

Data Path : Z:\HPCHEM1\BNA G\DATA\BG052616\  
 Data File : BG022086.D  
 Acq On : 26 May 2016 18:25  
 Operator : UM/SJ  
 Sample : H3201-20  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BCZH6

## 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-BG052116.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         | 3.171       | 52            | 56          | 57           | rBV4     | 3645           | 4444          | 0.80%           | 0.093%        |
| 2         | 3.353       | 85            | 87          | 90           | rVB2     | 2335           | 1765          | 0.32%           | 0.037%        |
| 3         | 3.664       | 138           | 140         | 144          | rBV4     | 662            | 827           | 0.15%           | 0.017%        |
| 4         | 3.999       | 194           | 197         | 200          | rVB3     | 681            | 838           | 0.15%           | 0.017%        |
| 5         | 4.293       | 244           | 247         | 250          | rVB3     | 791            | 894           | 0.16%           | 0.019%        |
| 6         | 4.416       | 265           | 268         | 270          | rBV      | 874            | 761           | 0.14%           | 0.016%        |
| 7         | 4.545       | 287           | 290         | 293          | rBV4     | 469            | 805           | 0.15%           | 0.017%        |
| 8         | 4.657       | 307           | 309         | 313          | rBV2     | 570            | 954           | 0.17%           | 0.020%        |
| 9         | 4.722       | 316           | 320         | 321          | rVB3     | 897            | 882           | 0.16%           | 0.018%        |
| 10        | 4.986       | 361           | 365         | 367          | rVB4     | 852            | 989           | 0.18%           | 0.021%        |
| 11        | 5.010       | 367           | 369         | 372          | rBV4     | 624            | 843           | 0.15%           | 0.018%        |
| 12        | 5.110       | 383           | 386         | 389          | rVB3     | 823            | 1069          | 0.19%           | 0.022%        |
| 13        | 5.209       | 398           | 403         | 413          | rVB5     | 1472           | 2588          | 0.47%           | 0.054%        |
| 14        | 6.819       | 672           | 677         | 678          | rBV3     | 1005           | 1219          | 0.22%           | 0.025%        |
| 15        | 7.313       | 754           | 761         | 770          | rBV      | 35080          | 73931         | 13.36%          | 1.542%        |
| 16        | 7.372       | 770           | 771         | 775          | rVV3     | 1770           | 1563          | 0.28%           | 0.033%        |
| 17        | 7.471       | 779           | 788         | 800          | rVV      | 30322          | 65997         | 11.93%          | 1.376%        |
| 18        | 7.571       | 803           | 805         | 809          | rVB2     | 796            | 809           | 0.15%           | 0.017%        |
| 19        | 7.624       | 811           | 814         | 816          | rBV3     | 648            | 841           | 0.15%           | 0.018%        |
| 20        | 7.683       | 818           | 824         | 833          | rBV2     | 41866          | 84671         | 15.30%          | 1.765%        |
| 21        | 7.783       | 838           | 841         | 844          | rVB3     | 794            | 1025          | 0.19%           | 0.021%        |
| 22        | 8.018       | 880           | 881         | 884          | rBV2     | 1119           | 748           | 0.14%           | 0.016%        |
| 23        | 8.153       | 892           | 904         | 919          | rBV      | 99748          | 202184        | 36.53%          | 4.216%        |
| 24        | 8.253       | 919           | 921         | 926          | rVB5     | 1296           | 1788          | 0.32%           | 0.037%        |
| 25        | 8.335       | 933           | 935         | 936          | rBV      | 782            | 738           | 0.13%           | 0.015%        |
| 26        | 8.370       | 938           | 941         | 947          | rVB4     | 1333           | 2483          | 0.45%           | 0.052%        |
| 27        | 8.746       | 1002          | 1005        | 1008         | rBV      | 589            | 732           | 0.13%           | 0.015%        |
| 28        | 8.817       | 1013          | 1017        | 1018         | rBV2     | 1109           | 1265          | 0.23%           | 0.026%        |
| 29        | 8.864       | 1018          | 1025        | 1035         | rVV2     | 39758          | 85506         | 15.45%          | 1.783%        |
| 30        | 8.946       | 1037          | 1039        | 1043         | rVB3     | 1261           | 1435          | 0.26%           | 0.030%        |
| 31        | 9.040       | 1053          | 1055        | 1059         | rVB3     | 1299           | 1654          | 0.30%           | 0.034%        |
| 32        | 9.117       | 1066          | 1068        | 1073         | rVB3     | 656            | 813           | 0.15%           | 0.017%        |
| 33        | 9.322       | 1096          | 1103        | 1117         | rBV      | 34217          | 79429         | 14.35%          | 1.656%        |
| 34        | 9.422       | 1117          | 1120        | 1125         | rVB4     | 1878           | 1858          | 0.34%           | 0.039%        |

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 Title : SVOA CALIBRATION

|    |        |      |      |      |      |        |        |        |         |
|----|--------|------|------|------|------|--------|--------|--------|---------|
| 35 | 9.575  | 1145 | 1146 | 1150 | rVB  | 957    | 899    | 0.16%  | 0.019%  |
| 36 | 9.610  | 1150 | 1152 | 1153 | rBV2 | 808    | 779    | 0.14%  | 0.016%  |
| 37 | 10.051 | 1218 | 1227 | 1242 | rBV  | 29943  | 68553  | 12.39% | 1.429%  |
| 38 | 10.597 | 1313 | 1320 | 1331 | rBV  | 57234  | 118679 | 21.45% | 2.475%  |
| 39 | 10.973 | 1376 | 1384 | 1398 | rVV  | 184924 | 379628 | 68.60% | 7.916%  |
| 40 | 11.114 | 1401 | 1408 | 1418 | rBV  | 33359  | 83439  | 15.08% | 1.740%  |
| 41 | 11.255 | 1431 | 1432 | 1436 | rVB2 | 800    | 839    | 0.15%  | 0.017%  |
| 42 | 11.855 | 1531 | 1534 | 1537 | rVB2 | 600    | 874    | 0.16%  | 0.018%  |
| 43 | 12.377 | 1619 | 1623 | 1626 | rVB2 | 677    | 929    | 0.17%  | 0.019%  |
| 44 | 12.554 | 1648 | 1653 | 1659 | rVB4 | 1105   | 2495   | 0.45%  | 0.052%  |
| 45 | 13.124 | 1745 | 1750 | 1751 | rBV2 | 1129   | 1190   | 0.22%  | 0.025%  |
| 46 | 13.141 | 1751 | 1753 | 1756 | rVV3 | 1059   | 1218   | 0.22%  | 0.025%  |
| 47 | 13.312 | 1776 | 1782 | 1787 | rBV3 | 3917   | 6291   | 1.14%  | 0.131%  |
| 48 | 13.376 | 1789 | 1793 | 1797 | rBV2 | 1573   | 2016   | 0.36%  | 0.042%  |
| 49 | 13.447 | 1803 | 1805 | 1808 | rBV2 | 652    | 964    | 0.17%  | 0.020%  |
| 50 | 13.588 | 1826 | 1829 | 1833 | rVV3 | 1308   | 1302   | 0.24%  | 0.027%  |
| 51 | 13.652 | 1833 | 1840 | 1844 | rBV5 | 3041   | 5273   | 0.95%  | 0.110%  |
| 52 | 14.169 | 1921 | 1928 | 1933 | rBV  | 128765 | 221088 | 39.95% | 4.610%  |
| 53 | 14.217 | 1933 | 1936 | 1944 | rVV  | 62955  | 99932  | 18.06% | 2.084%  |
| 54 | 14.275 | 1944 | 1946 | 1950 | rVB4 | 1016   | 1372   | 0.25%  | 0.029%  |
| 55 | 14.475 | 1973 | 1980 | 1992 | rVB  | 169023 | 294441 | 53.20% | 6.139%  |
| 56 | 14.651 | 2004 | 2010 | 2015 | rVB3 | 5122   | 8513   | 1.54%  | 0.178%  |
| 57 | 14.716 | 2017 | 2021 | 2022 | rBV2 | 699    | 875    | 0.16%  | 0.018%  |
| 58 | 14.781 | 2024 | 2032 | 2039 | rBV2 | 296266 | 540782 | 97.72% | 11.276% |
| 59 | 14.845 | 2041 | 2043 | 2051 | rVB4 | 3368   | 4588   | 0.83%  | 0.096%  |
| 60 | 14.998 | 2063 | 2069 | 2078 | rBV5 | 9849   | 31987  | 5.78%  | 0.667%  |
| 61 | 15.139 | 2091 | 2093 | 2097 | rVB5 | 1608   | 2339   | 0.42%  | 0.049%  |
| 62 | 15.262 | 2109 | 2114 | 2119 | rVB4 | 2763   | 5060   | 0.91%  | 0.106%  |
| 63 | 15.327 | 2122 | 2125 | 2127 | rBV2 | 2118   | 2085   | 0.38%  | 0.043%  |
| 64 | 15.544 | 2158 | 2162 | 2166 | rBV4 | 2383   | 3708   | 0.67%  | 0.077%  |
| 65 | 15.591 | 2166 | 2170 | 2176 | rVB3 | 11526  | 17224  | 3.11%  | 0.359%  |
| 66 | 15.644 | 2176 | 2179 | 2180 | rBV2 | 1560   | 1507   | 0.27%  | 0.031%  |
| 67 | 15.668 | 2180 | 2183 | 2184 | rVB2 | 937    | 846    | 0.15%  | 0.018%  |
| 68 | 15.715 | 2188 | 2191 | 2193 | rBV3 | 1490   | 1880   | 0.34%  | 0.039%  |
| 69 | 15.768 | 2193 | 2200 | 2214 | rBV  | 217850 | 374535 | 67.68% | 7.809%  |
| 70 | 15.891 | 2216 | 2221 | 2226 | rBV  | 25933  | 42011  | 7.59%  | 0.876%  |
| 71 | 15.997 | 2232 | 2239 | 2244 | rVB7 | 6430   | 12216  | 2.21%  | 0.255%  |

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Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG052116.M  
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|-----|--------|------|------|------|------|--------|--------|---------|---------|
| 72  | 16.038 | 2244 | 2246 | 2250 | rBV4 | 1565   | 2067   | 0.37%   | 0.043%  |
| 73  | 16.097 | 2252 | 2256 | 2258 | rVB3 | 1910   | 1927   | 0.35%   | 0.040%  |
| 74  | 16.144 | 2261 | 2264 | 2267 | rBV3 | 1340   | 2347   | 0.42%   | 0.049%  |
| 75  | 16.220 | 2271 | 2277 | 2280 | rBV4 | 2418   | 4707   | 0.85%   | 0.098%  |
| 76  | 16.244 | 2280 | 2281 | 2285 | rVB  | 2148   | 1696   | 0.31%   | 0.035%  |
| 77  | 16.279 | 2285 | 2287 | 2288 | rBV  | 1960   | 1548   | 0.28%   | 0.032%  |
| 78  | 16.455 | 2312 | 2317 | 2327 | rBV3 | 12081  | 26030  | 4.70%   | 0.543%  |
| 79  | 16.578 | 2334 | 2338 | 2340 | rBV4 | 1448   | 2301   | 0.42%   | 0.048%  |
| 80  | 16.608 | 2340 | 2343 | 2344 | rVV3 | 2029   | 2337   | 0.42%   | 0.049%  |
| 81  | 16.637 | 2344 | 2348 | 2350 | rVV4 | 3229   | 4505   | 0.81%   | 0.094%  |
| 82  | 16.678 | 2353 | 2355 | 2356 | rBV2 | 1204   | 911    | 0.16%   | 0.019%  |
| 83  | 16.719 | 2359 | 2362 | 2363 | rVV2 | 884    | 1119   | 0.20%   | 0.023%  |
| 84  | 16.731 | 2363 | 2364 | 2366 | rVB2 | 1844   | 968    | 0.17%   | 0.020%  |
| 85  | 16.796 | 2371 | 2375 | 2377 | rBV4 | 2804   | 3321   | 0.60%   | 0.069%  |
| 86  | 16.855 | 2384 | 2385 | 2387 | rVB  | 2006   | 1299   | 0.23%   | 0.027%  |
| 87  | 16.890 | 2390 | 2391 | 2393 | rBV2 | 1419   | 937    | 0.17%   | 0.020%  |
| 88  | 16.913 | 2393 | 2395 | 2397 | rBV2 | 2119   | 1444   | 0.26%   | 0.030%  |
| 89  | 16.960 | 2400 | 2403 | 2405 | rBV4 | 2703   | 3448   | 0.62%   | 0.072%  |
| 90  | 17.048 | 2414 | 2418 | 2421 | rBV5 | 2638   | 4154   | 0.75%   | 0.087%  |
| 91  | 17.148 | 2434 | 2435 | 2436 | rBV  | 1815   | 829    | 0.15%   | 0.017%  |
| 92  | 17.248 | 2448 | 2452 | 2457 | rBV7 | 6376   | 10097  | 1.82%   | 0.211%  |
| 93  | 17.295 | 2457 | 2460 | 2461 | rBV2 | 2429   | 2735   | 0.49%   | 0.057%  |
| 94  | 17.395 | 2472 | 2477 | 2480 | rBV6 | 3253   | 6944   | 1.25%   | 0.145%  |
| 95  | 17.524 | 2492 | 2499 | 2505 | rBV2 | 311565 | 553410 | 100.00% | 11.539% |
| 96  | 17.618 | 2509 | 2515 | 2524 | rVV2 | 187213 | 329704 | 59.58%  | 6.875%  |
| 97  | 17.718 | 2530 | 2532 | 2534 | rBV3 | 2434   | 1504   | 0.27%   | 0.031%  |
| 98  | 17.877 | 2555 | 2559 | 2564 | rBV6 | 4588   | 8789   | 1.59%   | 0.183%  |
| 99  | 19.898 | 2898 | 2903 | 2908 | rBV  | 228230 | 364675 | 65.90%  | 7.604%  |
| 100 | 21.802 | 3223 | 3227 | 3235 | rVB  | 263606 | 479444 | 86.63%  | 9.997%  |

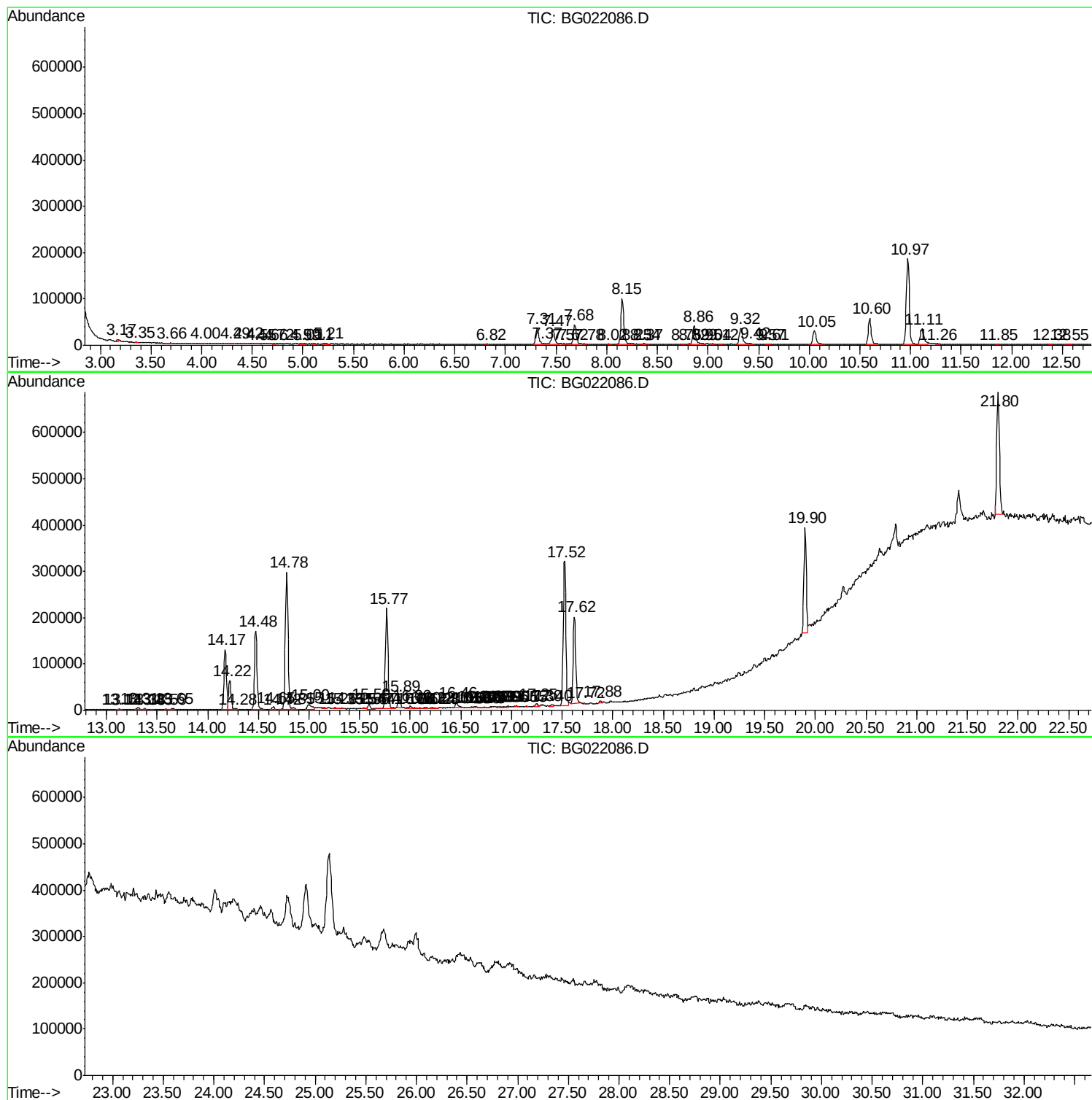
Sum of corrected areas: 4795902

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG052116.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        |