 | 1479 | 2828 | 0.42% | 0.053% |
| 31 | 6.250 | 1573 | 1579 | 1589 | rVV3 | 1000 | 1758 | 0.26% | 0.033% |
| 32 | 6.324 | 1589 | 1602 | 1633 | rVB | 148856 | 309124 | 46.45% | 5.799% |
| 33 | 6.450 | 1637 | 1641 | 1642 | rBV | 267 | 181 | 0.03% | 0.003% |
| 34 | 6.488 | 1651 | 1653 | 1655 | rBV2 | 177 | 103 | 0.02% | 0.002% |

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU010719\
Data File : VU029074.D
Acq On : 07 Jan 2019 22:17
Operator : MD/SY
Sample : K1051-10
Misc : 5.32g/10mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 31 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** BE9X8

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_U\METHOD\SOMULM122018WMA.M
Title : VOC Analysis

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 35 | 6.514 | 1660 | 1661 | 1664 | rVB | 207 | 107 | 0.02% | 0.002% |
| 36 | 6.591 | 1681 | 1685 | 1688 | rBV2 | 161 | 105 | 0.02% | 0.002% |
| 37 | 6.659 | 1704 | 1706 | 1709 | rVB | 260 | 100 | 0.02% | 0.002% |
| 38 | 6.742 | 1730 | 1732 | 1736 | rVB2 | 189 | 121 | 0.02% | 0.002% |
| 39 | 6.765 | 1736 | 1739 | 1742 | rBV | 155 | 86 | 0.01% | 0.002% |
| 40 | 6.835 | 1757 | 1761 | 1763 | rBV | 200 | 170 | 0.03% | 0.003% |
| 41 | 6.893 | 1776 | 1779 | 1780 | rBV | 290 | 142 | 0.02% | 0.003% |
| 42 | 6.967 | 1798 | 1802 | 1809 | rBV | 101 | 121 | 0.02% | 0.002% |
| 43 | 7.038 | 1821 | 1824 | 1826 | rVB2 | 189 | 111 | 0.02% | 0.002% |
| 44 | 7.170 | 1862 | 1865 | 1870 | rBV2 | 156 | 172 | 0.03% | 0.003% |
| 45 | 7.224 | 1870 | 1882 | 1903 | rBV | 79517 | 151120 | 22.71% | 2.835% |
| 46 | 7.398 | 1932 | 1936 | 1940 | rBV2 | 220 | 189 | 0.03% | 0.004% |
| 47 | 7.462 | 1950 | 1956 | 1957 | rBV2 | 265 | 216 | 0.03% | 0.004% |
| 48 | 7.562 | 1973 | 1987 | 2007 | rBV | 287932 | 525863 | 79.02% | 9.865% |
| 49 | 7.800 | 2056 | 2061 | 2064 | rBV3 | 371 | 409 | 0.06% | 0.008% |
| 50 | 7.848 | 2066 | 2076 | 2095 | rVV | 55383 | 101227 | 15.21% | 1.899% |
| 51 | 7.977 | 2114 | 2116 | 2118 | rVV | 239 | 95 | 0.01% | 0.002% |
| 52 | 8.032 | 2129 | 2133 | 2136 | rBV2 | 182 | 172 | 0.03% | 0.003% |
| 53 | 8.089 | 2145 | 2151 | 2154 | rBV | 116 | 115 | 0.02% | 0.002% |
| 54 | 8.138 | 2164 | 2166 | 2169 | rBV2 | 138 | 108 | 0.02% | 0.002% |
| 55 | 8.324 | 2212 | 2224 | 2246 | rBV | 189207 | 364549 | 54.78% | 6.839% |
| 56 | 8.578 | 2301 | 2303 | 2307 | rBV2 | 234 | 190 | 0.03% | 0.004% |
| 57 | 8.620 | 2312 | 2316 | 2317 | rBV | 318 | 249 | 0.04% | 0.005% |
| 58 | 8.742 | 2351 | 2354 | 2356 | rVB2 | 174 | 98 | 0.01% | 0.002% |
| 59 | 8.800 | 2368 | 2372 | 2375 | rVB2 | 186 | 143 | 0.02% | 0.003% |
| 60 | 8.842 | 2381 | 2385 | 2390 | rBV2 | 182 | 222 | 0.03% | 0.004% |
| 61 | 8.877 | 2394 | 2396 | 2400 | rBV | 153 | 84 | 0.01% | 0.002% |
| 62 | 8.903 | 2401 | 2404 | 2407 | rVB | 175 | 87 | 0.01% | 0.002% |
| 63 | 8.932 | 2411 | 2413 | 2416 | rBV | 163 | 93 | 0.01% | 0.002% |
| 64 | 9.089 | 2450 | 2462 | 2489 | rBV | 313034 | 567495 | 85.28% | 10.646% |
| 65 | 9.279 | 2518 | 2521 | 2523 | rBV | 164 | 119 | 0.02% | 0.002% |
| 66 | 9.356 | 2543 | 2545 | 2547 | rBV | 179 | 113 | 0.02% | 0.002% |
| 67 | 9.421 | 2562 | 2565 | 2568 | rBV | 179 | 165 | 0.02% | 0.003% |
| 68 | 9.462 | 2575 | 2578 | 2581 | rBV2 | 137 | 98 | 0.01% | 0.002% |
| 69 | 9.491 | 2584 | 2587 | 2594 | rVB2 | 248 | 334 | 0.05% | 0.006% |
| 70 | 9.562 | 2603 | 2609 | 2611 | rBV2 | 231 | 206 | 0.03% | 0.004% |
| 71 | 9.597 | 2617 | 2620 | 2622 | rBV2 | 124 | 90 | 0.01% | 0.002% |

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU010719\
Data File : VU029074.D
Acq On : 07 Jan 2019 22:17
Operator : MD/SY
Sample : K1051-10
Misc : 5.32g/10mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 31 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** BE9X8

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_U\METHOD\SOMULM122018WMA.M
Title : VOC Analysis

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 72 | 9.617 | 2623 | 2626 | 2629 | rVB2 | 225 | 164 | 0.02% | 0.003% |
| 73 | 9.723 | 2657 | 2659 | 2663 | rVB | 179 | 122 | 0.02% | 0.002% |
| 74 | 9.922 | 2717 | 2721 | 2724 | rBV2 | 223 | 179 | 0.03% | 0.003% |
| 75 | 9.990 | 2739 | 2742 | 2746 | rBV | 170 | 109 | 0.02% | 0.002% |
| 76 | 10.260 | 2823 | 2826 | 2829 | rVB2 | 163 | 105 | 0.02% | 0.002% |
| 77 | 10.340 | 2846 | 2851 | 2853 | rBV2 | 188 | 170 | 0.03% | 0.003% |
| 78 | 10.359 | 2853 | 2857 | 2864 | rVB2 | 237 | 366 | 0.06% | 0.007% |
| 79 | 10.437 | 2866 | 2881 | 2901 | rBV | 236351 | 383647 | 57.65% | 7.197% |
| 80 | 10.642 | 2942 | 2945 | 2947 | rBV | 186 | 123 | 0.02% | 0.002% |
| 81 | 10.687 | 2954 | 2959 | 2962 | rBV | 194 | 174 | 0.03% | 0.003% |
| 82 | 10.716 | 2966 | 2968 | 2971 | rVB | 217 | 95 | 0.01% | 0.002% |
| 83 | 10.742 | 2971 | 2976 | 2978 | rBV2 | 217 | 164 | 0.02% | 0.003% |
| 84 | 10.793 | 2987 | 2992 | 2995 | rBV | 205 | 198 | 0.03% | 0.004% |
| 85 | 10.861 | 3010 | 3013 | 3018 | rBV2 | 213 | 188 | 0.03% | 0.004% |
| 86 | 11.298 | 3147 | 3149 | 3152 | rVB | 201 | 83 | 0.01% | 0.002% |
| 87 | 11.388 | 3174 | 3177 | 3182 | rBV | 222 | 198 | 0.03% | 0.004% |
| 88 | 11.427 | 3187 | 3189 | 3191 | rVB | 290 | 120 | 0.02% | 0.002% |
| 89 | 11.485 | 3196 | 3207 | 3230 | rBV | 334328 | 519054 | 78.00% | 9.738% |
| 90 | 11.671 | 3263 | 3265 | 3267 | rBV2 | 226 | 104 | 0.02% | 0.002% |
| 91 | 11.861 | 3311 | 3324 | 3342 | rBV | 299763 | 482304 | 72.48% | 9.048% |
| 92 | 12.109 | 3399 | 3401 | 3402 | rBV | 257 | 107 | 0.02% | 0.002% |
| 93 | 12.237 | 3438 | 3441 | 3446 | rBV | 222 | 160 | 0.02% | 0.003% |
| 94 | 12.565 | 3540 | 3543 | 3547 | rBV2 | 338 | 283 | 0.04% | 0.005% |
| 95 | 12.655 | 3568 | 3571 | 3576 | rBV | 227 | 154 | 0.02% | 0.003% |
| 96 | 12.732 | 3593 | 3595 | 3598 | rBV | 260 | 143 | 0.02% | 0.003% |
| 97 | 12.793 | 3607 | 3614 | 3617 | rBV2 | 321 | 397 | 0.06% | 0.007% |
| 98 | 12.986 | 3671 | 3674 | 3676 | rBV | 180 | 111 | 0.02% | 0.002% |
| 99 | 13.006 | 3677 | 3680 | 3682 | rBV | 303 | 143 | 0.02% | 0.003% |
| 100 | 13.047 | 3691 | 3693 | 3696 | rVB | 225 | 87 | 0.01% | 0.002% |

Sum of corrected areas: 5330419

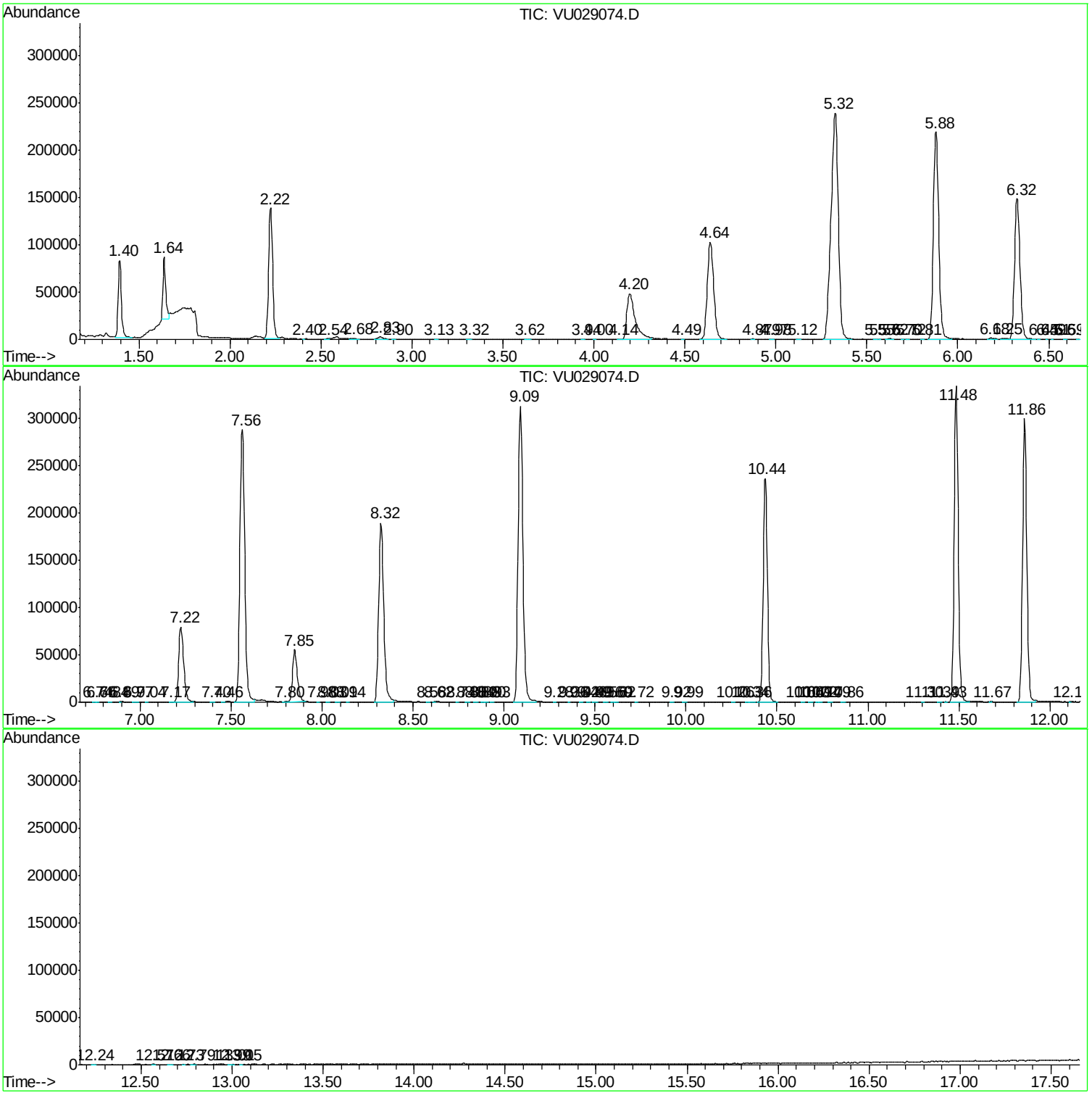
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU010719\
Data File : VU029074.D
Acq On : 07 Jan 2019 22:17
Operator : MD/SY
Sample : K1051-10
Misc : 5.32g/10mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 31 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** BE9X8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.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_U\DATA\VU010719\
Data File : VU029074.D
Acq On : 07 Jan 2019 22:17
Operator : MD/SY
Sample : K1051-10
Misc : 5.32g/10mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 31 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
BE9X8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.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_U\DATA\VU010719\
Data File : VU029074.D
Acq On : 07 Jan 2019 22:17
Operator : MD/SY
Sample : K1051-10
Misc : 5.32g/10mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 31 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** BE9X8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.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 |