LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031720\
Data File : VU037309.D
Acq On : 17 Mar 2020 12:19
Operator : JC/MD
Sample : L1901-06DL 10X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 5 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** C0NC9DL

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\SOMULM031220WMA.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 | 1.485 | 39 | 45 | 58 | rVB3 | 12813 | 24587 | 1.41% | 0.175% |
| 2 | 1.613 | 78 | 85 | 95 | rBV | 206140 | 219127 | 12.54% | 1.562% |
| 3 | 1.929 | 175 | 183 | 198 | rVB | 179980 | 234111 | 13.40% | 1.669% |
| 4 | 2.591 | 377 | 389 | 409 | rBV2 | 326098 | 549501 | 31.45% | 3.917% |
| 5 | 2.784 | 444 | 449 | 452 | rBV3 | 2521 | 2234 | 0.13% | 0.016% |
| 6 | 2.851 | 467 | 470 | 474 | rBV3 | 465 | 440 | 0.03% | 0.003% |
| 7 | 2.893 | 481 | 483 | 489 | rVB2 | 372 | 342 | 0.02% | 0.002% |
| 8 | 2.925 | 489 | 493 | 497 | rBV | 333 | 279 | 0.02% | 0.002% |
| 9 | 3.076 | 529 | 540 | 547 | rVV5 | 3065 | 5618 | 0.32% | 0.040% |
| 10 | 3.221 | 571 | 585 | 605 | rVB2 | 14558 | 32505 | 1.86% | 0.232% |
| 11 | 3.327 | 614 | 618 | 624 | rBV2 | 480 | 535 | 0.03% | 0.004% |
| 12 | 3.356 | 624 | 627 | 631 | rBV | 549 | 430 | 0.02% | 0.003% |
| 13 | 3.443 | 651 | 654 | 659 | rVB2 | 423 | 316 | 0.02% | 0.002% |
| 14 | 3.469 | 659 | 662 | 665 | rBV | 424 | 325 | 0.02% | 0.002% |
| 15 | 3.903 | 795 | 797 | 804 | rVB3 | 392 | 521 | 0.03% | 0.004% |
| 16 | 3.996 | 820 | 826 | 829 | rBV2 | 391 | 463 | 0.03% | 0.003% |
| 17 | 4.131 | 865 | 868 | 871 | rVV | 392 | 283 | 0.02% | 0.002% |
| 18 | 4.170 | 875 | 880 | 882 | rBV | 310 | 272 | 0.02% | 0.002% |
| 19 | 4.218 | 892 | 895 | 901 | rVB2 | 431 | 415 | 0.02% | 0.003% |
| 20 | 4.305 | 920 | 922 | 927 | rVB2 | 382 | 338 | 0.02% | 0.002% |
| 21 | 4.340 | 930 | 933 | 938 | rVB2 | 338 | 285 | 0.02% | 0.002% |
| 22 | 4.414 | 953 | 956 | 960 | rVB2 | 327 | 270 | 0.02% | 0.002% |
| 23 | 4.453 | 964 | 968 | 976 | rBV | 542 | 657 | 0.04% | 0.005% |
| 24 | 4.668 | 1018 | 1035 | 1066 | rBV | 170615 | 438542 | 25.10% | 3.126% |
| 25 | 4.854 | 1090 | 1093 | 1096 | rBV2 | 545 | 358 | 0.02% | 0.003% |
| 26 | 4.883 | 1099 | 1102 | 1104 | rVB2 | 567 | 315 | 0.02% | 0.002% |
| 27 | 5.105 | 1153 | 1171 | 1194 | rVV | 328945 | 721835 | 41.32% | 5.146% |
| 28 | 5.359 | 1237 | 1250 | 1262 | rVB3 | 8396 | 19006 | 1.09% | 0.135% |
| 29 | 5.546 | 1304 | 1308 | 1310 | rBV | 389 | 292 | 0.02% | 0.002% |
| 30 | 5.761 | 1350 | 1375 | 1403 | rBV2 | 649304 | 1746998 | 100.00% | 12.455% |
| 31 | 5.928 | 1425 | 1427 | 1430 | rBV2 | 909 | 414 | 0.02% | 0.003% |
| 32 | 5.999 | 1447 | 1449 | 1452 | rVB3 | 711 | 341 | 0.02% | 0.002% |
| 33 | 6.018 | 1452 | 1455 | 1462 | rVB4 | 1203 | 1185 | 0.07% | 0.008% |
| 34 | 6.051 | 1462 | 1465 | 1469 | rBV3 | 775 | 549 | 0.03% | 0.004% |

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031720\
Data File : VU037309.D
Acq On : 17 Mar 2020 12:19
Operator : JC/MD
Sample : L1901-06DL 10X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 5 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** C0NC9DL

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\SOMULM031220WMA.M
Title : VOC Analysis

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 35 | 6.076 | 1470 | 1473 | 1475 | rVB2 | 937 | 499 | 0.03% | 0.004% |
| 36 | 6.134 | 1488 | 1491 | 1494 | rBV3 | 680 | 550 | 0.03% | 0.004% |
| 37 | 6.166 | 1499 | 1501 | 1506 | rVB3 | 611 | 444 | 0.03% | 0.003% |
| 38 | 6.202 | 1508 | 1512 | 1516 | rBV2 | 377 | 304 | 0.02% | 0.002% |
| 39 | 6.282 | 1522 | 1537 | 1564 | rBV | 587913 | 1103012 | 63.14% | 7.864% |
| 40 | 6.404 | 1573 | 1575 | 1581 | rVB4 | 1458 | 1032 | 0.06% | 0.007% |
| 41 | 6.433 | 1581 | 1584 | 1592 | rBV4 | 718 | 857 | 0.05% | 0.006% |
| 42 | 6.523 | 1607 | 1612 | 1615 | rBV2 | 619 | 466 | 0.03% | 0.003% |
| 43 | 6.575 | 1615 | 1628 | 1648 | rBV | 215138 | 403736 | 23.11% | 2.878% |
| 44 | 6.726 | 1657 | 1675 | 1697 | rBV | 418639 | 808136 | 46.26% | 5.761% |
| 45 | 6.838 | 1703 | 1710 | 1714 | rVB7 | 1297 | 1436 | 0.08% | 0.010% |
| 46 | 6.912 | 1730 | 1733 | 1735 | rVB2 | 566 | 342 | 0.02% | 0.002% |
| 47 | 6.999 | 1758 | 1760 | 1763 | rVB2 | 639 | 334 | 0.02% | 0.002% |
| 48 | 7.141 | 1800 | 1804 | 1810 | rBV3 | 460 | 415 | 0.02% | 0.003% |
| 49 | 7.192 | 1817 | 1820 | 1821 | rVV | 451 | 271 | 0.02% | 0.002% |
| 50 | 7.214 | 1823 | 1827 | 1832 | rVV5 | 1042 | 1067 | 0.06% | 0.008% |
| 51 | 7.420 | 1889 | 1891 | 1894 | rVB2 | 482 | 284 | 0.02% | 0.002% |
| 52 | 7.594 | 1932 | 1945 | 1965 | rBV | 237225 | 425276 | 24.34% | 3.032% |
| 53 | 7.710 | 1978 | 1981 | 1990 | rVB6 | 1526 | 1360 | 0.08% | 0.010% |
| 54 | 7.793 | 2003 | 2007 | 2010 | rBV2 | 424 | 323 | 0.02% | 0.002% |
| 55 | 7.822 | 2010 | 2016 | 2024 | rVB4 | 2130 | 2490 | 0.14% | 0.018% |
| 56 | 7.858 | 2025 | 2027 | 2032 | rVB | 658 | 378 | 0.02% | 0.003% |
| 57 | 7.925 | 2032 | 2048 | 2066 | rBV | 811133 | 1396386 | 79.93% | 9.955% |
| 58 | 8.150 | 2115 | 2118 | 2120 | rBV3 | 448 | 354 | 0.02% | 0.003% |
| 59 | 8.205 | 2123 | 2135 | 2152 | rBV | 170182 | 294873 | 16.88% | 2.102% |
| 60 | 8.475 | 2214 | 2219 | 2221 | rVV2 | 314 | 265 | 0.02% | 0.002% |
| 61 | 8.523 | 2232 | 2234 | 2239 | rVB | 417 | 286 | 0.02% | 0.002% |
| 62 | 8.578 | 2248 | 2251 | 2255 | rBV3 | 615 | 518 | 0.03% | 0.004% |
| 63 | 8.661 | 2262 | 2277 | 2320 | rBV | 459322 | 929047 | 53.18% | 6.623% |
| 64 | 9.021 | 2385 | 2389 | 2391 | rVB2 | 550 | 365 | 0.02% | 0.003% |
| 65 | 9.147 | 2421 | 2428 | 2431 | rBV | 364 | 403 | 0.02% | 0.003% |
| 66 | 9.298 | 2472 | 2475 | 2479 | rVB2 | 418 | 294 | 0.02% | 0.002% |
| 67 | 9.439 | 2504 | 2519 | 2559 | rBV | 815908 | 1375384 | 78.73% | 9.805% |
| 68 | 9.581 | 2559 | 2563 | 2566 | rBV | 553 | 408 | 0.02% | 0.003% |
| 69 | 9.600 | 2566 | 2569 | 2572 | rVV3 | 471 | 382 | 0.02% | 0.003% |
| 70 | 9.642 | 2580 | 2582 | 2586 | rVB3 | 453 | 281 | 0.02% | 0.002% |
| 71 | 9.665 | 2586 | 2589 | 2591 | rBV2 | 381 | 279 | 0.02% | 0.002% |

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031720\
Data File : VU037309.D
Acq On : 17 Mar 2020 12:19
Operator : JC/MD
Sample : L1901-06DL 10X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 5 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** C0NC9DL

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\SOMULM031220WMA.M
Title : VOC Analysis

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 72 | 9.719 | 2600 | 2606 | 2611 | rBV3 | 711 | 856 | 0.05% | 0.006% |
| 73 | 9.764 | 2616 | 2620 | 2622 | rBV | 349 | 271 | 0.02% | 0.002% |
| 74 | 9.941 | 2670 | 2675 | 2676 | rBV | 328 | 273 | 0.02% | 0.002% |
| 75 | 10.118 | 2727 | 2730 | 2733 | rBV3 | 748 | 554 | 0.03% | 0.004% |
| 76 | 10.549 | 2861 | 2864 | 2866 | rBV | 390 | 273 | 0.02% | 0.002% |
| 77 | 10.603 | 2874 | 2881 | 2886 | rBV2 | 265 | 448 | 0.03% | 0.003% |
| 78 | 10.652 | 2893 | 2896 | 2899 | rVB2 | 727 | 476 | 0.03% | 0.003% |
| 79 | 10.777 | 2922 | 2935 | 2954 | rBV | 566342 | 925720 | 52.99% | 6.600% |
| 80 | 10.874 | 2959 | 2965 | 2967 | rBV | 361 | 414 | 0.02% | 0.003% |
| 81 | 10.925 | 2977 | 2981 | 2984 | rVB2 | 622 | 483 | 0.03% | 0.003% |
| 82 | 11.173 | 3053 | 3058 | 3059 | rBV2 | 383 | 276 | 0.02% | 0.002% |
| 83 | 11.758 | 3238 | 3240 | 3242 | rBV2 | 629 | 414 | 0.02% | 0.003% |
| 84 | 11.832 | 3249 | 3263 | 3282 | rBV | 660441 | 1119311 | 64.07% | 7.980% |
| 85 | 11.902 | 3282 | 3285 | 3291 | rBV4 | 627 | 646 | 0.04% | 0.005% |
| 86 | 11.954 | 3298 | 3301 | 3309 | rBV4 | 680 | 889 | 0.05% | 0.006% |
| 87 | 11.989 | 3309 | 3312 | 3316 | rBV3 | 559 | 437 | 0.03% | 0.003% |
| 88 | 12.211 | 3367 | 3381 | 3398 | rVV | 727935 | 1210096 | 69.27% | 8.627% |
| 89 | 12.381 | 3431 | 3434 | 3438 | rBV2 | 626 | 631 | 0.04% | 0.004% |
| 90 | 12.533 | 3479 | 3481 | 3486 | rBV2 | 411 | 306 | 0.02% | 0.002% |
| 91 | 12.806 | 3564 | 3566 | 3570 | rVB3 | 614 | 319 | 0.02% | 0.002% |
| 92 | 13.243 | 3697 | 3702 | 3703 | rBV3 | 989 | 789 | 0.05% | 0.006% |
| 93 | 13.304 | 3718 | 3721 | 3728 | rBV3 | 627 | 766 | 0.04% | 0.005% |
| 94 | 13.369 | 3738 | 3741 | 3745 | rVB2 | 594 | 473 | 0.03% | 0.003% |
| 95 | 13.584 | 3806 | 3808 | 3812 | rBV2 | 518 | 373 | 0.02% | 0.003% |
| 96 | 14.108 | 3966 | 3971 | 3973 | rBV3 | 902 | 875 | 0.05% | 0.006% |
| 97 | 14.369 | 4047 | 4052 | 4057 | rBV6 | 1484 | 1942 | 0.11% | 0.014% |
| 98 | 14.803 | 4183 | 4187 | 4192 | rBV3 | 796 | 920 | 0.05% | 0.007% |
| 99 | 14.947 | 4230 | 4232 | 4235 | rBV2 | 906 | 587 | 0.03% | 0.004% |
| 100 | 15.478 | 4395 | 4397 | 4399 | rBV3 | 1346 | 855 | 0.05% | 0.006% |

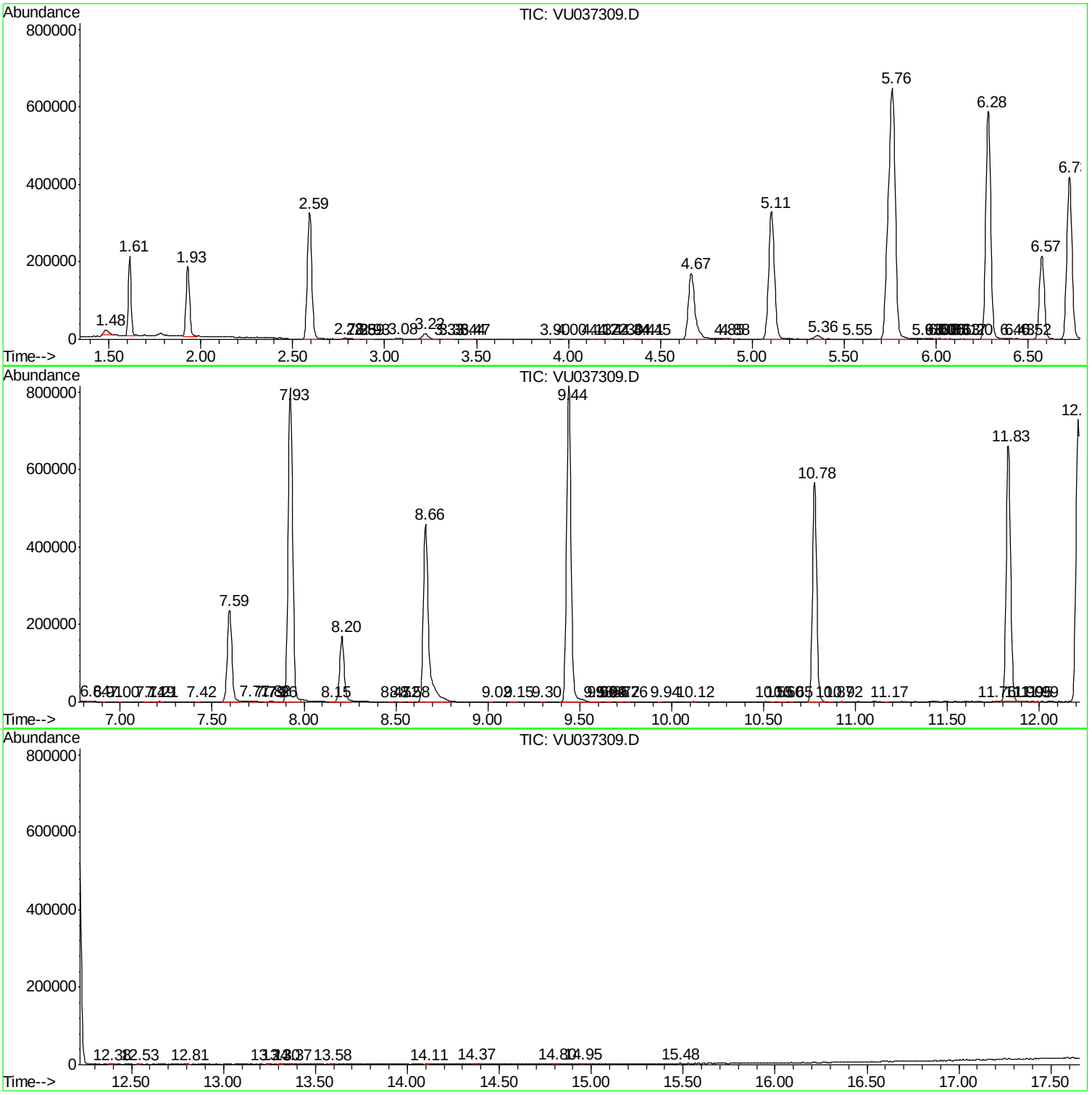
Sum of corrected areas: 14026899

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031720\
Data File : VU037309.D
Acq On : 17 Mar 2020 12:19
Operator : JC/MD
Sample : L1901-06DL 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
C0NC9DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031220WMA.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\VU031720\
Data File : VU037309.D
Acq On : 17 Mar 2020 12:19
Operator : JC/MD
Sample : L1901-06DL 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
C0NC9DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031220WMA.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\VU031720\
Data File : VU037309.D
Acq On : 17 Mar 2020 12:19
Operator : JC/MD
Sample : L1901-06DL 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** C0NC9DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031220WMA.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 |