

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG070116\  
 Data File : BG022774.D  
 Acq On : 2 Jul 2016 1:46  
 Operator : UM/SJ  
 Sample : H3752-02  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BDHL4

## Integration Parameters: LSCINT.P

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

Filtering: 5  
 Min Area: 0.1 % 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:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG063016.M  
 Title : SVOA CALIBRATION

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         | 3.473       | 106           | 108         | 110          | rBV3     | 8966           | 6561          | 0.17%           | 0.015%        |
| 2         | 3.732       | 150           | 152         | 154          | rBV2     | 8832           | 6077          | 0.16%           | 0.014%        |
| 3         | 3.767       | 156           | 158         | 161          | rVB3     | 9120           | 7012          | 0.18%           | 0.016%        |
| 4         | 3.826       | 164           | 168         | 171          | rBV6     | 12758          | 22739         | 0.58%           | 0.052%        |
| 5         | 4.072       | 209           | 210         | 214          | rVB3     | 9781           | 7966          | 0.20%           | 0.018%        |
| 6         | 4.108       | 214           | 216         | 219          | rVB4     | 9020           | 8668          | 0.22%           | 0.020%        |
| 7         | 4.901       | 348           | 351         | 353          | rBV4     | 12280          | 9304          | 0.24%           | 0.021%        |
| 8         | 5.083       | 379           | 382         | 384          | rVB3     | 6760           | 7230          | 0.18%           | 0.016%        |
| 9         | 5.312       | 419           | 421         | 423          | rVB3     | 8734           | 6423          | 0.16%           | 0.015%        |
| 10        | 5.347       | 423           | 427         | 431          | rBV6     | 5495           | 11356         | 0.29%           | 0.026%        |
| 11        | 6.082       | 548           | 552         | 554          | rBV4     | 6063           | 6093          | 0.16%           | 0.014%        |
| 12        | 6.211       | 573           | 574         | 578          | rVB4     | 9435           | 9018          | 0.23%           | 0.021%        |
| 13        | 6.352       | 596           | 598         | 600          | rVB3     | 9237           | 8321          | 0.21%           | 0.019%        |
| 14        | 6.370       | 600           | 601         | 603          | rBV2     | 7395           | 6547          | 0.17%           | 0.015%        |
| 15        | 6.440       | 609           | 613         | 617          | rBV4     | 4783           | 8487          | 0.22%           | 0.019%        |
| 16        | 6.922       | 692           | 695         | 698          | rBV3     | 6283           | 7682          | 0.20%           | 0.018%        |
| 17        | 6.957       | 698           | 701         | 703          | rVB3     | 5391           | 6348          | 0.16%           | 0.014%        |
| 18        | 7.239       | 746           | 749         | 750          | rBV      | 8391           | 9837          | 0.25%           | 0.022%        |
| 19        | 7.263       | 750           | 753         | 754          | rBV3     | 7277           | 7921          | 0.20%           | 0.018%        |
| 20        | 7.310       | 754           | 761         | 775          | rVB      | 473987         | 901777        | 23.06%          | 2.057%        |
| 21        | 7.474       | 780           | 789         | 799          | rBV      | 341423         | 619056        | 15.83%          | 1.412%        |
| 22        | 7.580       | 804           | 807         | 809          | rBV3     | 8448           | 7130          | 0.18%           | 0.016%        |
| 23        | 7.686       | 819           | 825         | 835          | rVB      | 447144         | 816100        | 20.87%          | 1.862%        |
| 24        | 7.845       | 849           | 852         | 854          | rBV4     | 4820           | 5786          | 0.15%           | 0.013%        |
| 25        | 7.968       | 870           | 873         | 875          | rVB4     | 6776           | 5948          | 0.15%           | 0.014%        |
| 26        | 8.162       | 898           | 906         | 916          | rVB      | 500825         | 927701        | 23.72%          | 2.116%        |
| 27        | 8.291       | 923           | 928         | 930          | rBV3     | 4703           | 7323          | 0.19%           | 0.017%        |
| 28        | 8.379       | 939           | 943         | 945          | rBV4     | 10903          | 12907         | 0.33%           | 0.029%        |
| 29        | 8.403       | 945           | 947         | 953          | rVB4     | 9459           | 16662         | 0.43%           | 0.038%        |
| 30        | 8.696       | 991           | 997         | 998          | rBV4     | 10870          | 14097         | 0.36%           | 0.032%        |
| 31        | 8.714       | 998           | 1000        | 1007         | rVB6     | 5149           | 9318          | 0.24%           | 0.021%        |
| 32        | 8.814       | 1013          | 1017        | 1018         | rBV4     | 7133           | 7121          | 0.18%           | 0.016%        |
| 33        | 8.861       | 1018          | 1025        | 1036         | rVV      | 633127         | 1127923       | 28.85%          | 2.573%        |
| 34        | 8.990       | 1043          | 1047        | 1048         | rBV2     | 9499           | 13107         | 0.34%           | 0.030%        |

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 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 35 | 9.025  | 1052 | 1053 | 1058 | rBV4 | 6954    | 8568    | 0.22%  | 0.020% |
| 36 | 9.061  | 1058 | 1059 | 1064 | rVB4 | 7760    | 5913    | 0.15%  | 0.013% |
| 37 | 9.331  | 1096 | 1105 | 1114 | rBV  | 485433  | 879865  | 22.50% | 2.007% |
| 38 | 9.719  | 1165 | 1171 | 1174 | rBV4 | 19960   | 31943   | 0.82%  | 0.073% |
| 39 | 9.971  | 1211 | 1214 | 1216 | rBV3 | 5850    | 7901    | 0.20%  | 0.018% |
| 40 | 10.060 | 1222 | 1229 | 1239 | rVB2 | 408190  | 769817  | 19.69% | 1.756% |
| 41 | 10.342 | 1274 | 1277 | 1281 | rBV4 | 8481    | 14126   | 0.36%  | 0.032% |
| 42 | 10.424 | 1286 | 1291 | 1292 | rBV4 | 7663    | 7911    | 0.20%  | 0.018% |
| 43 | 10.600 | 1313 | 1321 | 1329 | rBV  | 687792  | 1270248 | 32.48% | 2.898% |
| 44 | 10.741 | 1343 | 1345 | 1348 | rVV4 | 5356    | 6071    | 0.16%  | 0.014% |
| 45 | 10.788 | 1351 | 1353 | 1357 | rVB4 | 7217    | 7899    | 0.20%  | 0.018% |
| 46 | 10.988 | 1377 | 1387 | 1396 | rBV  | 759430  | 1435743 | 36.72% | 3.276% |
| 47 | 11.117 | 1402 | 1409 | 1422 | rVB2 | 608953  | 1134285 | 29.01% | 2.588% |
| 48 | 11.223 | 1426 | 1427 | 1430 | rBV3 | 8018    | 7100    | 0.18%  | 0.016% |
| 49 | 11.258 | 1432 | 1433 | 1437 | rVB3 | 6153    | 7034    | 0.18%  | 0.016% |
| 50 | 11.752 | 1513 | 1517 | 1518 | rBV2 | 6211    | 7323    | 0.19%  | 0.017% |
| 51 | 11.846 | 1531 | 1533 | 1537 | rBV4 | 4514    | 7693    | 0.20%  | 0.018% |
| 52 | 12.087 | 1569 | 1574 | 1579 | rBV6 | 9089    | 13453   | 0.34%  | 0.031% |
| 53 | 12.216 | 1592 | 1596 | 1598 | rBV4 | 8495    | 11414   | 0.29%  | 0.026% |
| 54 | 12.328 | 1611 | 1615 | 1618 | rBV4 | 5844    | 8419    | 0.22%  | 0.019% |
| 55 | 12.445 | 1633 | 1635 | 1638 | rVB4 | 8657    | 8445    | 0.22%  | 0.019% |
| 56 | 12.557 | 1650 | 1654 | 1657 | rBV4 | 14278   | 25041   | 0.64%  | 0.057% |
| 57 | 12.610 | 1660 | 1663 | 1666 | rVB4 | 7635    | 11022   | 0.28%  | 0.025% |
| 58 | 12.657 | 1668 | 1671 | 1674 | rVB4 | 6768    | 8327    | 0.21%  | 0.019% |
| 59 | 13.009 | 1728 | 1731 | 1732 | rVB3 | 7438    | 5834    | 0.15%  | 0.013% |
| 60 | 13.050 | 1735 | 1738 | 1740 | rBV3 | 6826    | 7304    | 0.19%  | 0.017% |
| 61 | 13.138 | 1748 | 1753 | 1754 | rBV4 | 11800   | 10252   | 0.26%  | 0.023% |
| 62 | 13.156 | 1754 | 1756 | 1759 | rVB4 | 6628    | 6901    | 0.18%  | 0.016% |
| 63 | 13.221 | 1764 | 1767 | 1769 | rBV4 | 6852    | 8161    | 0.21%  | 0.019% |
| 64 | 13.303 | 1780 | 1781 | 1782 | rBV  | 8920    | 5877    | 0.15%  | 0.013% |
| 65 | 13.397 | 1792 | 1797 | 1800 | rVB5 | 8575    | 10441   | 0.27%  | 0.024% |
| 66 | 13.585 | 1826 | 1829 | 1831 | rBV4 | 9057    | 9484    | 0.24%  | 0.022% |
| 67 | 13.649 | 1837 | 1840 | 1841 | rBV3 | 9864    | 12029   | 0.31%  | 0.027% |
| 68 | 13.679 | 1841 | 1845 | 1849 | rVB6 | 16044   | 28724   | 0.73%  | 0.066% |
| 69 | 14.049 | 1906 | 1908 | 1911 | rBV4 | 6960    | 8993    | 0.23%  | 0.021% |
| 70 | 14.196 | 1926 | 1933 | 1938 | rBV  | 1414991 | 2102203 | 53.76% | 4.796% |
| 71 | 14.243 | 1938 | 1941 | 1948 | rVB  | 164727  | 226305  | 5.79%  | 0.516% |

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Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG063016.M  
Title : SVOA CALIBRATION

|     |        |      |      |      |      |         |         |         |        |
|-----|--------|------|------|------|------|---------|---------|---------|--------|
| 72  | 14.425 | 1969 | 1972 | 1973 | rBV2 | 10305   | 9537    | 0.24%   | 0.022% |
| 73  | 14.496 | 1977 | 1984 | 1993 | rVV  | 1391997 | 2213204 | 56.60%  | 5.049% |
| 74  | 14.619 | 2003 | 2005 | 2008 | rBV4 | 8717    | 9440    | 0.24%   | 0.022% |
| 75  | 14.672 | 2011 | 2014 | 2017 | rVB4 | 17731   | 21807   | 0.56%   | 0.050% |
| 76  | 14.801 | 2029 | 2036 | 2044 | rVB2 | 1451878 | 2366700 | 60.53%  | 5.399% |
| 77  | 14.872 | 2044 | 2048 | 2051 | rBV6 | 7865    | 9650    | 0.25%   | 0.022% |
| 78  | 14.995 | 2059 | 2069 | 2077 | rBV2 | 461176  | 849804  | 21.73%  | 1.939% |
| 79  | 15.265 | 2113 | 2115 | 2117 | rBV3 | 9857    | 10152   | 0.26%   | 0.023% |
| 80  | 15.406 | 2137 | 2139 | 2143 | rBV5 | 7375    | 10217   | 0.26%   | 0.023% |
| 81  | 15.553 | 2162 | 2164 | 2166 | rBV3 | 8463    | 8850    | 0.23%   | 0.020% |
| 82  | 15.618 | 2173 | 2175 | 2178 | rVB4 | 21662   | 23102   | 0.59%   | 0.053% |
| 83  | 15.718 | 2191 | 2192 | 2194 | rBV  | 8694    | 6226    | 0.16%   | 0.014% |
| 84  | 15.794 | 2198 | 2205 | 2213 | rVV  | 1979011 | 3126701 | 79.96%  | 7.133% |
| 85  | 15.900 | 2217 | 2223 | 2232 | rVV  | 409490  | 609212  | 15.58%  | 1.390% |
| 86  | 16.029 | 2238 | 2245 | 2249 | rBV7 | 40877   | 65688   | 1.68%   | 0.150% |
| 87  | 16.487 | 2320 | 2323 | 2326 | rBV5 | 38780   | 68052   | 1.74%   | 0.155% |
| 88  | 16.617 | 2342 | 2345 | 2349 | rBV5 | 18303   | 23908   | 0.61%   | 0.055% |
| 89  | 16.740 | 2364 | 2366 | 2368 | rBV3 | 18592   | 15114   | 0.39%   | 0.034% |
| 90  | 17.281 | 2455 | 2458 | 2462 | rBV4 | 54338   | 63929   | 1.63%   | 0.146% |
| 91  | 17.557 | 2498 | 2505 | 2511 | rBV2 | 1825420 | 2935037 | 75.06%  | 6.696% |
| 92  | 17.651 | 2515 | 2521 | 2528 | rVV2 | 2075811 | 3209680 | 82.08%  | 7.323% |
| 93  | 18.420 | 2648 | 2652 | 2659 | rVB3 | 172036  | 238328  | 6.09%   | 0.544% |
| 94  | 19.684 | 2864 | 2867 | 2872 | rBV7 | 77950   | 92287   | 2.36%   | 0.211% |
| 95  | 19.936 | 2904 | 2910 | 2920 | rVB  | 2640354 | 3910279 | 100.00% | 8.921% |
| 96  | 21.464 | 3166 | 3170 | 3178 | rBV8 | 158985  | 296056  | 7.57%   | 0.675% |
| 97  | 21.722 | 3209 | 3214 | 3221 | rBV  | 267952  | 398349  | 10.19%  | 0.909% |
| 98  | 21.858 | 3230 | 3237 | 3243 | rBV2 | 2038365 | 3516645 | 89.93%  | 8.023% |
| 99  | 25.001 | 3762 | 3772 | 3782 | rBV3 | 1213643 | 3502773 | 89.58%  | 7.991% |
| 100 | 25.224 | 3803 | 3810 | 3824 | rVB3 | 1154470 | 3428366 | 87.68%  | 7.821% |

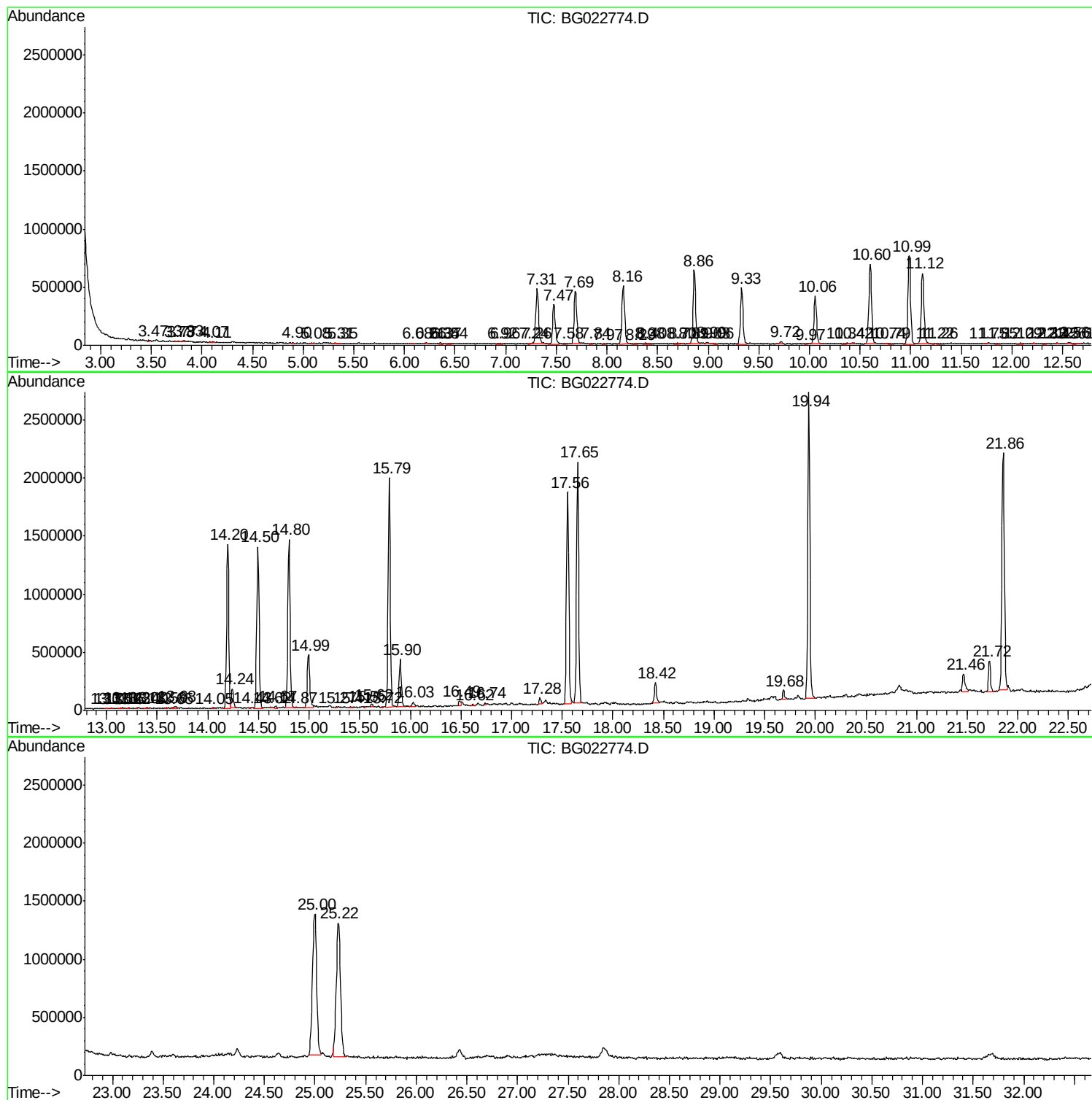
Sum of corrected areas: 43832708

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Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG063016.M  
Quant Title : SVOA CALIBRATION

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



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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        |