

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG080816\  
 Data File : BG023535.D  
 Acq On : 8 Aug 2016 15:33  
 Operator : UM/SJ  
 Sample : H4390-05  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SVOC-GPC-BLANK

## 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-BG080416.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         | 4.391       | 262           | 264         | 265          | rVB2     | 7512           | 4531          | 0.18%           | 0.040%        |
| 2         | 4.408       | 265           | 267         | 269          | rBV2     | 5467           | 5313          | 0.21%           | 0.047%        |
| 3         | 5.178       | 396           | 398         | 400          | rBV2     | 6303           | 5887          | 0.24%           | 0.053%        |
| 4         | 5.460       | 444           | 446         | 448          | rBV2     | 5345           | 4280          | 0.17%           | 0.038%        |
| 5         | 5.683       | 482           | 484         | 486          | rVB3     | 5203           | 4862          | 0.20%           | 0.043%        |
| 6         | 5.707       | 486           | 488         | 489          | rBV2     | 7616           | 6294          | 0.25%           | 0.056%        |
| 7         | 5.789       | 500           | 502         | 506          | rVB4     | 5404           | 5865          | 0.24%           | 0.052%        |
| 8         | 6.335       | 592           | 595         | 597          | rBV2     | 5505           | 7810          | 0.32%           | 0.070%        |
| 9         | 7.017       | 708           | 711         | 715          | rVB4     | 5359           | 7226          | 0.29%           | 0.065%        |
| 10        | 7.175       | 737           | 738         | 740          | rVB2     | 7951           | 4252          | 0.17%           | 0.038%        |
| 11        | 7.346       | 765           | 767         | 768          | rBV2     | 8712           | 6599          | 0.27%           | 0.059%        |
| 12        | 7.598       | 808           | 810         | 813          | rVV4     | 4237           | 4630          | 0.19%           | 0.041%        |
| 13        | 7.651       | 815           | 819         | 822          | rBV4     | 3317           | 4590          | 0.19%           | 0.041%        |
| 14        | 7.956       | 869           | 871         | 873          | rVV3     | 4434           | 4191          | 0.17%           | 0.037%        |
| 15        | 8.115       | 891           | 898         | 912          | rBV      | 369103         | 667288        | 26.91%          | 5.958%        |
| 16        | 8.221       | 914           | 916         | 920          | rVB5     | 5141           | 6182          | 0.25%           | 0.055%        |
| 17        | 8.656       | 989           | 990         | 993          | rVB2     | 5719           | 4248          | 0.17%           | 0.038%        |
| 18        | 8.814       | 1014          | 1017        | 1019         | rVB4     | 4613           | 4427          | 0.18%           | 0.040%        |
| 19        | 9.026       | 1050          | 1053        | 1056         | rVB4     | 3698           | 4774          | 0.19%           | 0.043%        |
| 20        | 9.308       | 1099          | 1101        | 1104         | rVB4     | 3479           | 4074          | 0.16%           | 0.036%        |
| 21        | 9.366       | 1109          | 1111        | 1113         | rBV3     | 7580           | 5849          | 0.24%           | 0.052%        |
| 22        | 9.466       | 1124          | 1128        | 1132         | rBV5     | 5014           | 8422          | 0.34%           | 0.075%        |
| 23        | 9.513       | 1134          | 1136        | 1140         | rVV2     | 5060           | 4852          | 0.20%           | 0.043%        |
| 24        | 9.930       | 1204          | 1207        | 1209         | rBV2     | 3562           | 3974          | 0.16%           | 0.035%        |
| 25        | 10.030      | 1221          | 1224        | 1226         | rBV3     | 5926           | 4929          | 0.20%           | 0.044%        |
| 26        | 10.330      | 1273          | 1275        | 1278         | rBV2     | 4668           | 5791          | 0.23%           | 0.052%        |
| 27        | 10.365      | 1280          | 1281        | 1284         | rBV3     | 4328           | 4965          | 0.20%           | 0.044%        |
| 28        | 10.424      | 1290          | 1291        | 1295         | rBV4     | 3584           | 4649          | 0.19%           | 0.042%        |
| 29        | 10.553      | 1310          | 1313        | 1315         | rVB4     | 5883           | 4803          | 0.19%           | 0.043%        |
| 30        | 10.659      | 1328          | 1331        | 1334         | rBV4     | 3503           | 4902          | 0.20%           | 0.044%        |
| 31        | 10.947      | 1373          | 1380        | 1389         | rBV      | 571185         | 1062796       | 42.87%          | 9.490%        |
| 32        | 11.246      | 1428          | 1431        | 1434         | rVV3     | 5172           | 7949          | 0.32%           | 0.071%        |
| 33        | 11.422      | 1459          | 1461        | 1462         | rBV2     | 6160           | 4795          | 0.19%           | 0.043%        |
| 34        | 11.493      | 1470          | 1473        | 1476         | rBV4     | 5596           | 7483          | 0.30%           | 0.067%        |

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 Peak separation: 5

Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG080416.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |        |         |
|----|--------|------|------|------|------|---------|---------|--------|---------|
| 35 | 11.575 | 1484 | 1487 | 1489 | rBV4 | 4179    | 4028    | 0.16%  | 0.036%  |
| 36 | 11.663 | 1499 | 1502 | 1506 | rVB5 | 5139    | 7625    | 0.31%  | 0.068%  |
| 37 | 11.698 | 1506 | 1508 | 1510 | rBV3 | 5291    | 5231    | 0.21%  | 0.047%  |
| 38 | 11.763 | 1517 | 1519 | 1523 | rVB4 | 3248    | 4222    | 0.17%  | 0.038%  |
| 39 | 11.904 | 1540 | 1543 | 1545 | rVB2 | 4843    | 4775    | 0.19%  | 0.043%  |
| 40 | 12.110 | 1577 | 1578 | 1582 | rBV3 | 3414    | 4779    | 0.19%  | 0.043%  |
| 41 | 12.221 | 1594 | 1597 | 1601 | rVB4 | 5520    | 6747    | 0.27%  | 0.060%  |
| 42 | 12.697 | 1676 | 1678 | 1680 | rVB2 | 6553    | 5564    | 0.22%  | 0.050%  |
| 43 | 12.815 | 1695 | 1698 | 1701 | rBV3 | 3119    | 4511    | 0.18%  | 0.040%  |
| 44 | 12.897 | 1711 | 1712 | 1717 | rVB3 | 3878    | 5477    | 0.22%  | 0.049%  |
| 45 | 12.944 | 1717 | 1720 | 1721 | rBV3 | 4656    | 4096    | 0.17%  | 0.037%  |
| 46 | 12.967 | 1721 | 1724 | 1727 | rVB2 | 5270    | 5991    | 0.24%  | 0.053%  |
| 47 | 13.044 | 1734 | 1737 | 1738 | rBV3 | 4291    | 4164    | 0.17%  | 0.037%  |
| 48 | 13.126 | 1749 | 1751 | 1754 | rVB4 | 3826    | 4629    | 0.19%  | 0.041%  |
| 49 | 13.238 | 1768 | 1770 | 1772 | rBV2 | 4807    | 4614    | 0.19%  | 0.041%  |
| 50 | 13.355 | 1788 | 1790 | 1792 | rVB3 | 4480    | 4147    | 0.17%  | 0.037%  |
| 51 | 13.384 | 1792 | 1795 | 1796 | rBV2 | 3695    | 3942    | 0.16%  | 0.035%  |
| 52 | 13.625 | 1833 | 1836 | 1837 | rVB2 | 5659    | 4919    | 0.20%  | 0.044%  |
| 53 | 13.655 | 1837 | 1841 | 1843 | rBV4 | 5485    | 7310    | 0.29%  | 0.065%  |
| 54 | 13.725 | 1851 | 1853 | 1856 | rVB4 | 5075    | 4433    | 0.18%  | 0.040%  |
| 55 | 13.760 | 1856 | 1859 | 1860 | rBV3 | 4776    | 5454    | 0.22%  | 0.049%  |
| 56 | 14.659 | 2009 | 2012 | 2016 | rBV4 | 4553    | 8822    | 0.36%  | 0.079%  |
| 57 | 14.783 | 2026 | 2033 | 2043 | rVV2 | 1044929 | 1746431 | 70.44% | 15.594% |
| 58 | 14.941 | 2056 | 2060 | 2062 | rBV3 | 4608    | 6517    | 0.26%  | 0.058%  |
| 59 | 15.088 | 2081 | 2085 | 2089 | rBV3 | 6172    | 7368    | 0.30%  | 0.066%  |
| 60 | 15.505 | 2154 | 2156 | 2158 | rBV3 | 5147    | 3936    | 0.16%  | 0.035%  |
| 61 | 15.646 | 2177 | 2180 | 2183 | rBV5 | 4858    | 5135    | 0.21%  | 0.046%  |
| 62 | 15.781 | 2199 | 2203 | 2205 | rBV4 | 7785    | 9152    | 0.37%  | 0.082%  |
| 63 | 15.846 | 2210 | 2214 | 2216 | rBV4 | 5324    | 7803    | 0.31%  | 0.070%  |
| 64 | 16.075 | 2249 | 2253 | 2256 | rVB4 | 5188    | 6852    | 0.28%  | 0.061%  |
| 65 | 16.104 | 2256 | 2258 | 2259 | rBV2 | 5999    | 4835    | 0.20%  | 0.043%  |
| 66 | 16.345 | 2295 | 2299 | 2301 | rVB3 | 4950    | 7659    | 0.31%  | 0.068%  |
| 67 | 16.369 | 2301 | 2303 | 2304 | rBV2 | 4554    | 4455    | 0.18%  | 0.040%  |
| 68 | 16.439 | 2312 | 2315 | 2316 | rBV2 | 3504    | 4028    | 0.16%  | 0.036%  |
| 69 | 16.557 | 2331 | 2335 | 2338 | rBV5 | 3834    | 4714    | 0.19%  | 0.042%  |
| 70 | 16.739 | 2363 | 2366 | 2370 | rVB6 | 5929    | 9700    | 0.39%  | 0.087%  |
| 71 | 16.880 | 2386 | 2390 | 2392 | rBV3 | 4659    | 5911    | 0.24%  | 0.053%  |

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 Title : SVOA CALIBRATION

|     |        |      |      |      |      |         |         |         |         |
|-----|--------|------|------|------|------|---------|---------|---------|---------|
| 72  | 17.097 | 2424 | 2427 | 2429 | rBV3 | 5986    | 6581    | 0.27%   | 0.059%  |
| 73  | 17.332 | 2463 | 2467 | 2472 | rBV6 | 9816    | 16133   | 0.65%   | 0.144%  |
| 74  | 17.450 | 2484 | 2487 | 2489 | rBV3 | 4208    | 4827    | 0.19%   | 0.043%  |
| 75  | 17.544 | 2496 | 2503 | 2516 | rBV  | 1435596 | 2395940 | 96.64%  | 21.394% |
| 76  | 17.755 | 2538 | 2539 | 2542 | rBV3 | 6833    | 6291    | 0.25%   | 0.056%  |
| 77  | 17.778 | 2542 | 2543 | 2547 | rVV4 | 5233    | 4644    | 0.19%   | 0.041%  |
| 78  | 17.837 | 2552 | 2553 | 2555 | rBV2 | 4673    | 3891    | 0.16%   | 0.035%  |
| 79  | 17.996 | 2575 | 2580 | 2582 | rVV5 | 4048    | 6519    | 0.26%   | 0.058%  |
| 80  | 18.055 | 2588 | 2590 | 2592 | rBV3 | 5694    | 6286    | 0.25%   | 0.056%  |
| 81  | 18.102 | 2596 | 2598 | 2602 | rBV4 | 7683    | 10138   | 0.41%   | 0.091%  |
| 82  | 18.243 | 2620 | 2622 | 2627 | rBV4 | 6682    | 8047    | 0.32%   | 0.072%  |
| 83  | 18.301 | 2630 | 2632 | 2635 | rVV4 | 3542    | 4199    | 0.17%   | 0.037%  |
| 84  | 18.472 | 2659 | 2661 | 2663 | rVB3 | 6701    | 5630    | 0.23%   | 0.050%  |
| 85  | 18.495 | 2663 | 2665 | 2668 | rBV  | 5606    | 6842    | 0.28%   | 0.061%  |
| 86  | 18.636 | 2686 | 2689 | 2691 | rBV4 | 6295    | 5952    | 0.24%   | 0.053%  |
| 87  | 18.695 | 2697 | 2699 | 2704 | rVB6 | 5865    | 6539    | 0.26%   | 0.058%  |
| 88  | 18.883 | 2728 | 2731 | 2734 | rVB4 | 3605    | 4991    | 0.20%   | 0.045%  |
| 89  | 19.077 | 2761 | 2764 | 2766 | rVB4 | 4856    | 3969    | 0.16%   | 0.035%  |
| 90  | 19.106 | 2766 | 2769 | 2771 | rBV4 | 4771    | 5206    | 0.21%   | 0.046%  |
| 91  | 19.200 | 2782 | 2785 | 2789 | rBV6 | 4885    | 6165    | 0.25%   | 0.055%  |
| 92  | 19.235 | 2789 | 2791 | 2792 | rBV2 | 9557    | 7650    | 0.31%   | 0.068%  |
| 93  | 19.318 | 2802 | 2805 | 2806 | rVB3 | 4365    | 3907    | 0.16%   | 0.035%  |
| 94  | 19.688 | 2866 | 2868 | 2870 | rBV3 | 7493    | 6408    | 0.26%   | 0.057%  |
| 95  | 19.711 | 2870 | 2872 | 2873 | rVB2 | 7256    | 4283    | 0.17%   | 0.038%  |
| 96  | 19.882 | 2899 | 2901 | 2902 | rBV  | 6646    | 5527    | 0.22%   | 0.049%  |
| 97  | 19.940 | 2909 | 2911 | 2912 | rBV2 | 8333    | 6268    | 0.25%   | 0.056%  |
| 98  | 20.105 | 2936 | 2939 | 2942 | rBV5 | 11288   | 12828   | 0.52%   | 0.115%  |
| 99  | 21.855 | 3230 | 3237 | 3249 | rVB2 | 1409511 | 2479365 | 100.00% | 22.139% |
| 100 | 25.233 | 3802 | 3812 | 3828 | rVB2 | 762690  | 2300627 | 92.79%  | 20.543% |

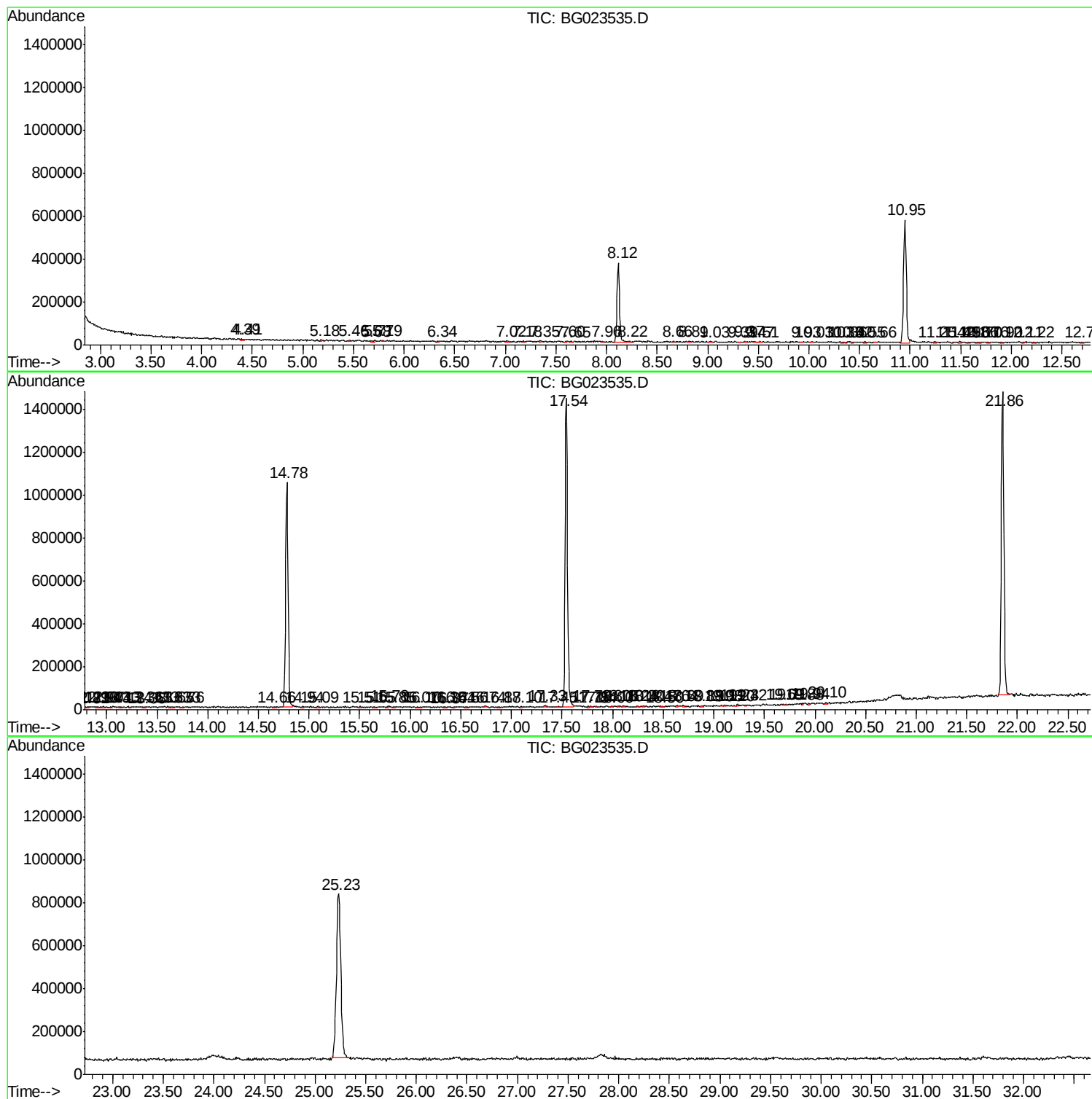
Sum of corrected areas: 11199111

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Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG080416.M  
Quant Title : SVOA CALIBRATION

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



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TIC Library : C:\DATABASE\NIST11.L  
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No Library Search Compounds Detected

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TIC Integration Parameters: LSCINT.P

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