LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110818\
Data File : VX005850.D
Acq On : 08 Nov 2018 16:49
Operator : JC/MD
Sample : J5858-11
Misc : 6.67g/5mL/100ul/5.00mL/MSVOA_X/MEOH
ALS Vial : 13 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** SB-9-S

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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_X\METHOD\82X110718W.M
Title : SW846 8260

Signal : TIC

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.501 | 700 | 713 | 722 | rBV | 63380 | 191559 | 5.33% | 0.286% |
| 2 | 5.653 | 730 | 738 | 758 | rVB | 111742 | 347136 | 9.65% | 0.518% |
| 3 | 6.068 | 795 | 806 | 823 | rBV2 | 72307 | 192906 | 5.36% | 0.288% |
| 4 | 6.860 | 924 | 936 | 956 | rBV3 | 155742 | 435546 | 12.11% | 0.650% |
| 5 | 7.445 | 1020 | 1032 | 1043 | rVB2 | 58812 | 144169 | 4.01% | 0.215% |
| 6 | 8.665 | 1225 | 1232 | 1235 | rBV3 | 136120 | 267506 | 7.44% | 0.399% |
| 7 | 8.713 | 1235 | 1240 | 1251 | rVB | 317776 | 611056 | 16.99% | 0.912% |
| 8 | 9.037 | 1288 | 1293 | 1298 | rBV | 100807 | 157911 | 4.39% | 0.236% |
| 9 | 9.159 | 1305 | 1313 | 1319 | rBV | 80236 | 141934 | 3.95% | 0.212% |
| 10 | 9.439 | 1354 | 1359 | 1363 | rBV | 83870 | 124676 | 3.47% | 0.186% |
| 11 | 9.567 | 1374 | 1380 | 1384 | rBV3 | 111649 | 236074 | 6.57% | 0.352% |
| 12 | 9.622 | 1384 | 1389 | 1393 | rVB | 160212 | 226645 | 6.30% | 0.338% |
| 13 | 9.677 | 1393 | 1398 | 1402 | rBV | 189386 | 299046 | 8.32% | 0.446% |
| 14 | 9.817 | 1415 | 1421 | 1426 | rBV2 | 73795 | 116462 | 3.24% | 0.174% |
| 15 | 9.884 | 1426 | 1432 | 1436 | rVV3 | 122771 | 261949 | 7.29% | 0.391% |
| 16 | 9.957 | 1440 | 1444 | 1448 | rVB | 152800 | 202463 | 5.63% | 0.302% |
| 17 | 10.061 | 1454 | 1461 | 1465 | rBV | 184906 | 251894 | 7.01% | 0.376% |
| 18 | 10.116 | 1465 | 1470 | 1474 | rBV | 309220 | 425677 | 11.84% | 0.635% |
| 19 | 10.238 | 1485 | 1490 | 1497 | rVV4 | 60769 | 141525 | 3.94% | 0.211% |
| 20 | 10.329 | 1497 | 1505 | 1508 | rVV2 | 126259 | 253438 | 7.05% | 0.378% |
| 21 | 10.372 | 1508 | 1512 | 1516 | rVV2 | 174438 | 294376 | 8.19% | 0.439% |
| 22 | 10.408 | 1516 | 1518 | 1529 | rVB4 | 103308 | 221078 | 6.15% | 0.330% |
| 23 | 10.512 | 1530 | 1535 | 1543 | rBV3 | 81027 | 143014 | 3.98% | 0.213% |
| 24 | 10.640 | 1549 | 1556 | 1564 | rBV3 | 225090 | 435348 | 12.11% | 0.650% |
| 25 | 10.725 | 1564 | 1570 | 1575 | rBV5 | 81333 | 161852 | 4.50% | 0.242% |
| 26 | 10.835 | 1580 | 1588 | 1592 | rBV2 | 329962 | 556703 | 15.48% | 0.831% |
| 27 | 10.908 | 1596 | 1600 | 1604 | rVV3 | 276373 | 427611 | 11.89% | 0.638% |
| 28 | 10.945 | 1604 | 1606 | 1612 | rVB | 103633 | 132764 | 3.69% | 0.198% |
| 29 | 11.055 | 1620 | 1624 | 1626 | rBV3 | 80426 | 120303 | 3.35% | 0.180% |
| 30 | 11.085 | 1626 | 1629 | 1632 | rVV | 89128 | 121653 | 3.38% | 0.182% |
| 31 | 11.140 | 1632 | 1638 | 1642 | rVV2 | 393696 | 583138 | 16.22% | 0.870% |
| 32 | 11.176 | 1642 | 1644 | 1648 | rVB2 | 122612 | 162760 | 4.53% | 0.243% |
| 33 | 11.274 | 1657 | 1660 | 1664 | rVB3 | 157109 | 202477 | 5.63% | 0.302% |
| 34 | 11.396 | 1675 | 1680 | 1684 | rBV4 | 72891 | 139666 | 3.88% | 0.208% |

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Sample : J5858-11
Misc : 6.67g/5mL/100ul/5.00mL/MSVOA_X/MEOH
ALS Vial : 13 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** SB-9-S

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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_X\METHOD\82X110718W.M
Title : SW846 8260

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 35 | 11.445 | 1684 | 1688 | 1691 | rVV3 | 89701 | 140016 | 3.89% | 0.209% |
| 36 | 11.487 | 1691 | 1695 | 1699 | rVV | 145463 | 207669 | 5.78% | 0.310% |
| 37 | 11.536 | 1699 | 1703 | 1707 | rVB3 | 102012 | 157212 | 4.37% | 0.235% |
| 38 | 11.682 | 1720 | 1727 | 1732 | rBV6 | 102517 | 218658 | 6.08% | 0.326% |
| 39 | 11.768 | 1738 | 1741 | 1744 | rBV | 156326 | 156997 | 4.37% | 0.234% |
| 40 | 11.945 | 1767 | 1770 | 1774 | rVV2 | 158827 | 209995 | 5.84% | 0.313% |
| 41 | 11.999 | 1774 | 1779 | 1782 | rVV2 | 129681 | 202769 | 5.64% | 0.303% |
| 42 | 12.079 | 1788 | 1792 | 1797 | rBV2 | 395253 | 541875 | 15.07% | 0.809% |
| 43 | 12.207 | 1803 | 1813 | 1824 | rVB8 | 102476 | 450850 | 12.54% | 0.673% |
| 44 | 12.304 | 1824 | 1829 | 1834 | rBV | 345900 | 502130 | 13.96% | 0.749% |
| 45 | 12.365 | 1835 | 1839 | 1846 | rBV3 | 282786 | 478438 | 13.31% | 0.714% |
| 46 | 12.475 | 1846 | 1857 | 1862 | rBV3 | 136725 | 411004 | 11.43% | 0.613% |
| 47 | 12.524 | 1862 | 1865 | 1870 | rVB3 | 145747 | 265118 | 7.37% | 0.396% |
| 48 | 12.634 | 1873 | 1883 | 1885 | rBV4 | 172104 | 474530 | 13.20% | 0.708% |
| 49 | 12.670 | 1885 | 1889 | 1896 | rVB | 425852 | 598800 | 16.65% | 0.894% |
| 50 | 12.737 | 1896 | 1900 | 1911 | rBV4 | 210266 | 658003 | 18.30% | 0.982% |
| 51 | 12.877 | 1918 | 1923 | 1928 | rVB4 | 396580 | 662870 | 18.44% | 0.989% |
| 52 | 12.944 | 1928 | 1934 | 1936 | rBV2 | 411282 | 660847 | 18.38% | 0.986% |
| 53 | 12.975 | 1936 | 1939 | 1947 | rVB2 | 408535 | 627304 | 17.45% | 0.936% |
| 54 | 13.042 | 1947 | 1950 | 1953 | rBV2 | 348678 | 465938 | 12.96% | 0.695% |
| 55 | 13.152 | 1963 | 1968 | 1973 | rBV3 | 231398 | 524595 | 14.59% | 0.783% |
| 56 | 13.201 | 1973 | 1976 | 1981 | rVB7 | 189627 | 284323 | 7.91% | 0.424% |
| 57 | 13.268 | 1983 | 1987 | 1990 | rBV2 | 317675 | 420911 | 11.71% | 0.628% |
| 58 | 13.353 | 1996 | 2001 | 2006 | rVB4 | 1044110 | 1761316 | 48.98% | 2.628% |
| 59 | 13.408 | 2006 | 2010 | 2012 | rBV2 | 321040 | 444310 | 12.36% | 0.663% |
| 60 | 13.444 | 2012 | 2016 | 2018 | rVV2 | 582986 | 945601 | 26.30% | 1.411% |
| 61 | 13.475 | 2018 | 2021 | 2031 | rVB6 | 877072 | 2470512 | 68.71% | 3.687% |
| 62 | 13.566 | 2031 | 2036 | 2039 | rBV5 | 313972 | 697803 | 19.41% | 1.041% |
| 63 | 13.639 | 2044 | 2048 | 2051 | rVV3 | 598750 | 813156 | 22.61% | 1.213% |
| 64 | 13.682 | 2052 | 2055 | 2059 | rVV6 | 320169 | 637101 | 17.72% | 0.951% |
| 65 | 13.731 | 2059 | 2063 | 2066 | rVV3 | 652405 | 1187243 | 33.02% | 1.772% |
| 66 | 13.767 | 2066 | 2069 | 2071 | rVV | 826544 | 1133473 | 31.52% | 1.691% |
| 67 | 13.798 | 2071 | 2074 | 2080 | rVB2 | 740814 | 1289171 | 35.85% | 1.924% |
| 68 | 13.859 | 2080 | 2084 | 2087 | rBV3 | 995078 | 1299623 | 36.14% | 1.939% |
| 69 | 13.902 | 2087 | 2091 | 2097 | rVV2 | 1800390 | 2635310 | 73.29% | 3.932% |
| 70 | 13.987 | 2098 | 2105 | 2110 | rVB5 | 1331835 | 2771016 | 77.06% | 4.135% |
| 71 | 14.054 | 2110 | 2116 | 2122 | rBV7 | 561300 | 1625669 | 45.21% | 2.426% |

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ALS Vial : 13 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** SB-9-S

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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_X\METHOD\82X110718W.M
Title : SW846 8260

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 72 | 14.133 | 2125 | 2129 | 2131 | rVV3 | 682704 | 937268 | 26.07% | 1.399% |
| 73 | 14.164 | 2131 | 2134 | 2137 | rVV3 | 583003 | 754313 | 20.98% | 1.126% |
| 74 | 14.200 | 2137 | 2140 | 2142 | rVV3 | 610463 | 760766 | 21.16% | 1.135% |
| 75 | 14.225 | 2142 | 2144 | 2146 | rVV | 578147 | 702743 | 19.54% | 1.049% |
| 76 | 14.280 | 2149 | 2153 | 2160 | rVB2 | 1363739 | 2729573 | 75.91% | 4.073% |
| 77 | 14.383 | 2167 | 2170 | 2175 | rVB3 | 601447 | 779452 | 21.68% | 1.163% |
| 78 | 14.432 | 2175 | 2178 | 2182 | rVB | 587788 | 656248 | 18.25% | 0.979% |
| 79 | 14.481 | 2183 | 2186 | 2192 | rVB5 | 654549 | 1001470 | 27.85% | 1.494% |
| 80 | 14.542 | 2192 | 2196 | 2201 | rBV2 | 1827430 | 3126097 | 86.94% | 4.665% |
| 81 | 14.609 | 2205 | 2207 | 2209 | rBV2 | 340429 | 392541 | 10.92% | 0.586% |
| 82 | 14.639 | 2209 | 2212 | 2215 | rVB3 | 391979 | 413541 | 11.50% | 0.617% |
| 83 | 14.676 | 2215 | 2218 | 2224 | rBV4 | 2713479 | 3595698 | 100.00% | 5.366% |
| 84 | 14.737 | 2224 | 2228 | 2232 | rVB3 | 1254938 | 1693751 | 47.10% | 2.527% |
| 85 | 14.786 | 2232 | 2236 | 2240 | rBV3 | 706564 | 1193880 | 33.20% | 1.782% |
| 86 | 14.853 | 2243 | 2247 | 2249 | rBV3 | 630657 | 865197 | 24.06% | 1.291% |
| 87 | 14.883 | 2249 | 2252 | 2254 | rVV2 | 322865 | 348481 | 9.69% | 0.520% |
| 88 | 14.908 | 2254 | 2256 | 2260 | rVB2 | 1030200 | 1154169 | 32.10% | 1.722% |
| 89 | 14.944 | 2260 | 2262 | 2264 | rBV | 253181 | 295642 | 8.22% | 0.441% |
| 90 | 15.115 | 2285 | 2290 | 2293 | rBV3 | 471347 | 810021 | 22.53% | 1.209% |
| 91 | 15.255 | 2308 | 2313 | 2315 | rBV2 | 1005157 | 1562531 | 43.46% | 2.332% |
| 92 | 15.450 | 2340 | 2345 | 2348 | rBV2 | 572150 | 833813 | 23.19% | 1.244% |
| 93 | 15.554 | 2358 | 2362 | 2367 | rVB2 | 681423 | 1107299 | 30.80% | 1.652% |
| 94 | 15.609 | 2367 | 2371 | 2375 | rBV4 | 192781 | 374126 | 10.40% | 0.558% |
| 95 | 15.688 | 2380 | 2384 | 2387 | rVV2 | 649068 | 1126614 | 31.33% | 1.681% |
| 96 | 15.724 | 2388 | 2390 | 2399 | rVB5 | 582700 | 1005228 | 27.96% | 1.500% |
| 97 | 15.926 | 2419 | 2423 | 2427 | rBV2 | 120993 | 178340 | 4.96% | 0.266% |
| 98 | 16.078 | 2444 | 2448 | 2458 | rVB6 | 135306 | 424790 | 11.81% | 0.634% |
| 99 | 16.169 | 2459 | 2463 | 2470 | rVB2 | 178061 | 288860 | 8.03% | 0.431% |
| 100 | 16.694 | 2545 | 2549 | 2554 | rVB2 | 82018 | 137644 | 3.83% | 0.205% |

Sum of corrected areas: 67014567

LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110818\
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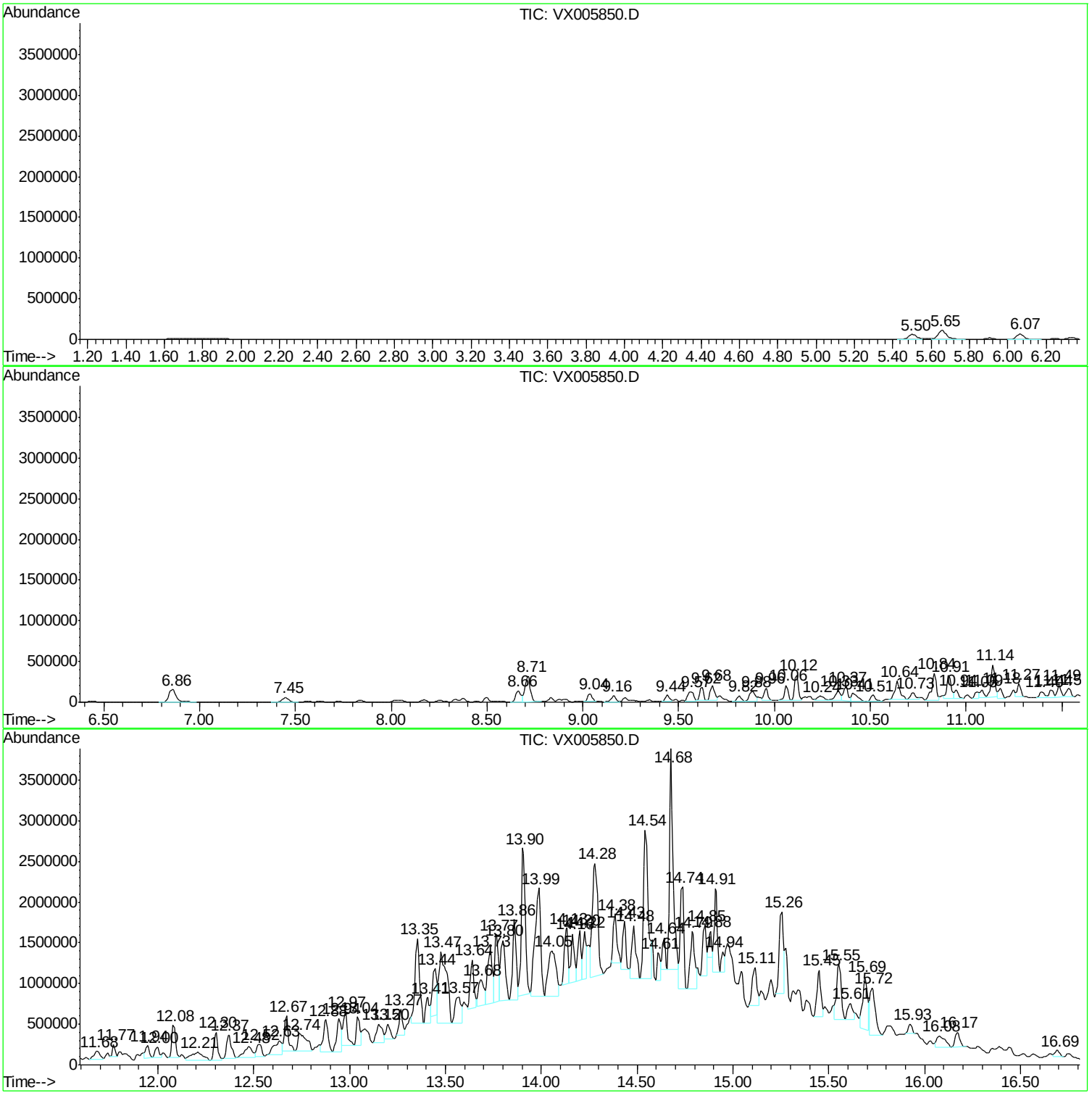
**Instrument :** MSVOA_X
**ClientSampleId :** SB-9-S

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
Quant Title : SW846 8260

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



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

**********

Peak Number 1 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.35 | 162.52 ug/l | 1761320 | 1,4-Dichlorobenzene-d4 | 12.08 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1H-Indene, 2,3-dihydro-4-methyl- | 132 | C10H12 | 000824-22-6 | 70 |
| 2 | Indan, 1-methyl- | 132 | C10H12 | 000767-58-8 | 70 |
| 3 | Benzene, (1-methyl-1-propenyl)-,... | 132 | C10H12 | 000768-00-3 | 38 |
| 4 | Cyclohexane, 1-methyl-4-(1-methy... | 168 | C12H24 | 054411-00-6 | 38 |
| 5 | Benzene, (2-methyl-1-propenyl)- | 132 | C10H12 | 000768-49-0 | 30 |

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Peak Number 2 2(1H)-Naphthalenone, octahy... Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.47 | 227.96 ug/l | 2470510 | 1,4-Dichlorobenzene-d4 | 12.08 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2(1H)-Naphthalenone, octahydro-8... | 166 | C11H18O | 001197-95-1 | 46 |
| 2 | Naphthalene, decahydro-2,6-dimet... | 166 | C12H22 | 001618-22-0 | 46 |
| 3 | Naphthalene, decahydro-1,5-dimet... | 166 | C12H22 | 066552-62-3 | 25 |
| 4 | Naphthalene, decahydro-2,3-dimet... | 166 | C12H22 | 001008-80-6 | 25 |
| 5 | 1-Pentadecyne | 208 | C15H28 | 000765-13-9 | 22 |

**********

Peak Number 3 Tridecane, 7-methyl- Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.90 | 243.17 ug/l | 2635310 | 1,4-Dichlorobenzene-d4 | 12.08 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tridecane, 7-methyl- | 198 | C14H30 | 026730-14-3 | 64 |
| 2 | Nonane, 3-methyl- | 142 | C10H22 | 005911-04-6 | 59 |
| 3 | Undecane, 6,6-dimethyl- | 184 | C13H28 | 017312-76-4 | 59 |
| 4 | Heptane, 3-[(ethenyloxy)methyl]- | 156 | C10H20O | 000103-44-6 | 59 |
| 5 | Nonane, 4-methyl-5-propyl- | 184 | C13H28 | 062185-55-1 | 58 |

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Peak Number 4 2-Propenal, 3-(4-methylphen... Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|

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**Instrument :** MSVOA_X
**ClientSampleId :** SB-9-S

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
Quant Title : SW846 8260

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.99 | 255.69 ug/l | 2771020 | 1,4-Dichlorobenzene-d4 | 12.08 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Propenal, 3-(4-methylphenyl)- | 146 | C10H10O | 001504-75-2 | 49 |
| 2 | 2,2-Dimethylindene, 2,3-dihydro- | 146 | C11H14 | 020836-11-7 | 46 |
| 3 | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14 | 001559-81-5 | 46 |
| 4 | Benzene, (2-methyl-1-butenyl)- | 146 | C11H14 | 056253-64-6 | 46 |
| 5 | 1,3-Cyclopentadiene, 5-(trans-2-... | 146 | C11H14 | 079209-36-2 | 46 |

**********

Peak Number 5 Cyclohexane, 1,1,3,5-tetram... Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.05 | 150.00 ug/l | 1625670 | 1,4-Dichlorobenzene-d4 | 12.08 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexane, 1,1,3,5-tetramethyl... | 140 | C10H20 | 050876-32-9 | 45 |
| 2 | Cyclooctane, 1-methyl-3-propyl- | 168 | C12H24 | 255885-37-1 | 38 |
| 3 | Cyclohexane, 1,1,4,4-tetramethyl- | 140 | C10H20 | 002223-52-1 | 38 |
| 4 | 2'-Ethylpropiophenone | 162 | C11H14O | 016819-79-7 | 25 |
| 5 | Benzene, 2,4-dimethyl-1-(1-methy... | 162 | C12H18 | 001483-60-9 | 22 |

**********

Peak Number 6 Benzene, (2-methyl-1-butenyl)- Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.28 | 251.86 ug/l | 2729570 | 1,4-Dichlorobenzene-d4 | 12.08 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, (2-methyl-1-butenyl)- | 146 | C11H14 | 056253-64-6 | 42 |
| 2 | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14 | 001559-81-5 | 38 |
| 3 | Benzene, (3-methyl-2-butenyl)- | 146 | C11H14 | 004489-84-3 | 38 |
| 4 | 1H-Indene, 2,3-dihydro-1,6-dimet... | 146 | C11H14 | 017059-48-2 | 38 |
| 5 | 1H-Indene, 2,3-dihydro-4,7-dimet... | 146 | C11H14 | 006682-71-9 | 38 |

**********

Peak Number 7 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.54 | 288.45 ug/l | 3126100 | 1,4-Dichlorobenzene-d4 | 12.08 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|

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ALS Vial : 13 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** SB-9-S

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
Quant Title : SW846 8260

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

| | | | | | |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14 | 001680-51-9 | 89 |
| 2 | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14 | 002809-64-5 | 81 |
| 3 | Benzene, 2-ethenyl-1,3,5-trimethyl- | 146 | C11H14 | 000769-25-5 | 64 |
| 4 | 1H-Benzimidazole, 5,6-dimethyl- | 146 | C9H10N2 | 000582-60-5 | 60 |
| 5 | 2-Propenal, 3-(4-methylphenyl)- | 146 | C10H10O | 001504-75-2 | 58 |

**********

Peak Number 8 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.68 | 331.78 ug/l | 3595700 | 1,4-Dichlorobenzene-d4 | 12.08 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,2,3,4-tetrahydro-... | 160 | C12H16 | 013065-07-1 | 91 |
| 2 | Naphthalene, 1,2,3,4-tetrahydro-... | 160 | C12H16 | 004175-54-6 | 58 |
| 3 | Naphthalene, 1,2,3,4-tetrahydro-... | 160 | C12H16 | 007524-63-2 | 50 |
| 4 | 1(2H)-Naphthalenone, 3,4-dihydro... | 160 | C11H12O | 014944-23-1 | 46 |
| 5 | 1(2H)-Naphthalenone, 3,4-dihydro... | 160 | C11H12O | 001590-08-5 | 43 |

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Peak Number 9 1H-Indene, 2,3-dihydro-1,1,... Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.74 | 156.29 ug/l | 1693750 | 1,4-Dichlorobenzene-d4 | 12.08 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1H-Indene, 2,3-dihydro-1,1,3-tri... | 160 | C12H16 | 002613-76-5 | 89 |
| 2 | Benzene, 1-(1-methylethenyl)-2-(... | 160 | C12H16 | 005557-93-7 | 86 |
| 3 | Naphthalene, 1,2,3,4-tetrahydro-... | 160 | C12H16 | 021564-91-0 | 81 |
| 4 | Naphthalene, 1,2,3,4-tetrahydro-... | 160 | C12H16 | 025419-33-4 | 76 |
| 5 | Benzene, 1-(1-methylethenyl)-3-(... | 160 | C12H16 | 001129-29-9 | 76 |

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Peak Number 10 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.26 | 144.18 ug/l | 1562530 | 1,4-Dichlorobenzene-d4 | 12.08 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1H-Indene, 2,3-dihydro-1,1,3-tri... | 160 | C12H16 | 002613-76-5 | 93 |
| 2 | Naphthalene, 1,2,3,4-tetrahydro-... | 160 | C12H16 | 001076-61-5 | 93 |
| 3 | Naphthalene, 1,2,3,4-tetrahydro-... | 160 | C12H16 | 020027-77-4 | 90 |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX110818\
Data File : VX005850.D
Acq On : 08 Nov 2018 16:49
Operator : JC/MD
Sample : J5858-11
Misc : 6.67g/5mL/100ul/5.00mL/MSVOA_X/MEOH
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
SB-9-S

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
Quant Title : SW846 8260

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

| | | | | | |
|---|---|---|---|---|---|
| 4 | Naphthalene, 1,2,3,4-tetrahydro-... | 160 | C12H16 | 021564-91-0 | 90 |
| 5 | Benzene, 1-(1-methylethenyl)-3-(... | 160 | C12H16 | 001129-29-9 | 89 |

Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX110818\
Data File : VX005850.D
Acq On : 08 Nov 2018 16:49
Operator : JC/MD
Sample : J5858-11
Misc : 6.67g/5mL/100ul/5.00mL/MSVOA_X/MEOH
ALS Vial : 13 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** SB-9-S

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
Quant Title : SW846 8260

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

| | | | | | Internal Standard | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| 1H-Indene, 2,3-di... | 13.35 | 162.5 | ug/l | 1761320 | 4 | 12.08 | 541875 | 50.0 |
| 2(1H)-Naphthaleno... | 13.47 | 228.0 | ug/l | 2470510 | 4 | 12.08 | 541875 | 50.0 |
| Tridecane, 7-methyl- | 13.90 | 243.2 | ug/l | 2635310 | 4 | 12.08 | 541875 | 50.0 |
| 2-Propenal, 3-(4-... | 13.99 | 255.7 | ug/l | 2771020 | 4 | 12.08 | 541875 | 50.0 |
| Cyclohexane, 1,1,... | 14.05 | 150.0 | ug/l | 1625670 | 4 | 12.08 | 541875 | 50.0 |
| Benzene, (2-methy... | 14.28 | 251.9 | ug/l | 2729570 | 4 | 12.08 | 541875 | 50.0 |
| Naphthalene, 1,2,... | 14.54 | 288.4 | ug/l | 3126100 | 4 | 12.08 | 541875 | 50.0 |
| Naphthalene, 1,2,... | 14.68 | 331.8 | ug/l | 3595700 | 4 | 12.08 | 541875 | 50.0 |
| 1H-Indene, 2,3-di... | 14.74 | 156.3 | ug/l | 1693750 | 4 | 12.08 | 541875 | 50.0 |
| Naphthalene, 1,2,... | 15.26 | 144.2 | ug/l | 1562530 | 4 | 12.08 | 541875 | 50.0 |