

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080518\  
 Data File : VX003859.D  
 Acq On : 03 Aug 2018 20:01  
 Operator : JC/MD  
 Sample : J4263-03  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 FL-0520

Integration Parameters: RTEINT.P

Integrator: RTE  
 Smoothing : ON  
 Sampling : 1  
 Start Thrs: 0.2  
 Stop Thrs : 0

Filtering: 5  
 Min Area: 3 % of largest Peak  
 Max Peaks: 100  
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X080318W.M  
 Title : SW846 8260

Signal : TIC

| peak<br># | R.T.<br>min | first<br>scan | max<br>scan | last<br>scan | PK<br>TY | peak<br>height | corr.<br>area | corr.<br>% max. | % of<br>total |
|-----------|-------------|---------------|-------------|--------------|----------|----------------|---------------|-----------------|---------------|
| 1         | 1.069       | 69            | 79          | 94           | rBV      | 388958         | 510459        | 76.07%          | 5.453%        |
| 2         | 1.788       | 191           | 197         | 208          | rVB      | 99094          | 137043        | 20.42%          | 1.464%        |
| 3         | 1.995       | 226           | 231         | 245          | rVB      | 108926         | 151461        | 22.57%          | 1.618%        |
| 4         | 2.392       | 288           | 296         | 303          | rBV      | 42502          | 84251         | 12.56%          | 0.900%        |
| 5         | 2.617       | 328           | 333         | 342          | rVB      | 9212           | 16701         | 2.49%           | 0.178%        |
| 6         | 2.843       | 362           | 370         | 372          | rBV      | 65227          | 116169        | 17.31%          | 1.241%        |
| 7         | 2.886       | 372           | 377         | 382          | rVV      | 162125         | 370209        | 55.17%          | 3.954%        |
| 8         | 2.928       | 382           | 384         | 396          | rVB      | 82749          | 132047        | 19.68%          | 1.410%        |
| 9         | 3.166       | 414           | 423         | 436          | rBV      | 177372         | 400972        | 59.75%          | 4.283%        |
| 10        | 3.520       | 472           | 481         | 496          | rBV      | 66725          | 152001        | 22.65%          | 1.624%        |
| 11        | 4.135       | 567           | 582         | 587          | rBV5     | 3981           | 13640         | 2.03%           | 0.146%        |
| 12        | 4.300       | 598           | 609         | 614          | rVV3     | 4153           | 12214         | 1.82%           | 0.130%        |
| 13        | 4.397       | 614           | 625         | 639          | rVV      | 231971         | 671048        | 100.00%         | 7.168%        |
| 14        | 5.233       | 751           | 762         | 775          | rBV3     | 5494           | 20247         | 3.02%           | 0.216%        |
| 15        | 5.507       | 795           | 807         | 811          | rBV2     | 50018          | 137605        | 20.51%          | 1.470%        |
| 16        | 5.574       | 811           | 818         | 827          | rVV      | 147879         | 479937        | 71.52%          | 5.127%        |
| 17        | 5.666       | 827           | 833         | 856          | rVB2     | 79121          | 267136        | 39.81%          | 2.853%        |
| 18        | 5.934       | 866           | 877         | 890          | rVB4     | 21350          | 75369         | 11.23%          | 0.805%        |
| 19        | 6.068       | 890           | 899         | 913          | rVV      | 51414          | 131725        | 19.63%          | 1.407%        |
| 20        | 6.257       | 917           | 930         | 940          | rVV3     | 20866          | 68951         | 10.28%          | 0.737%        |
| 21        | 6.361       | 940           | 947         | 954          | rVV2     | 20766          | 55716         | 8.30%           | 0.595%        |
| 22        | 6.452       | 954           | 962         | 973          | rVB3     | 34322          | 92225         | 13.74%          | 0.985%        |
| 23        | 6.860       | 1020          | 1029        | 1039         | rBV      | 122652         | 280400        | 41.79%          | 2.995%        |
| 24        | 7.464       | 1116          | 1128        | 1140         | rBV      | 186074         | 424698        | 63.29%          | 4.536%        |
| 25        | 7.732       | 1162          | 1172        | 1181         | rVB      | 18577          | 37818         | 5.64%           | 0.404%        |
| 26        | 7.848       | 1184          | 1191        | 1200         | rVB4     | 7688           | 15499         | 2.31%           | 0.166%        |
| 27        | 8.031       | 1214          | 1221        | 1232         | rVB3     | 9318           | 21578         | 3.22%           | 0.230%        |
| 28        | 8.391       | 1275          | 1280        | 1286         | rVB3     | 8487           | 15528         | 2.31%           | 0.166%        |
| 29        | 8.665       | 1318          | 1325        | 1328         | rBV2     | 22202          | 38613         | 5.75%           | 0.412%        |
| 30        | 8.720       | 1328          | 1334        | 1341         | rVB      | 274722         | 437102        | 65.14%          | 4.669%        |
| 31        | 8.842       | 1349          | 1354        | 1359         | rBV      | 16549          | 26985         | 4.02%           | 0.288%        |
| 32        | 8.915       | 1359          | 1366        | 1373         | rVB2     | 9109           | 18250         | 2.72%           | 0.195%        |
| 33        | 9.043       | 1381          | 1387        | 1393         | rVB      | 36492          | 58733         | 8.75%           | 0.627%        |
| 34        | 9.165       | 1399          | 1407        | 1413         | rVB      | 14436          | 23483         | 3.50%           | 0.251%        |

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 Sampling : 1  
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Filtering: 5  
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If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
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Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X080318W.M  
 Title : SW846 8260

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 35 | 9.573  | 1468 | 1474 | 1478 | rBV3 | 11836  | 18817  | 2.80%  | 0.201% |
| 36 | 9.622  | 1478 | 1482 | 1487 | rVB  | 17695  | 25455  | 3.79%  | 0.272% |
| 37 | 9.677  | 1487 | 1491 | 1496 | rBV  | 31088  | 47622  | 7.10%  | 0.509% |
| 38 | 9.896  | 1520 | 1527 | 1534 | rVV2 | 6744   | 11556  | 1.72%  | 0.123% |
| 39 | 10.116 | 1557 | 1563 | 1569 | rBV  | 238842 | 310970 | 46.34% | 3.322% |
| 40 | 10.189 | 1569 | 1575 | 1580 | rVV  | 15483  | 23776  | 3.54%  | 0.254% |
| 41 | 10.256 | 1580 | 1586 | 1591 | rVB  | 24122  | 36391  | 5.42%  | 0.389% |
| 42 | 10.360 | 1594 | 1603 | 1609 | rBV  | 67059  | 110153 | 16.42% | 1.177% |
| 43 | 10.646 | 1643 | 1650 | 1657 | rBV5 | 11627  | 30714  | 4.58%  | 0.328% |
| 44 | 10.841 | 1668 | 1682 | 1687 | rBV2 | 15620  | 28485  | 4.24%  | 0.304% |
| 45 | 10.921 | 1690 | 1695 | 1702 | rBV6 | 6767   | 14184  | 2.11%  | 0.152% |
| 46 | 11.140 | 1726 | 1731 | 1736 | rBV  | 236722 | 293830 | 43.79% | 3.139% |
| 47 | 11.189 | 1736 | 1739 | 1743 | rVB2 | 9680   | 12297  | 1.83%  | 0.131% |
| 48 | 11.280 | 1750 | 1754 | 1760 | rVB2 | 12591  | 17353  | 2.59%  | 0.185% |
| 49 | 11.366 | 1763 | 1768 | 1775 | rVV2 | 16439  | 25134  | 3.75%  | 0.268% |
| 50 | 11.439 | 1775 | 1780 | 1781 | rVV  | 70465  | 86330  | 12.86% | 0.922% |
| 51 | 11.457 | 1781 | 1783 | 1787 | rVV  | 65631  | 69827  | 10.41% | 0.746% |
| 52 | 11.506 | 1787 | 1791 | 1800 | rVB  | 81313  | 103305 | 15.39% | 1.103% |
| 53 | 11.671 | 1812 | 1818 | 1825 | rBV  | 65852  | 82865  | 12.35% | 0.885% |
| 54 | 11.811 | 1836 | 1841 | 1846 | rBV  | 130929 | 155183 | 23.13% | 1.658% |
| 55 | 12.030 | 1867 | 1877 | 1880 | rBV  | 28645  | 36242  | 5.40%  | 0.387% |
| 56 | 12.079 | 1880 | 1885 | 1890 | rVV  | 306378 | 380834 | 56.75% | 4.068% |
| 57 | 12.146 | 1890 | 1896 | 1900 | rVV  | 27978  | 34022  | 5.07%  | 0.363% |
| 58 | 12.231 | 1905 | 1910 | 1915 | rVB  | 9755   | 12366  | 1.84%  | 0.132% |
| 59 | 12.305 | 1918 | 1922 | 1923 | rVV  | 26850  | 29739  | 4.43%  | 0.318% |
| 60 | 12.323 | 1923 | 1925 | 1929 | rVV  | 31078  | 38907  | 5.80%  | 0.416% |
| 61 | 12.372 | 1929 | 1933 | 1941 | rVB2 | 84414  | 121966 | 18.18% | 1.303% |
| 62 | 12.463 | 1941 | 1948 | 1953 | rBV  | 28830  | 35179  | 5.24%  | 0.376% |
| 63 | 12.518 | 1953 | 1957 | 1963 | rBV  | 71754  | 90375  | 13.47% | 0.965% |
| 64 | 12.591 | 1963 | 1969 | 1970 | rBV  | 34762  | 43050  | 6.42%  | 0.460% |
| 65 | 12.609 | 1970 | 1972 | 1977 | rVV  | 46492  | 57950  | 8.64%  | 0.619% |
| 66 | 12.670 | 1978 | 1982 | 1986 | rVV  | 67044  | 79332  | 11.82% | 0.847% |
| 67 | 12.719 | 1986 | 1990 | 1993 | rVV2 | 9212   | 15690  | 2.34%  | 0.168% |
| 68 | 12.774 | 1993 | 1999 | 2004 | rVV3 | 37682  | 76704  | 11.43% | 0.819% |
| 69 | 12.853 | 2008 | 2012 | 2016 | rVV3 | 17720  | 29497  | 4.40%  | 0.315% |
| 70 | 12.902 | 2016 | 2020 | 2025 | rVB2 | 53952  | 77432  | 11.54% | 0.827% |
| 71 | 12.957 | 2025 | 2029 | 2030 | rBV  | 19424  | 20196  | 3.01%  | 0.216% |

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Max Peaks: 100  
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If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X080318W.M  
Title : SW846 8260

|     |        |      |      |      |      |       |        |        |        |
|-----|--------|------|------|------|------|-------|--------|--------|--------|
| 72  | 12.981 | 2030 | 2033 | 2036 | rVV  | 34837 | 41438  | 6.18%  | 0.443% |
| 73  | 13.018 | 2036 | 2039 | 2046 | rVB2 | 79138 | 103615 | 15.44% | 1.107% |
| 74  | 13.091 | 2046 | 2051 | 2056 | rBV3 | 31995 | 56659  | 8.44%  | 0.605% |
| 75  | 13.152 | 2058 | 2061 | 2065 | rVV  | 15867 | 18871  | 2.81%  | 0.202% |
| 76  | 13.195 | 2065 | 2068 | 2075 | rVV4 | 36124 | 54346  | 8.10%  | 0.581% |
| 77  | 13.262 | 2075 | 2079 | 2083 | rVB2 | 12700 | 22758  | 3.39%  | 0.243% |
| 78  | 13.310 | 2083 | 2087 | 2089 | rBV2 | 19126 | 25838  | 3.85%  | 0.276% |
| 79  | 13.347 | 2089 | 2093 | 2098 | rVV2 | 99059 | 140664 | 20.96% | 1.503% |
| 80  | 13.390 | 2098 | 2100 | 2104 | rVV2 | 14228 | 20313  | 3.03%  | 0.217% |
| 81  | 13.481 | 2112 | 2115 | 2121 | rVB2 | 28818 | 43507  | 6.48%  | 0.465% |
| 82  | 13.567 | 2124 | 2129 | 2131 | rBV3 | 10735 | 16712  | 2.49%  | 0.179% |
| 83  | 13.603 | 2131 | 2135 | 2137 | rVV2 | 15764 | 22546  | 3.36%  | 0.241% |
| 84  | 13.646 | 2137 | 2142 | 2146 | rVV3 | 40990 | 84649  | 12.61% | 0.904% |
| 85  | 13.701 | 2148 | 2151 | 2153 | rVV2 | 28585 | 45150  | 6.73%  | 0.482% |
| 86  | 13.725 | 2153 | 2155 | 2160 | rVV2 | 35586 | 45599  | 6.80%  | 0.487% |
| 87  | 13.810 | 2164 | 2169 | 2172 | rBV  | 18594 | 22818  | 3.40%  | 0.244% |
| 88  | 13.853 | 2172 | 2176 | 2181 | rVB3 | 22418 | 33336  | 4.97%  | 0.356% |
| 89  | 13.914 | 2181 | 2186 | 2190 | rVB2 | 26299 | 36703  | 5.47%  | 0.392% |
| 90  | 13.987 | 2191 | 2198 | 2202 | rBV2 | 38393 | 56932  | 8.48%  | 0.608% |
| 91  | 14.036 | 2202 | 2206 | 2209 | rVV2 | 16740 | 23100  | 3.44%  | 0.247% |
| 92  | 14.292 | 2239 | 2248 | 2252 | rVB5 | 29722 | 66451  | 9.90%  | 0.710% |
| 93  | 14.377 | 2259 | 2262 | 2267 | rVB  | 18681 | 23331  | 3.48%  | 0.249% |
| 94  | 14.432 | 2267 | 2271 | 2275 | rVB2 | 19331 | 25650  | 3.82%  | 0.274% |
| 95  | 14.481 | 2275 | 2279 | 2284 | rVB  | 14579 | 19066  | 2.84%  | 0.204% |
| 96  | 14.542 | 2284 | 2289 | 2293 | rBV2 | 46415 | 64949  | 9.68%  | 0.694% |
| 97  | 14.694 | 2312 | 2314 | 2318 | rVV2 | 12968 | 14927  | 2.22%  | 0.159% |
| 98  | 14.737 | 2318 | 2321 | 2325 | rVB  | 12005 | 14091  | 2.10%  | 0.151% |
| 99  | 14.847 | 2332 | 2339 | 2342 | rBV3 | 13528 | 21992  | 3.28%  | 0.235% |
| 100 | 15.249 | 2400 | 2405 | 2414 | rVB4 | 9186  | 16321  | 2.43%  | 0.174% |

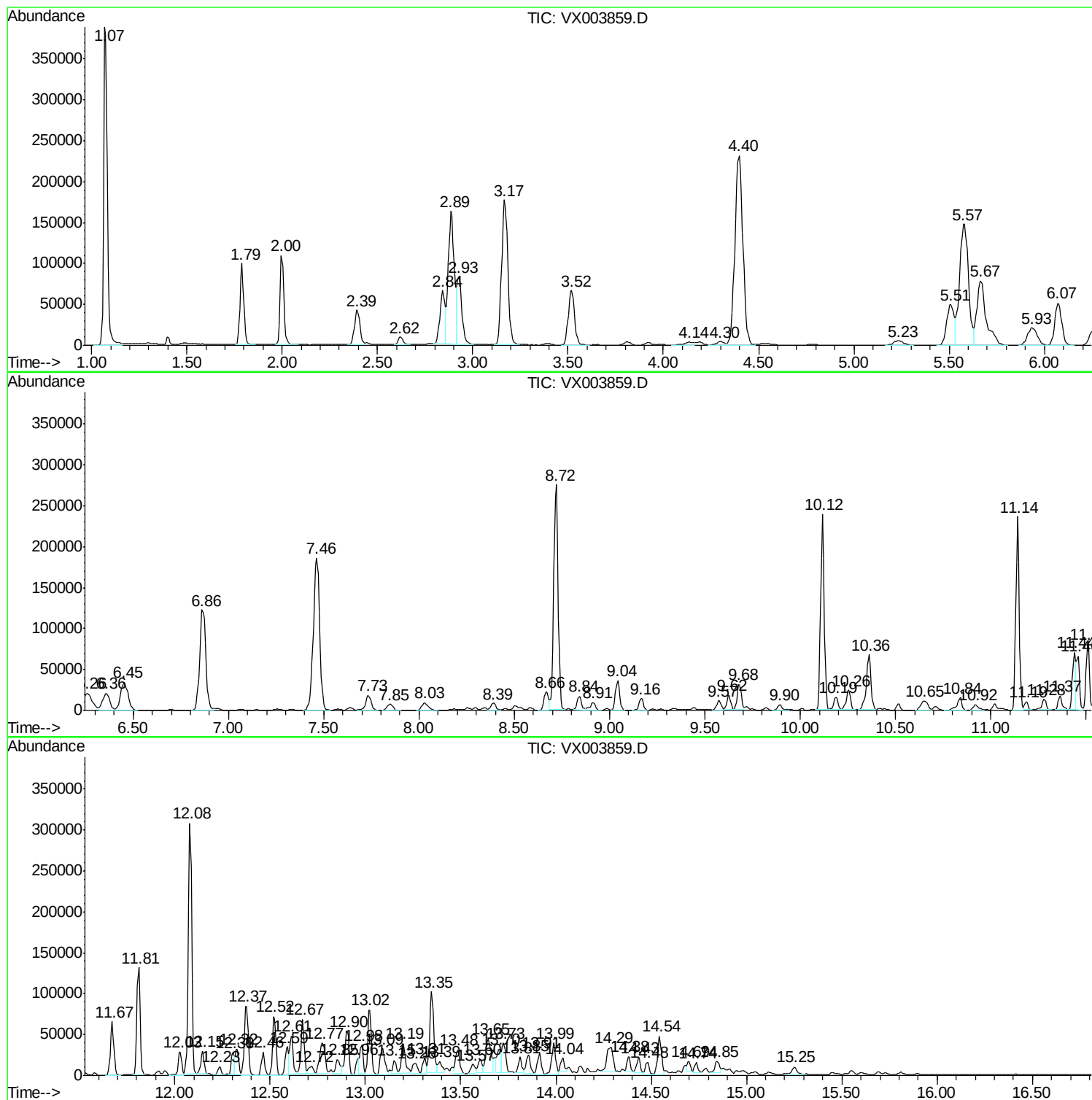
Sum of corrected areas: 9361873

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Quant Title : SW846 8260

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



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 Peak Number 1 Butane, 2-methyl- Concentration Rank 7

| R.T. | EstConc    | Area   | Relative to ISTD   | R.T. |
|------|------------|--------|--------------------|------|
| 1.79 | 25.65 ug/l | 137043 | Pentafluorobenzene | 5.67 |

| Hit# of | 5 | Tentative ID               | MW  | MolForm   | CAS#        | Qual |
|---------|---|----------------------------|-----|-----------|-------------|------|
| 1       |   | Butane, 2-methyl-          | 72  | C5H12     | 000078-78-4 | 94   |
| 2       |   | 3-Buten-1-ol               | 72  | C4H8O     | 000627-27-0 | 38   |
| 3       |   | Pentane                    | 72  | C5H12     | 000109-66-0 | 32   |
| 4       |   | 1-Butanesulfonyl chloride  | 156 | C4H9ClO2S | 002386-60-9 | 12   |
| 5       |   | Butane, 1-chloro-2-methyl- | 106 | C5H11Cl   | 000616-13-7 | 10   |

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 Peak Number 2 Pentane Concentration Rank 6

| R.T. | EstConc    | Area   | Relative to ISTD   | R.T. |
|------|------------|--------|--------------------|------|
| 2.00 | 28.35 ug/l | 151461 | Pentafluorobenzene | 5.67 |

| Hit# of | 5 | Tentative ID                      | MW  | MolForm | CAS#        | Qual |
|---------|---|-----------------------------------|-----|---------|-------------|------|
| 1       |   | Pentane                           | 72  | C5H12   | 000109-66-0 | 91   |
| 2       |   | Oxirane, ethyl-                   | 72  | C4H8O   | 000106-88-7 | 9    |
| 3       |   | Butane, 2-methyl-                 | 72  | C5H12   | 000078-78-4 | 9    |
| 4       |   | Butanal, 2,2-dimethyl-            | 100 | C6H12O  | 002094-75-9 | 9    |
| 5       |   | 2(3H)-Furanone, dihydro-4-methyl- | 100 | C5H8O2  | 001679-49-8 | 9    |

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 Peak Number 3 Butane, 2,3-dimethyl- Concentration Rank 9

| R.T. | EstConc    | Area   | Relative to ISTD   | R.T. |
|------|------------|--------|--------------------|------|
| 2.84 | 21.74 ug/l | 116169 | Pentafluorobenzene | 5.67 |

| Hit# of | 5 | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|---------|---|-----------------------------|-----|---------|-------------|------|
| 1       |   | Butane, 2,3-dimethyl-       | 86  | C6H14   | 000079-29-8 | 86   |
| 2       |   | Pentane, 2-methyl-          | 86  | C6H14   | 000107-83-5 | 50   |
| 3       |   | Pyrrolidine                 | 71  | C4H9N   | 000123-75-1 | 10   |
| 4       |   | Furan, tetrahydro-2-methyl- | 86  | C5H10O  | 000096-47-9 | 9    |
| 5       |   | Hexane, 2,3-dimethyl-       | 114 | C8H18   | 000584-94-1 | 9    |

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 Peak Number 4 Pentane, 2-methyl- Concentration Rank 4

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

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| 2.89 | 69.29 ug/l | 370209 | Pentafluorobenzene       | 5.67 |         |             |      |
|------|------------|--------|--------------------------|------|---------|-------------|------|
| Hit# | of         | 5      | Tentative ID             | MW   | MolForm | CAS#        | Qual |
| 1    |            |        | Pentane, 2-methyl-       | 86   | C6H14   | 000107-83-5 | 86   |
| 2    |            |        | Butane, 2,3-dimethyl-    | 86   | C6H14   | 000079-29-8 | 43   |
| 3    |            |        | Hexane, 2,3-dimethyl-    | 114  | C8H18   | 000584-94-1 | 38   |
| 4    |            |        | Pentane, 3,3-dimethyl-   | 100  | C7H16   | 000562-49-2 | 38   |
| 5    |            |        | 1-Butanol, 2,3-dimethyl- | 102  | C6H14O  | 019550-30-2 | 36   |

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 Peak Number 5 Cyclobutane, methyl- Concentration Rank 8

| R.T.      | EstConc                           | Area   | Relative to ISTD   | R.T.        |      |
|-----------|-----------------------------------|--------|--------------------|-------------|------|
| 2.93      | 24.72 ug/l                        | 132047 | Pentafluorobenzene | 5.67        |      |
| Hit# of 5 | Tentative ID                      | MW     | MolForm            | CAS#        | Qual |
| 1         | Cyclobutane, methyl-              | 70     | C5H10              | 000598-61-8 | 72   |
| 2         | 1-Pentene                         | 70     | C5H10              | 000109-67-1 | 56   |
| 3         | 2-Pentene                         | 70     | C5H10              | 000109-68-2 | 47   |
| 4         | 1-Pentanol                        | 88     | C5H12O             | 000071-41-0 | 40   |
| 5         | Cyclopropane, 1,2-dimethyl-, cis- | 70     | C5H10              | 000930-18-7 | 25   |

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 Peak Number 6 Pentane, 3-methyl- Concentration Rank 3

| R.T.      | EstConc                        | Area   | Relative to ISTD   | R.T.        |      |
|-----------|--------------------------------|--------|--------------------|-------------|------|
| 3.17      | 75.05 ug/l                     | 400972 | Pentafluorobenzene | 5.67        |      |
| Hit# of 5 | Tentative ID                   | MW     | MolForm            | CAS#        | Qual |
| 1         | Pentane, 3-methyl-             | 86     | C6H14              | 000096-14-0 | 91   |
| 2         | Hexane, 2,2,3-trimethyl-       | 128    | C9H20              | 016747-25-4 | 78   |
| 3         | Pentane, 3-ethyl-2,2-dimethyl- | 128    | C9H20              | 016747-32-3 | 64   |
| 4         | Pentane, 2,2,3-trimethyl-      | 114    | C8H18              | 000564-02-3 | 50   |
| 5         | n-Hexane                       | 86     | C6H14              | 000110-54-3 | 47   |

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 Peak Number 7 n-Hexane Concentration Rank 5

| R.T.    | EstConc    | Area         | Relative to ISTD   | R.T.    |      |      |
|---------|------------|--------------|--------------------|---------|------|------|
| 3.52    | 28.45 ug/l | 152001       | Pentafluorobenzene | 5.67    |      |      |
| Hit# of | 5          | Tentative ID | MW                 | MolForm | CAS# | Qual |

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ClientSampleId :  
FL-0520

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X080318W.M  
Quant Title : SW846 8260

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

|                                 |     |        |             |    |
|---------------------------------|-----|--------|-------------|----|
| 1 n-Hexane                      | 86  | C6H14  | 000110-54-3 | 94 |
| 2 Pentane, 2,2,3,4-tetramethyl- | 128 | C9H20  | 001186-53-4 | 40 |
| 3 Propanal, 2,2-dimethyl-       | 86  | C5H10O | 000630-19-3 | 38 |
| 4 Methane, isocyanato-          | 57  | C2H3NO | 000624-83-9 | 32 |
| 5 Pentane, 2,2,3-trimethyl-     | 114 | C8H18  | 000564-02-3 | 28 |

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Peak Number 8 Cyclopentane, methyl- Concentration Rank 1

| R.T. | EstConc     | Area   | Relative to ISTD   | R.T. |
|------|-------------|--------|--------------------|------|
| 4.40 | 125.60 ug/l | 671048 | Pentafluorobenzene | 5.67 |

| Hit# of | 5 | Tentative ID            | MW  | MolForm | CAS#        | Qual |
|---------|---|-------------------------|-----|---------|-------------|------|
| 1       |   | Cyclopentane, methyl-   | 84  | C6H12   | 000096-37-7 | 94   |
| 2       |   | 1H-Tetrazole, 5-methyl- | 84  | C2H4N4  | 004076-36-2 | 80   |
| 3       |   | Cyclobutane, ethyl-     | 84  | C6H12   | 004806-61-5 | 64   |
| 4       |   | 1-Pentene, 2-methyl-    | 84  | C6H12   | 000763-29-1 | 50   |
| 5       |   | Cyclobutane, butyl-     | 112 | C8H16   | 013152-44-8 | 50   |

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Peak Number 9 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 10

| R.T.  | EstConc    | Area   | Relative to ISTD       | R.T.  |
|-------|------------|--------|------------------------|-------|
| 13.35 | 18.47 ug/l | 140664 | 1,4-Dichlorobenzene-d4 | 12.08 |

| Hit# of | 5 | Tentative ID                   | MW  | MolForm | CAS#        | Qual |
|---------|---|--------------------------------|-----|---------|-------------|------|
| 1       |   | Benzene, 1,2,4,5-tetramethyl-  | 134 | C10H14  | 000095-93-2 | 91   |
| 2       |   | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14  | 001758-88-9 | 90   |
| 3       |   | o-Cymene                       | 134 | C10H14  | 000527-84-4 | 90   |
| 4       |   | Benzene, 4-ethyl-1,2-dimethyl- | 134 | C10H14  | 000934-80-5 | 87   |
| 5       |   | p-Cymene                       | 134 | C10H14  | 000099-87-6 | 87   |

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_X\DATA\VX080518\  
Data File : VX003859.D  
Acq On : 03 Aug 2018 20:01  
Operator : JC/MD  
Sample : J4263-03  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
FL-0520

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X080318W.M  
Quant Title : SW846 8260

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

| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                      |       |         |       |          | #                     | RT    | Resp   | Conc |
| Butane, 2-methyl-    | 1.79  | 25.6    | ug/l  | 137043   | 1                     | 5.67  | 267136 | 50.0 |
| Pentane              | 2.00  | 28.4    | ug/l  | 151461   | 1                     | 5.67  | 267136 | 50.0 |
| Butane, 2,3-dimet... | 2.84  | 21.7    | ug/l  | 116169   | 1                     | 5.67  | 267136 | 50.0 |
| Pentane, 2-methyl-   | 2.89  | 69.3    | ug/l  | 370209   | 1                     | 5.67  | 267136 | 50.0 |
| Cyclobutane, methyl- | 2.93  | 24.7    | ug/l  | 132047   | 1                     | 5.67  | 267136 | 50.0 |
| Pentane, 3-methyl-   | 3.17  | 75.0    | ug/l  | 400972   | 1                     | 5.67  | 267136 | 50.0 |
| n-Hexane             | 3.52  | 28.4    | ug/l  | 152001   | 1                     | 5.67  | 267136 | 50.0 |
| Cyclopentane, met... | 4.40  | 125.6   | ug/l  | 671048   | 1                     | 5.67  | 267136 | 50.0 |
| Benzene, 1,2,4,5-... | 13.35 | 18.5    | ug/l  | 140664   | 4                     | 12.08 | 380834 | 50.0 |