

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG080315\  
 Data File : BG018245.D  
 Acq On : 3 Aug 2015 16:48  
 Operator : UM/TP  
 Sample : G3109-02  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 C01P2

## 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-BG073115.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         | 2.729       | 5             | 7           | 10           | rBV2     | 2898           | 2853          | 0.27%           | 0.026%        |
| 2         | 2.935       | 40            | 42          | 46           | rVB4     | 5522           | 6610          | 0.62%           | 0.060%        |
| 3         | 3.047       | 60            | 61          | 65           | rBV2     | 2069           | 2482          | 0.23%           | 0.023%        |
| 4         | 3.329       | 107           | 109         | 111          | rBV3     | 2424           | 2502          | 0.24%           | 0.023%        |
| 5         | 3.452       | 127           | 130         | 133          | rBV2     | 3374           | 4103          | 0.39%           | 0.038%        |
| 6         | 3.493       | 136           | 137         | 140          | rVB2     | 2914           | 1941          | 0.18%           | 0.018%        |
| 7         | 3.734       | 174           | 178         | 181          | rBV3     | 2438           | 3176          | 0.30%           | 0.029%        |
| 8         | 4.557       | 317           | 318         | 321          | rBV3     | 2111           | 2314          | 0.22%           | 0.021%        |
| 9         | 4.586       | 321           | 323         | 325          | rBV3     | 2438           | 2582          | 0.24%           | 0.024%        |
| 10        | 4.927       | 378           | 381         | 385          | rBV2     | 1550           | 2046          | 0.19%           | 0.019%        |
| 11        | 5.438       | 465           | 468         | 471          | rVB3     | 1916           | 2121          | 0.20%           | 0.019%        |
| 12        | 6.037       | 568           | 570         | 575          | rBV2     | 1930           | 2660          | 0.25%           | 0.024%        |
| 13        | 6.237       | 601           | 604         | 606          | rBV      | 1783           | 2340          | 0.22%           | 0.021%        |
| 14        | 6.660       | 670           | 676         | 685          | rBV      | 176106         | 275263        | 25.91%          | 2.516%        |
| 15        | 6.766       | 688           | 694         | 695          | rBV3     | 2508           | 3819          | 0.36%           | 0.035%        |
| 16        | 6.801       | 695           | 700         | 706          | rBV      | 116792         | 171417        | 16.13%          | 1.567%        |
| 17        | 6.995       | 726           | 733         | 741          | rBV      | 177477         | 275048        | 25.88%          | 2.514%        |
| 18        | 7.406       | 800           | 803         | 806          | rBV      | 1495           | 2034          | 0.19%           | 0.019%        |
| 19        | 7.459       | 806           | 812         | 819          | rVV      | 120923         | 191351        | 18.01%          | 1.749%        |
| 20        | 7.847       | 876           | 878         | 882          | rBV      | 1748           | 2377          | 0.22%           | 0.022%        |
| 21        | 8.188       | 929           | 936         | 947          | rBV      | 234112         | 375716        | 35.36%          | 3.434%        |
| 22        | 8.611       | 1001          | 1008        | 1016         | rBV      | 156398         | 258777        | 24.35%          | 2.365%        |
| 23        | 8.752       | 1029          | 1032        | 1035         | rBV      | 1646           | 2365          | 0.22%           | 0.022%        |
| 24        | 8.775       | 1035          | 1036        | 1042         | rVB3     | 2288           | 3109          | 0.29%           | 0.028%        |
| 25        | 9.016       | 1072          | 1077        | 1079         | rBV3     | 1582           | 2299          | 0.22%           | 0.021%        |
| 26        | 9.040       | 1079          | 1081        | 1085         | rVB2     | 2475           | 2708          | 0.25%           | 0.025%        |
| 27        | 9.333       | 1125          | 1131        | 1139         | rVB      | 152907         | 252426        | 23.76%          | 2.307%        |
| 28        | 9.562       | 1169          | 1170        | 1176         | rVB      | 1693           | 2082          | 0.20%           | 0.019%        |
| 29        | 9.621       | 1176          | 1180        | 1183         | rVB      | 1805           | 2839          | 0.27%           | 0.026%        |
| 30        | 9.880       | 1216          | 1224        | 1231         | rBV      | 252327         | 399775        | 37.62%          | 3.654%        |
| 31        | 10.238      | 1278          | 1285        | 1292         | rBV      | 171756         | 279607        | 26.31%          | 2.556%        |
| 32        | 10.391      | 1304          | 1311        | 1325         | rBV      | 169397         | 294646        | 27.73%          | 2.693%        |
| 33        | 11.020      | 1415          | 1418        | 1421         | rVB      | 1703           | 2031          | 0.19%           | 0.019%        |
| 34        | 11.654      | 1522          | 1526        | 1528         | rBV      | 1826           | 2181          | 0.21%           | 0.020%        |

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Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG073115.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 35 | 11.783 | 1542 | 1548 | 1552 | rBV2 | 9906   | 16299  | 1.53%  | 0.149% |
| 36 | 11.924 | 1568 | 1572 | 1577 | rBV2 | 1515   | 2963   | 0.28%  | 0.027% |
| 37 | 12.477 | 1660 | 1666 | 1670 | rBV3 | 4204   | 6543   | 0.62%  | 0.060% |
| 38 | 12.729 | 1705 | 1709 | 1714 | rVB2 | 6689   | 7281   | 0.69%  | 0.067% |
| 39 | 13.023 | 1758 | 1759 | 1763 | rBV  | 1883   | 1973   | 0.19%  | 0.018% |
| 40 | 13.552 | 1842 | 1849 | 1853 | rVV  | 480270 | 656173 | 61.75% | 5.997% |
| 41 | 13.599 | 1853 | 1857 | 1865 | rVB  | 173696 | 230919 | 21.73% | 2.111% |
| 42 | 13.822 | 1887 | 1895 | 1902 | rBV  | 452318 | 645277 | 60.73% | 5.898% |
| 43 | 13.975 | 1917 | 1921 | 1927 | rBV2 | 3034   | 4669   | 0.44%  | 0.043% |
| 44 | 14.134 | 1941 | 1948 | 1955 | rBV2 | 271503 | 410929 | 38.67% | 3.756% |
| 45 | 14.192 | 1955 | 1958 | 1959 | rVV2 | 2780   | 3561   | 0.34%  | 0.033% |
| 46 | 14.210 | 1959 | 1961 | 1965 | rVB2 | 6342   | 6365   | 0.60%  | 0.058% |
| 47 | 14.386 | 1985 | 1991 | 2000 | rVV  | 201682 | 315665 | 29.71% | 2.885% |
| 48 | 14.468 | 2003 | 2005 | 2010 | rVV5 | 5998   | 9397   | 0.88%  | 0.086% |
| 49 | 14.510 | 2010 | 2012 | 2017 | rVV3 | 1999   | 3239   | 0.30%  | 0.030% |
| 50 | 14.674 | 2037 | 2040 | 2044 | rBV2 | 3555   | 4651   | 0.44%  | 0.043% |
| 51 | 14.809 | 2060 | 2063 | 2065 | rBV2 | 3003   | 2122   | 0.20%  | 0.019% |
| 52 | 14.956 | 2084 | 2088 | 2090 | rBV  | 2789   | 4029   | 0.38%  | 0.037% |
| 53 | 15.009 | 2094 | 2097 | 2105 | rVB2 | 8331   | 12604  | 1.19%  | 0.115% |
| 54 | 15.138 | 2113 | 2119 | 2124 | rBV  | 598992 | 832088 | 78.31% | 7.605% |
| 55 | 15.221 | 2128 | 2133 | 2136 | rVB  | 1656   | 2107   | 0.20%  | 0.019% |
| 56 | 15.279 | 2136 | 2143 | 2152 | rBV  | 217657 | 299040 | 28.14% | 2.733% |
| 57 | 15.373 | 2157 | 2159 | 2163 | rVB2 | 4475   | 4544   | 0.43%  | 0.042% |
| 58 | 15.414 | 2163 | 2166 | 2171 | rVB2 | 4100   | 4903   | 0.46%  | 0.045% |
| 59 | 15.450 | 2171 | 2172 | 2175 | rVB  | 2502   | 2276   | 0.21%  | 0.021% |
| 60 | 15.514 | 2181 | 2183 | 2186 | rVB  | 2964   | 2614   | 0.25%  | 0.024% |
| 61 | 15.714 | 2214 | 2217 | 2218 | rVB  | 2584   | 2128   | 0.20%  | 0.019% |
| 62 | 15.726 | 2218 | 2219 | 2222 | rBV  | 2150   | 2483   | 0.23%  | 0.023% |
| 63 | 15.873 | 2240 | 2244 | 2251 | rVV3 | 14889  | 21593  | 2.03%  | 0.197% |
| 64 | 16.049 | 2271 | 2274 | 2278 | rVB4 | 3216   | 3693   | 0.35%  | 0.034% |
| 65 | 16.166 | 2292 | 2294 | 2297 | rBV  | 2525   | 2721   | 0.26%  | 0.025% |
| 66 | 16.231 | 2301 | 2305 | 2306 | rVV2 | 1831   | 1955   | 0.18%  | 0.018% |
| 67 | 16.366 | 2326 | 2328 | 2330 | rVB3 | 2836   | 2050   | 0.19%  | 0.019% |
| 68 | 16.490 | 2347 | 2349 | 2350 | rVB  | 3472   | 2091   | 0.20%  | 0.019% |
| 69 | 16.507 | 2350 | 2352 | 2355 | rBV2 | 3380   | 4367   | 0.41%  | 0.040% |
| 70 | 16.554 | 2358 | 2360 | 2362 | rVB2 | 2554   | 2321   | 0.22%  | 0.021% |
| 71 | 16.584 | 2362 | 2365 | 2366 | rBV2 | 2616   | 2802   | 0.26%  | 0.026% |

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Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG073115.M  
Title : SVOA CALIBRATION

|     |        |      |      |      |      |        |         |         |        |
|-----|--------|------|------|------|------|--------|---------|---------|--------|
| 72  | 16.637 | 2372 | 2374 | 2376 | rBV3 | 3152   | 2460    | 0.23%   | 0.022% |
| 73  | 16.672 | 2376 | 2380 | 2383 | rVV3 | 11585  | 15392   | 1.45%   | 0.141% |
| 74  | 16.725 | 2387 | 2389 | 2395 | rVB5 | 4350   | 6282    | 0.59%   | 0.057% |
| 75  | 16.772 | 2395 | 2397 | 2400 | rBV3 | 2799   | 3237    | 0.30%   | 0.030% |
| 76  | 16.895 | 2412 | 2418 | 2426 | rVB2 | 382048 | 537866  | 50.62%  | 4.916% |
| 77  | 16.995 | 2428 | 2435 | 2445 | rVB  | 667733 | 942602  | 88.71%  | 8.615% |
| 78  | 17.412 | 2502 | 2506 | 2512 | rVB4 | 4985   | 6603    | 0.62%   | 0.060% |
| 79  | 17.459 | 2512 | 2514 | 2518 | rVB3 | 2726   | 3700    | 0.35%   | 0.034% |
| 80  | 17.500 | 2518 | 2521 | 2522 | rBV2 | 2413   | 2987    | 0.28%   | 0.027% |
| 81  | 17.600 | 2536 | 2538 | 2541 | rVB2 | 1804   | 2003    | 0.19%   | 0.018% |
| 82  | 17.812 | 2570 | 2574 | 2582 | rBV2 | 27409  | 42326   | 3.98%   | 0.387% |
| 83  | 18.235 | 2645 | 2646 | 2651 | rVB5 | 6599   | 7870    | 0.74%   | 0.072% |
| 84  | 18.405 | 2674 | 2675 | 2677 | rBV2 | 3069   | 2403    | 0.23%   | 0.022% |
| 85  | 18.505 | 2688 | 2692 | 2693 | rBV2 | 4946   | 5060    | 0.48%   | 0.046% |
| 86  | 18.652 | 2715 | 2717 | 2719 | rBV4 | 3694   | 3316    | 0.31%   | 0.030% |
| 87  | 18.734 | 2729 | 2731 | 2732 | rVB2 | 3900   | 2253    | 0.21%   | 0.021% |
| 88  | 18.787 | 2738 | 2740 | 2744 | rBV5 | 3980   | 6747    | 0.63%   | 0.062% |
| 89  | 18.887 | 2755 | 2757 | 2759 | rBV2 | 6767   | 4496    | 0.42%   | 0.041% |
| 90  | 19.034 | 2777 | 2782 | 2785 | rBV6 | 8232   | 10876   | 1.02%   | 0.099% |
| 91  | 19.057 | 2785 | 2786 | 2789 | rBV3 | 3835   | 3510    | 0.33%   | 0.032% |
| 92  | 19.104 | 2792 | 2794 | 2796 | rBV3 | 5259   | 4412    | 0.42%   | 0.040% |
| 93  | 19.186 | 2803 | 2808 | 2810 | rBV5 | 8382   | 12324   | 1.16%   | 0.113% |
| 94  | 19.304 | 2822 | 2828 | 2836 | rVB  | 812674 | 1062578 | 100.00% | 9.712% |
| 95  | 19.498 | 2859 | 2861 | 2864 | rBV4 | 5202   | 4189    | 0.39%   | 0.038% |
| 96  | 19.756 | 2902 | 2905 | 2908 | rVB2 | 18011  | 20015   | 1.88%   | 0.183% |
| 97  | 20.297 | 2993 | 2997 | 3000 | rBV  | 30313  | 36887   | 3.47%   | 0.337% |
| 98  | 21.102 | 3129 | 3134 | 3138 | rBV  | 482036 | 575904  | 54.20%  | 5.264% |
| 99  | 23.135 | 3474 | 3480 | 3489 | rVB  | 442668 | 793248  | 74.65%  | 7.250% |
| 100 | 23.270 | 3498 | 3503 | 3510 | rVB  | 252257 | 439314  | 41.34%  | 4.015% |

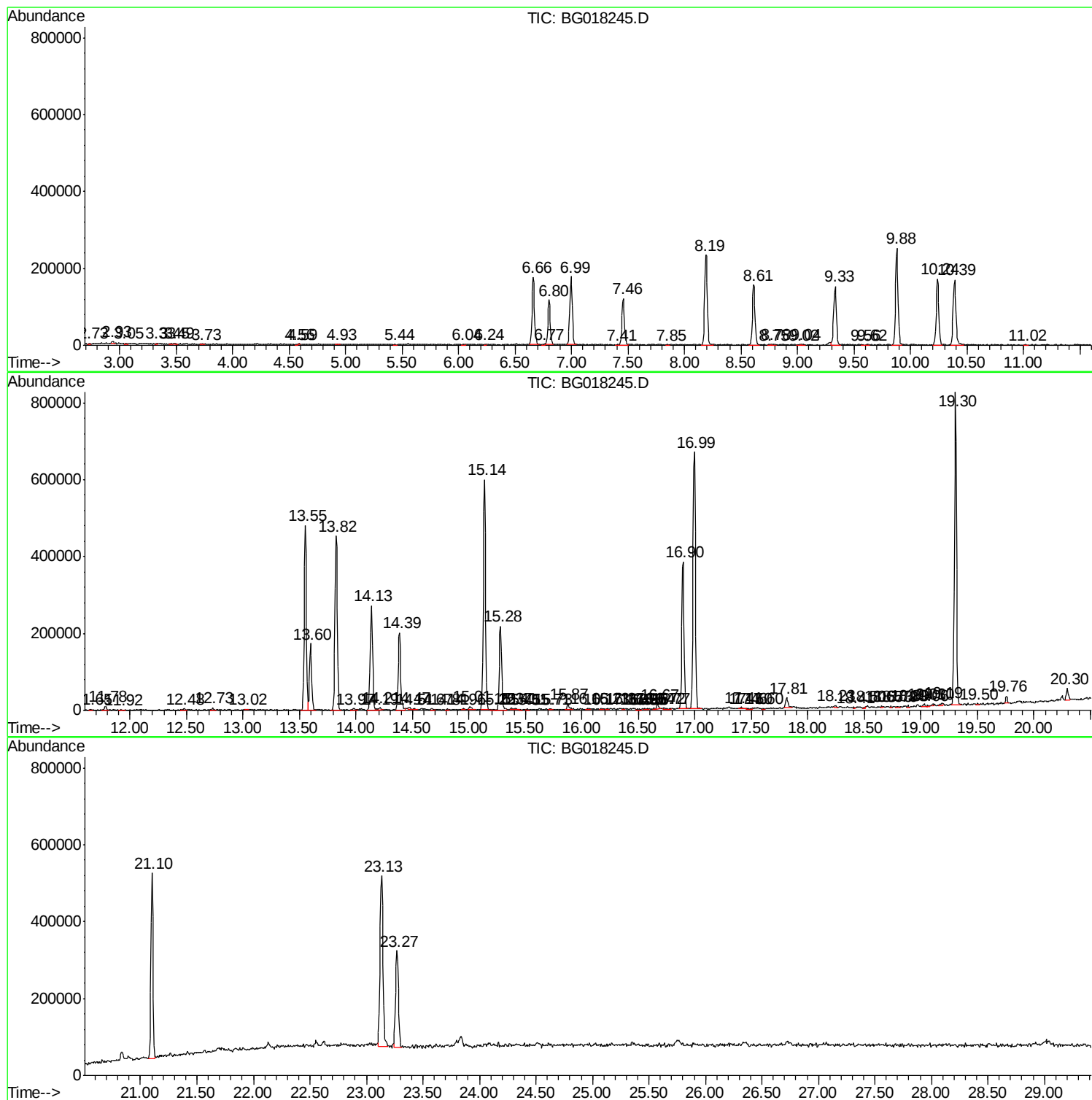
Sum of corrected areas: 10940895

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Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG073115.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P



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TIC Library : C:\DATABASE\NIST02.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        |