

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF050819\  
 Data File : VF062375.D  
 Acq On : 8 May 2019 14:16  
 Operator : FY/SY  
 Sample : K2673-01  
 Misc : 5.04g/5mL/MSVOA F/SOIL  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 SB-11-1.5-2.0

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\82F050619S.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         | 1.117       | 56            | 59          | 62           | rBV3     | 10654          | 25904         | 6.69%           | 0.995%        |
| 2         | 1.176       | 62            | 65          | 66           | rVV3     | 3682           | 7074          | 1.83%           | 0.272%        |
| 3         | 1.245       | 68            | 72          | 74           | rBV4     | 4120           | 10671         | 2.76%           | 0.410%        |
| 4         | 1.363       | 83            | 84          | 86           | rVV2     | 5044           | 4149          | 1.07%           | 0.159%        |
| 5         | 1.422       | 89            | 90          | 92           | rBV2     | 5292           | 6189          | 1.60%           | 0.238%        |
| 6         | 1.639       | 110           | 112         | 114          | rBV3     | 3608           | 6062          | 1.57%           | 0.233%        |
| 7         | 1.826       | 129           | 131         | 134          | rBV4     | 3269           | 4415          | 1.14%           | 0.170%        |
| 8         | 1.925       | 138           | 141         | 143          | rBV4     | 6529           | 13507         | 3.49%           | 0.519%        |
| 9         | 2.300       | 174           | 179         | 180          | rBV4     | 12845          | 28301         | 7.31%           | 1.087%        |
| 10        | 2.418       | 188           | 191         | 192          | rBV3     | 4515           | 9225          | 2.38%           | 0.354%        |
| 11        | 2.497       | 195           | 199         | 202          | rVV5     | 5298           | 12978         | 3.35%           | 0.498%        |
| 12        | 2.881       | 235           | 238         | 239          | rBV3     | 3119           | 4754          | 1.23%           | 0.183%        |
| 13        | 3.147       | 264           | 265         | 268          | rVB3     | 3650           | 4391          | 1.13%           | 0.169%        |
| 14        | 3.246       | 273           | 275         | 279          | rVB4     | 2548           | 4214          | 1.09%           | 0.162%        |
| 15        | 3.561       | 306           | 307         | 311          | rVV4     | 3168           | 5261          | 1.36%           | 0.202%        |
| 16        | 3.778       | 327           | 329         | 332          | rBV4     | 3730           | 5959          | 1.54%           | 0.229%        |
| 17        | 3.995       | 347           | 351         | 352          | rBV4     | 2340           | 4837          | 1.25%           | 0.186%        |
| 18        | 4.202       | 369           | 372         | 373          | rVV3     | 3456           | 5247          | 1.36%           | 0.202%        |
| 19        | 4.301       | 375           | 382         | 390          | rVV2     | 53518          | 171812        | 44.40%          | 6.599%        |
| 20        | 4.517       | 403           | 404         | 409          | rVB5     | 3042           | 5483          | 1.42%           | 0.211%        |
| 21        | 4.665       | 417           | 419         | 425          | rBB6     | 3493           | 6075          | 1.57%           | 0.233%        |
| 22        | 4.754       | 425           | 428         | 431          | rBV5     | 2115           | 4084          | 1.06%           | 0.157%        |
| 23        | 5.040       | 450           | 457         | 468          | rVV2     | 118938         | 386955        | 100.00%         | 14.863%       |
| 24        | 5.769       | 525           | 531         | 538          | rBV      | 109030         | 292207        | 75.51%          | 11.224%       |
| 25        | 6.075       | 557           | 562         | 566          | rBV6     | 2838           | 7384          | 1.91%           | 0.284%        |
| 26        | 6.390       | 591           | 594         | 596          | rVB4     | 2340           | 4105          | 1.06%           | 0.158%        |
| 27        | 6.548       | 606           | 610         | 611          | rVB4     | 2989           | 4069          | 1.05%           | 0.156%        |
| 28        | 6.607       | 611           | 616         | 617          | rBV4     | 3019           | 4398          | 1.14%           | 0.169%        |
| 29        | 6.657       | 620           | 621         | 625          | rVB3     | 5268           | 5062          | 1.31%           | 0.194%        |
| 30        | 6.726       | 625           | 628         | 632          | rVB4     | 4183           | 8653          | 2.24%           | 0.332%        |
| 31        | 6.804       | 632           | 636         | 639          | rBV6     | 4039           | 8824          | 2.28%           | 0.339%        |
| 32        | 7.110       | 665           | 667         | 669          | rBV3     | 3048           | 5241          | 1.35%           | 0.201%        |
| 33        | 7.307       | 684           | 687         | 690          | rBV4     | 2499           | 4473          | 1.16%           | 0.172%        |
| 34        | 7.475       | 701           | 704         | 707          | rVB4     | 4009           | 7613          | 1.97%           | 0.292%        |

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Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82F050619S.M  
 Title : SW846 8260

|    |        |      |      |      |      |        |        |        |         |
|----|--------|------|------|------|------|--------|--------|--------|---------|
| 35 | 7.701  | 720  | 727  | 735  | rBV  | 109690 | 270927 | 70.02% | 10.406% |
| 36 | 7.859  | 740  | 743  | 744  | rBV3 | 2605   | 4412   | 1.14%  | 0.169%  |
| 37 | 8.332  | 788  | 791  | 795  | rBV5 | 2021   | 5963   | 1.54%  | 0.229%  |
| 38 | 8.391  | 795  | 797  | 802  | rVV5 | 9260   | 21226  | 5.49%  | 0.815%  |
| 39 | 8.529  | 809  | 811  | 815  | rVB4 | 2555   | 4761   | 1.23%  | 0.183%  |
| 40 | 8.598  | 815  | 818  | 821  | rBV5 | 2728   | 6826   | 1.76%  | 0.262%  |
| 41 | 8.648  | 821  | 823  | 826  | rVB3 | 2979   | 4483   | 1.16%  | 0.172%  |
| 42 | 8.697  | 826  | 828  | 830  | rBV2 | 2728   | 4264   | 1.10%  | 0.164%  |
| 43 | 8.746  | 830  | 833  | 836  | rBV3 | 7554   | 14030  | 3.63%  | 0.539%  |
| 44 | 8.983  | 851  | 857  | 859  | rBV6 | 3047   | 9929   | 2.57%  | 0.381%  |
| 45 | 9.042  | 859  | 863  | 866  | rBV5 | 2596   | 6984   | 1.80%  | 0.268%  |
| 46 | 9.318  | 889  | 891  | 896  | rVV6 | 2205   | 6387   | 1.65%  | 0.245%  |
| 47 | 9.417  | 900  | 901  | 903  | rVV2 | 3079   | 4390   | 1.13%  | 0.169%  |
| 48 | 9.486  | 906  | 908  | 909  | rVV2 | 3356   | 4162   | 1.08%  | 0.160%  |
| 49 | 9.535  | 912  | 913  | 915  | rVV2 | 4031   | 6395   | 1.65%  | 0.246%  |
| 50 | 9.614  | 917  | 921  | 925  | rVV3 | 9137   | 21594  | 5.58%  | 0.829%  |
| 51 | 9.811  | 940  | 941  | 945  | rBV3 | 1888   | 4017   | 1.04%  | 0.154%  |
| 52 | 9.900  | 945  | 950  | 956  | rVV  | 124439 | 273682 | 70.73% | 10.512% |
| 53 | 10.028 | 960  | 963  | 966  | rVV5 | 5308   | 8109   | 2.10%  | 0.311%  |
| 54 | 10.116 | 969  | 972  | 977  | rBV7 | 1827   | 4979   | 1.29%  | 0.191%  |
| 55 | 10.254 | 983  | 986  | 991  | rVB3 | 18276  | 25905  | 6.69%  | 0.995%  |
| 56 | 10.343 | 994  | 995  | 998  | rVB3 | 3781   | 5538   | 1.43%  | 0.213%  |
| 57 | 10.402 | 998  | 1001 | 1003 | rBV4 | 1740   | 4121   | 1.06%  | 0.158%  |
| 58 | 10.590 | 1015 | 1020 | 1022 | rBV5 | 4465   | 8285   | 2.14%  | 0.318%  |
| 59 | 10.866 | 1047 | 1048 | 1053 | rVB4 | 4008   | 7859   | 2.03%  | 0.302%  |
| 60 | 11.211 | 1080 | 1083 | 1087 | rBV4 | 5068   | 11622  | 3.00%  | 0.446%  |
| 61 | 11.378 | 1095 | 1100 | 1101 | rBV4 | 2718   | 7242   | 1.87%  | 0.278%  |
| 62 | 11.447 | 1104 | 1107 | 1108 | rBV2 | 11534  | 21009  | 5.43%  | 0.807%  |
| 63 | 11.487 | 1108 | 1111 | 1116 | rVV  | 118374 | 200689 | 51.86% | 7.708%  |
| 64 | 11.565 | 1117 | 1119 | 1122 | rVV4 | 5792   | 12910  | 3.34%  | 0.496%  |
| 65 | 11.625 | 1123 | 1125 | 1127 | rVV3 | 6111   | 10572  | 2.73%  | 0.406%  |
| 66 | 11.664 | 1127 | 1129 | 1134 | rVV4 | 5433   | 10843  | 2.80%  | 0.416%  |
| 67 | 11.782 | 1138 | 1141 | 1145 | rBV5 | 4385   | 8645   | 2.23%  | 0.332%  |
| 68 | 11.851 | 1145 | 1148 | 1150 | rVV3 | 2037   | 5045   | 1.30%  | 0.194%  |
| 69 | 11.881 | 1150 | 1151 | 1154 | rVV3 | 4300   | 6444   | 1.67%  | 0.248%  |
| 70 | 11.960 | 1157 | 1159 | 1162 | rVB4 | 3656   | 6156   | 1.59%  | 0.236%  |
| 71 | 12.186 | 1179 | 1182 | 1184 | rVV4 | 4382   | 7529   | 1.95%  | 0.289%  |

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 Start Thrs: 0.2  
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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\82F050619S.M  
 Title : SW846 8260

|     |        |      |      |      |      |        |        |        |        |
|-----|--------|------|------|------|------|--------|--------|--------|--------|
| 72  | 12.226 | 1184 | 1186 | 1188 | rVV3 | 2883   | 4522   | 1.17%  | 0.174% |
| 73  | 12.265 | 1188 | 1190 | 1193 | rVV3 | 5168   | 8777   | 2.27%  | 0.337% |
| 74  | 12.354 | 1196 | 1199 | 1200 | rVV3 | 3128   | 6537   | 1.69%  | 0.251% |
| 75  | 12.482 | 1209 | 1212 | 1213 | rBV3 | 3405   | 4983   | 1.29%  | 0.191% |
| 76  | 12.512 | 1213 | 1215 | 1221 | rVV7 | 5751   | 15496  | 4.00%  | 0.595% |
| 77  | 12.600 | 1221 | 1224 | 1232 | rVV  | 154945 | 250599 | 64.76% | 9.625% |
| 78  | 12.738 | 1235 | 1238 | 1243 | rBV6 | 2482   | 5777   | 1.49%  | 0.222% |
| 79  | 12.817 | 1243 | 1246 | 1249 | rVB3 | 2239   | 5316   | 1.37%  | 0.204% |
| 80  | 12.896 | 1249 | 1254 | 1256 | rBV5 | 4900   | 11070  | 2.86%  | 0.425% |
| 81  | 12.975 | 1258 | 1262 | 1265 | rVB5 | 4156   | 9848   | 2.54%  | 0.378% |
| 82  | 13.320 | 1294 | 1297 | 1300 | rVB4 | 5263   | 7732   | 2.00%  | 0.297% |
| 83  | 13.428 | 1305 | 1308 | 1311 | rBV2 | 2029   | 4138   | 1.07%  | 0.159% |
| 84  | 13.685 | 1332 | 1334 | 1337 | rVV3 | 2247   | 4024   | 1.04%  | 0.155% |
| 85  | 13.744 | 1337 | 1340 | 1343 | rVV5 | 4400   | 5939   | 1.53%  | 0.228% |
| 86  | 13.803 | 1343 | 1346 | 1348 | rVV4 | 2322   | 4119   | 1.06%  | 0.158% |
| 87  | 13.902 | 1354 | 1356 | 1362 | rVB5 | 4890   | 11692  | 3.02%  | 0.449% |
| 88  | 14.109 | 1375 | 1377 | 1380 | rBV4 | 1989   | 4443   | 1.15%  | 0.171% |
| 89  | 14.227 | 1386 | 1389 | 1391 | rVB3 | 7264   | 9051   | 2.34%  | 0.348% |
| 90  | 14.483 | 1409 | 1415 | 1419 | rBV3 | 17026  | 32497  | 8.40%  | 1.248% |
| 91  | 14.631 | 1428 | 1430 | 1433 | rVB3 | 6515   | 9674   | 2.50%  | 0.372% |
| 92  | 14.720 | 1436 | 1439 | 1441 | rBV3 | 2201   | 4059   | 1.05%  | 0.156% |
| 93  | 14.927 | 1458 | 1460 | 1463 | rBV3 | 3477   | 7382   | 1.91%  | 0.284% |
| 94  | 15.075 | 1474 | 1475 | 1479 | rVB3 | 2269   | 4776   | 1.23%  | 0.183% |
| 95  | 15.163 | 1479 | 1484 | 1485 | rBV5 | 3167   | 8539   | 2.21%  | 0.328% |
| 96  | 15.459 | 1511 | 1514 | 1516 | rBV4 | 3169   | 6410   | 1.66%  | 0.246% |
| 97  | 15.548 | 1522 | 1523 | 1528 | rVB3 | 3236   | 4222   | 1.09%  | 0.162% |
| 98  | 15.607 | 1528 | 1529 | 1534 | rBV5 | 1964   | 4106   | 1.06%  | 0.158% |
| 99  | 15.666 | 1534 | 1535 | 1538 | rBV3 | 2571   | 4009   | 1.04%  | 0.154% |
| 100 | 15.774 | 1543 | 1546 | 1548 | rBV4 | 2943   | 6265   | 1.62%  | 0.241% |

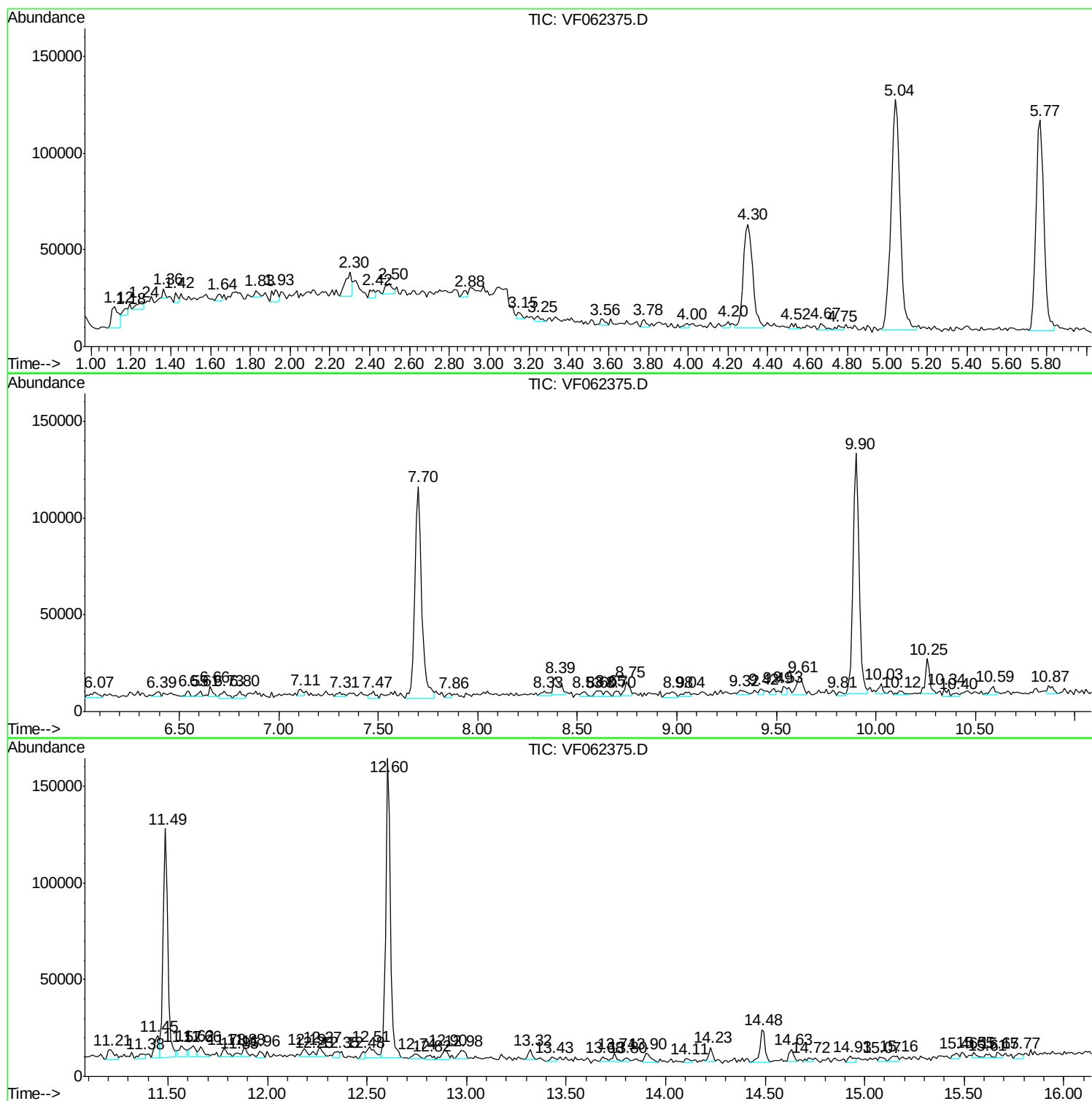
Sum of corrected areas: 2603512

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82F050619S.M  
Quant Title : SW846 8260

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



Data Path : Z:\V0ASRV\HPCHEM1\MSV0A\_F\DATA\VF050819\  
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TIC Library : C:\DATABASE\NIST11.L  
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No Library Search Compounds Detected

\*\*\*\*\*

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| TIC Top Hit name | RT | EstConc | Units | Response | --Internal Standard-- |
|------------------|----|---------|-------|----------|-----------------------|
|                  |    |         |       |          | # RT Resp Conc        |