

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\  
 Data File : BG025305.D  
 Acq On : 18 Dec 2016 11:15  
 Operator : UM/SJ  
 Sample : H5905-11DL 25X  
 Misc :  
 ALS Vial : 36 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 DA811DL

## Integration Parameters: LSCINT.P

Integrator: RTE  
 Smoothing : ON  
 Sampling : 1  
 Start Thrs: 0.1  
 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: 1

Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG113016.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         | 3.599       | 124           | 129         | 138          | rVB4     | 22312          | 35876         | 2.59%           | 0.437%        |
| 2         | 3.922       | 179           | 184         | 186          | rBV5     | 3800           | 5447          | 0.39%           | 0.066%        |
| 3         | 4.127       | 216           | 219         | 228          | rVB8     | 6967           | 13718         | 0.99%           | 0.167%        |
| 4         | 4.221       | 230           | 235         | 238          | rBV4     | 3246           | 5976          | 0.43%           | 0.073%        |
| 5         | 4.262       | 238           | 242         | 245          | rVB4     | 6124           | 6067          | 0.44%           | 0.074%        |
| 6         | 4.503       | 278           | 283         | 285          | rBV3     | 3047           | 5207          | 0.38%           | 0.063%        |
| 7         | 4.544       | 288           | 290         | 294          | rVB4     | 5986           | 5047          | 0.36%           | 0.061%        |
| 8         | 5.003       | 365           | 368         | 373          | rBV4     | 3716           | 5621          | 0.41%           | 0.068%        |
| 9         | 5.085       | 378           | 382         | 384          | rBV5     | 5837           | 6489          | 0.47%           | 0.079%        |
| 10        | 5.179       | 395           | 398         | 401          | rVV3     | 4585           | 5707          | 0.41%           | 0.069%        |
| 11        | 6.219       | 574           | 575         | 581          | rVB3     | 4928           | 7030          | 0.51%           | 0.086%        |
| 12        | 6.448       | 609           | 614         | 615          | rBV4     | 3663           | 5460          | 0.39%           | 0.066%        |
| 13        | 6.519       | 623           | 626         | 630          | rBV3     | 4138           | 6203          | 0.45%           | 0.075%        |
| 14        | 6.883       | 684           | 688         | 692          | rBV3     | 4416           | 8352          | 0.60%           | 0.102%        |
| 15        | 7.406       | 773           | 777         | 786          | rVV5     | 10515          | 25877         | 1.87%           | 0.315%        |
| 16        | 7.547       | 795           | 801         | 809          | rBV5     | 9362           | 23593         | 1.70%           | 0.287%        |
| 17        | 7.770       | 829           | 839         | 845          | rVB6     | 10313          | 23460         | 1.69%           | 0.285%        |
| 18        | 7.923       | 857           | 865         | 868          | rBV3     | 4213           | 10957         | 0.79%           | 0.133%        |
| 19        | 8.129       | 893           | 900         | 903          | rVB4     | 5368           | 10389         | 0.75%           | 0.126%        |
| 20        | 8.175       | 903           | 908         | 910          | rBV2     | 3743           | 5677          | 0.41%           | 0.069%        |
| 21        | 8.234       | 910           | 918         | 935          | rVB      | 219595         | 443583        | 32.00%          | 5.397%        |
| 22        | 8.352       | 935           | 938         | 940          | rBV3     | 4470           | 4983          | 0.36%           | 0.061%        |
| 23        | 8.434       | 947           | 952         | 955          | rBV5     | 2947           | 5135          | 0.37%           | 0.062%        |
| 24        | 8.804       | 1011          | 1015        | 1020         | rVB5     | 3702           | 7112          | 0.51%           | 0.087%        |
| 25        | 8.851       | 1020          | 1023        | 1028         | rBV5     | 5224           | 8637          | 0.62%           | 0.105%        |
| 26        | 8.980       | 1038          | 1045        | 1048         | rBV6     | 9115           | 23641         | 1.71%           | 0.288%        |
| 27        | 9.157       | 1074          | 1075        | 1082         | rVB3     | 3113           | 6325          | 0.46%           | 0.077%        |
| 28        | 9.351       | 1102          | 1108        | 1111         | rVB4     | 2695           | 5039          | 0.36%           | 0.061%        |
| 29        | 9.386       | 1111          | 1114        | 1116         | rVB3     | 4581           | 5600          | 0.40%           | 0.068%        |
| 30        | 9.427       | 1116          | 1121        | 1128         | rBV5     | 11055          | 26077         | 1.88%           | 0.317%        |
| 31        | 9.650       | 1155          | 1159        | 1166         | rBV5     | 4107           | 10014         | 0.72%           | 0.122%        |
| 32        | 10.150      | 1236          | 1244        | 1255         | rVB7     | 7395           | 21715         | 1.57%           | 0.264%        |
| 33        | 10.255      | 1260          | 1262        | 1269         | rVB3     | 4140           | 9469          | 0.68%           | 0.115%        |
| 34        | 10.326      | 1269          | 1274        | 1276         | rBV2     | 3983           | 7024          | 0.51%           | 0.085%        |

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 Title : SVOA CALIBRATION

|    |        |      |      |      |      |        |        |        |         |
|----|--------|------|------|------|------|--------|--------|--------|---------|
| 35 | 10.414 | 1283 | 1289 | 1294 | rVB4 | 2206   | 5057   | 0.36%  | 0.062%  |
| 36 | 10.714 | 1335 | 1340 | 1352 | rBV7 | 8493   | 21679  | 1.56%  | 0.264%  |
| 37 | 11.060 | 1391 | 1399 | 1414 | rVB  | 307112 | 607721 | 43.84% | 7.394%  |
| 38 | 11.501 | 1467 | 1474 | 1475 | rBV4 | 3055   | 5336   | 0.38%  | 0.065%  |
| 39 | 11.530 | 1475 | 1479 | 1483 | rBV2 | 3466   | 5127   | 0.37%  | 0.062%  |
| 40 | 11.642 | 1493 | 1498 | 1501 | rBV3 | 4050   | 7987   | 0.58%  | 0.097%  |
| 41 | 11.683 | 1504 | 1505 | 1511 | rVB2 | 4063   | 6676   | 0.48%  | 0.081%  |
| 42 | 11.736 | 1511 | 1514 | 1516 | rBV2 | 4542   | 6849   | 0.49%  | 0.083%  |
| 43 | 11.877 | 1532 | 1538 | 1541 | rVB4 | 5459   | 7426   | 0.54%  | 0.090%  |
| 44 | 12.059 | 1566 | 1569 | 1572 | rBV2 | 4851   | 6337   | 0.46%  | 0.077%  |
| 45 | 12.089 | 1572 | 1574 | 1579 | rVV  | 3806   | 7222   | 0.52%  | 0.088%  |
| 46 | 12.230 | 1595 | 1598 | 1602 | rVB2 | 6398   | 7640   | 0.55%  | 0.093%  |
| 47 | 12.271 | 1602 | 1605 | 1609 | rBV  | 4070   | 5187   | 0.37%  | 0.063%  |
| 48 | 12.365 | 1619 | 1621 | 1627 | rBV3 | 3695   | 6442   | 0.46%  | 0.078%  |
| 49 | 12.529 | 1647 | 1649 | 1655 | rBV2 | 2825   | 4989   | 0.36%  | 0.061%  |
| 50 | 12.741 | 1680 | 1685 | 1690 | rBV3 | 3721   | 6503   | 0.47%  | 0.079%  |
| 51 | 13.035 | 1732 | 1735 | 1738 | rBV3 | 5134   | 4989   | 0.36%  | 0.061%  |
| 52 | 13.099 | 1745 | 1746 | 1750 | rBV2 | 4845   | 5833   | 0.42%  | 0.071%  |
| 53 | 13.422 | 1797 | 1801 | 1805 | rVV4 | 4596   | 5878   | 0.42%  | 0.072%  |
| 54 | 13.493 | 1810 | 1813 | 1815 | rVB3 | 5297   | 5187   | 0.37%  | 0.063%  |
| 55 | 13.604 | 1827 | 1832 | 1834 | rVB3 | 3903   | 6215   | 0.45%  | 0.076%  |
| 56 | 13.722 | 1846 | 1852 | 1853 | rBV4 | 3966   | 5160   | 0.37%  | 0.063%  |
| 57 | 14.257 | 1937 | 1943 | 1948 | rBV  | 22218  | 43406  | 3.13%  | 0.528%  |
| 58 | 14.468 | 1977 | 1979 | 1984 | rVB5 | 4265   | 6338   | 0.46%  | 0.077%  |
| 59 | 14.556 | 1984 | 1994 | 2001 | rBV2 | 27691  | 58372  | 4.21%  | 0.710%  |
| 60 | 14.609 | 2001 | 2003 | 2007 | rVB3 | 3762   | 5743   | 0.41%  | 0.070%  |
| 61 | 14.691 | 2014 | 2017 | 2021 | rVB2 | 3947   | 6192   | 0.45%  | 0.075%  |
| 62 | 14.856 | 2036 | 2045 | 2061 | rBV  | 522062 | 891888 | 64.34% | 10.852% |
| 63 | 15.156 | 2094 | 2096 | 2099 | rBV3 | 4523   | 5261   | 0.38%  | 0.064%  |
| 64 | 15.232 | 2106 | 2109 | 2115 | rVB5 | 3667   | 5805   | 0.42%  | 0.071%  |
| 65 | 15.273 | 2115 | 2116 | 2121 | rVB2 | 3751   | 5432   | 0.39%  | 0.066%  |
| 66 | 15.649 | 2177 | 2180 | 2190 | rVB6 | 8458   | 19204  | 1.39%  | 0.234%  |
| 67 | 15.731 | 2190 | 2194 | 2197 | rBV4 | 5583   | 8992   | 0.65%  | 0.109%  |
| 68 | 15.843 | 2207 | 2213 | 2220 | rBV2 | 46334  | 73029  | 5.27%  | 0.889%  |
| 69 | 15.996 | 2235 | 2239 | 2244 | rVV5 | 3296   | 4817   | 0.35%  | 0.059%  |
| 70 | 16.196 | 2269 | 2273 | 2276 | rVB5 | 5818   | 5882   | 0.42%  | 0.072%  |
| 71 | 16.301 | 2288 | 2291 | 2293 | rBV2 | 6134   | 4968   | 0.36%  | 0.060%  |

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Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG113016.M  
 Title : SVOA CALIBRATION

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|-----|--------|------|------|------|------|--------|---------|---------|---------|
| 72  | 16.372 | 2296 | 2303 | 2304 | rVB5 | 4754   | 7865    | 0.57%   | 0.096%  |
| 73  | 16.501 | 2322 | 2325 | 2328 | rBV3 | 4230   | 5048    | 0.36%   | 0.061%  |
| 74  | 16.642 | 2345 | 2349 | 2350 | rBV3 | 5216   | 5635    | 0.41%   | 0.069%  |
| 75  | 16.777 | 2369 | 2372 | 2374 | rBV  | 4271   | 5878    | 0.42%   | 0.072%  |
| 76  | 17.083 | 2420 | 2424 | 2426 | rBV4 | 6871   | 10179   | 0.73%   | 0.124%  |
| 77  | 17.100 | 2426 | 2427 | 2431 | rBV  | 7373   | 7459    | 0.54%   | 0.091%  |
| 78  | 17.171 | 2437 | 2439 | 2444 | rVB4 | 4578   | 6101    | 0.44%   | 0.074%  |
| 79  | 17.241 | 2447 | 2451 | 2456 | rBV6 | 5236   | 10801   | 0.78%   | 0.131%  |
| 80  | 17.288 | 2456 | 2459 | 2463 | rVB4 | 5688   | 6529    | 0.47%   | 0.079%  |
| 81  | 17.329 | 2463 | 2466 | 2468 | rBV4 | 4947   | 6493    | 0.47%   | 0.079%  |
| 82  | 17.388 | 2474 | 2476 | 2479 | rBV4 | 8406   | 7816    | 0.56%   | 0.095%  |
| 83  | 17.488 | 2491 | 2493 | 2498 | rBV4 | 4401   | 7771    | 0.56%   | 0.095%  |
| 84  | 17.529 | 2498 | 2500 | 2503 | rBV3 | 5640   | 4865    | 0.35%   | 0.059%  |
| 85  | 17.600 | 2504 | 2512 | 2524 | rVV2 | 724518 | 1135752 | 81.94%  | 13.819% |
| 86  | 17.700 | 2524 | 2529 | 2538 | rVB2 | 47637  | 83819   | 6.05%   | 1.020%  |
| 87  | 17.929 | 2567 | 2568 | 2570 | rBV2 | 5332   | 4866    | 0.35%   | 0.059%  |
| 88  | 17.982 | 2575 | 2577 | 2580 | rVB3 | 4521   | 5757    | 0.42%   | 0.070%  |
| 89  | 18.058 | 2587 | 2590 | 2594 | rBV5 | 7381   | 8245    | 0.59%   | 0.100%  |
| 90  | 18.105 | 2595 | 2598 | 2603 | rVB7 | 7904   | 8310    | 0.60%   | 0.101%  |
| 91  | 18.152 | 2603 | 2606 | 2608 | rVB4 | 7408   | 5549    | 0.40%   | 0.068%  |
| 92  | 18.181 | 2608 | 2611 | 2613 | rBV4 | 7428   | 7227    | 0.52%   | 0.088%  |
| 93  | 18.234 | 2616 | 2620 | 2625 | rBV5 | 11608  | 11854   | 0.86%   | 0.144%  |
| 94  | 18.381 | 2644 | 2645 | 2649 | rBV4 | 6773   | 6498    | 0.47%   | 0.079%  |
| 95  | 18.434 | 2652 | 2654 | 2660 | rBV5 | 5978   | 10105   | 0.73%   | 0.123%  |
| 96  | 18.563 | 2675 | 2676 | 2680 | rBV4 | 6926   | 6988    | 0.50%   | 0.085%  |
| 97  | 19.979 | 2911 | 2917 | 2927 | rVB2 | 63632  | 130776  | 9.43%   | 1.591%  |
| 98  | 21.713 | 3207 | 3212 | 3220 | rVB  | 890579 | 1248856 | 90.10%  | 15.195% |
| 99  | 21.895 | 3236 | 3243 | 3250 | rBV  | 758424 | 1386105 | 100.00% | 16.865% |
| 100 | 25.314 | 3816 | 3825 | 3840 | rVB2 | 431305 | 1362273 | 98.28%  | 16.575% |

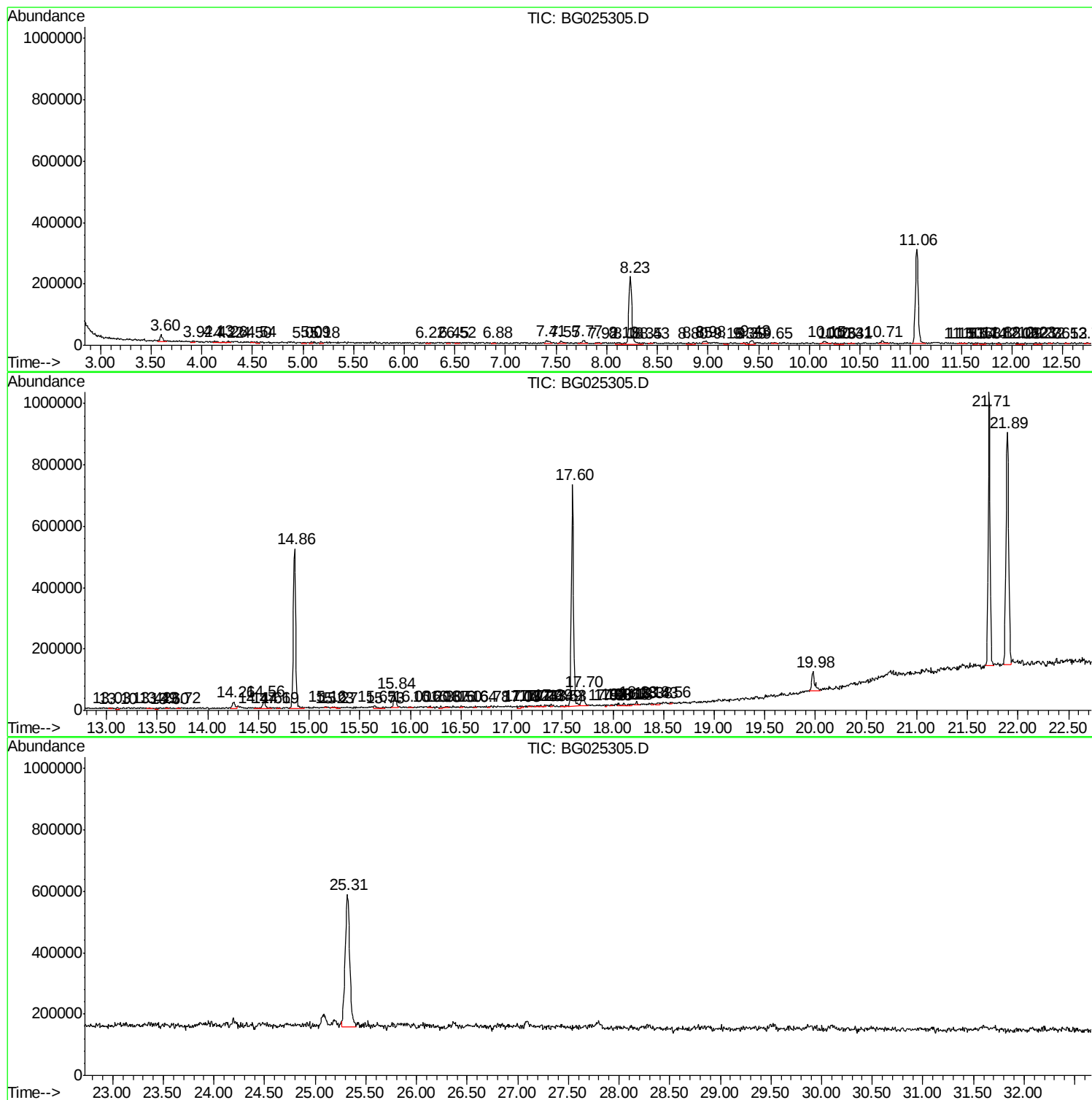
Sum of corrected areas: 8218696

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.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        |