

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081816\  
 Data File : BG023766.D  
 Acq On : 18 Aug 2016 20:25  
 Operator : UM/SJ  
 Sample : H4460-08  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BD2T0

## 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-BG081816.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         | 3.924       | 181           | 185         | 188          | rBV4     | 3874           | 5378          | 0.15%           | 0.016%        |
| 2         | 4.224       | 233           | 236         | 240          | rVB6     | 6746           | 9447          | 0.26%           | 0.028%        |
| 3         | 4.347       | 256           | 257         | 261          | rVV3     | 5067           | 4616          | 0.13%           | 0.014%        |
| 4         | 4.471       | 276           | 278         | 282          | rVB5     | 4087           | 4197          | 0.11%           | 0.013%        |
| 5         | 4.594       | 297           | 299         | 306          | rVB6     | 6122           | 7085          | 0.19%           | 0.021%        |
| 6         | 4.758       | 324           | 327         | 331          | rVB5     | 2797           | 4502          | 0.12%           | 0.013%        |
| 7         | 5.164       | 392           | 396         | 398          | rBV4     | 5819           | 8450          | 0.23%           | 0.025%        |
| 8         | 5.434       | 439           | 442         | 446          | rVB4     | 3940           | 4362          | 0.12%           | 0.013%        |
| 9         | 5.534       | 457           | 459         | 463          | rBV5     | 4515           | 6105          | 0.17%           | 0.018%        |
| 10        | 5.593       | 465           | 469         | 472          | rVB5     | 3388           | 4740          | 0.13%           | 0.014%        |
| 11        | 5.933       | 524           | 527         | 530          | rVB2     | 4142           | 4089          | 0.11%           | 0.012%        |
| 12        | 5.963       | 530           | 532         | 536          | rVB4     | 3240           | 5212          | 0.14%           | 0.016%        |
| 13        | 6.292       | 583           | 588         | 589          | rBV3     | 4316           | 6519          | 0.18%           | 0.019%        |
| 14        | 6.474       | 616           | 619         | 624          | rBV4     | 5621           | 9010          | 0.25%           | 0.027%        |
| 15        | 7.061       | 715           | 719         | 724          | rVB4     | 4095           | 5734          | 0.16%           | 0.017%        |
| 16        | 7.255       | 745           | 752         | 759          | rBV2     | 113809         | 213333        | 5.80%           | 0.636%        |
| 17        | 7.408       | 771           | 778         | 789          | rBV      | 405471         | 687667        | 18.70%          | 2.050%        |
| 18        | 7.508       | 791           | 795         | 798          | rVB4     | 4195           | 6249          | 0.17%           | 0.019%        |
| 19        | 7.625       | 807           | 815         | 824          | rBV2     | 393968         | 730587        | 19.87%          | 2.178%        |
| 20        | 7.831       | 845           | 850         | 852          | rBV2     | 3382           | 4521          | 0.12%           | 0.013%        |
| 21        | 8.095       | 888           | 895         | 903          | rBV2     | 414604         | 731960        | 19.91%          | 2.182%        |
| 22        | 8.148       | 903           | 904         | 909          | rVB3     | 8914           | 7895          | 0.21%           | 0.024%        |
| 23        | 8.465       | 955           | 958         | 963          | rVB2     | 3507           | 4222          | 0.11%           | 0.013%        |
| 24        | 8.612       | 981           | 983         | 988          | rBV3     | 3184           | 4495          | 0.12%           | 0.013%        |
| 25        | 8.812       | 1009          | 1017        | 1026         | rBV2     | 317278         | 599216        | 16.30%          | 1.786%        |
| 26        | 9.276       | 1088          | 1096        | 1109         | rBV      | 504025         | 928475        | 25.25%          | 2.768%        |
| 27        | 9.675       | 1160          | 1164        | 1166         | rVB3     | 2971           | 4101          | 0.11%           | 0.012%        |
| 28        | 9.699       | 1166          | 1168        | 1173         | rBV2     | 4155           | 4146          | 0.11%           | 0.012%        |
| 29        | 9.769       | 1173          | 1180        | 1181         | rVB4     | 4934           | 5911          | 0.16%           | 0.018%        |
| 30        | 9.793       | 1181          | 1184        | 1189         | rBV5     | 4479           | 5787          | 0.16%           | 0.017%        |
| 31        | 10.004      | 1209          | 1220        | 1229         | rBV      | 431401         | 813347        | 22.12%          | 2.425%        |
| 32        | 10.104      | 1235          | 1237        | 1241         | rVB3     | 4191           | 5128          | 0.14%           | 0.015%        |
| 33        | 10.556      | 1307          | 1314        | 1329         | rBV      | 500186         | 1049293       | 28.53%          | 3.128%        |
| 34        | 10.697      | 1336          | 1338        | 1341         | rVB3     | 5966           | 4709          | 0.13%           | 0.014%        |

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 Max Peaks: 100  
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Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG081816.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 35 | 10.797 | 1353 | 1355 | 1358 | rVB4 | 4870    | 4203    | 0.11%  | 0.013% |
| 36 | 10.932 | 1369 | 1378 | 1387 | rBV  | 548260  | 1035854 | 28.17% | 3.088% |
| 37 | 11.097 | 1400 | 1406 | 1410 | rBV5 | 7223    | 13260   | 0.36%  | 0.040% |
| 38 | 11.402 | 1455 | 1458 | 1461 | rVB2 | 3322    | 4534    | 0.12%  | 0.014% |
| 39 | 12.524 | 1643 | 1649 | 1654 | rBV2 | 10531   | 18493   | 0.50%  | 0.055% |
| 40 | 12.730 | 1682 | 1684 | 1689 | rVB5 | 3741    | 5373    | 0.15%  | 0.016% |
| 41 | 12.777 | 1689 | 1692 | 1695 | rBV2 | 2990    | 4344    | 0.12%  | 0.013% |
| 42 | 13.253 | 1770 | 1773 | 1777 | rVB  | 3708    | 5268    | 0.14%  | 0.016% |
| 43 | 13.288 | 1777 | 1779 | 1783 | rBV3 | 3265    | 4271    | 0.12%  | 0.013% |
| 44 | 13.353 | 1787 | 1790 | 1791 | rVV2 | 5433    | 4962    | 0.13%  | 0.015% |
| 45 | 13.552 | 1821 | 1824 | 1828 | rVV4 | 3217    | 5607    | 0.15%  | 0.017% |
| 46 | 13.640 | 1832 | 1839 | 1845 | rBV3 | 17418   | 34339   | 0.93%  | 0.102% |
| 47 | 14.163 | 1921 | 1928 | 1938 | rBV  | 1312381 | 1940378 | 52.77% | 5.784% |
| 48 | 14.463 | 1966 | 1979 | 1989 | rVV  | 1285412 | 2090078 | 56.84% | 6.231% |
| 49 | 14.768 | 2023 | 2031 | 2040 | rBV2 | 904695  | 1508870 | 41.03% | 4.498% |
| 50 | 15.009 | 2064 | 2072 | 2087 | rBV3 | 70725   | 205843  | 5.60%  | 0.614% |
| 51 | 15.227 | 2108 | 2109 | 2114 | rVB4 | 3767    | 4287    | 0.12%  | 0.013% |
| 52 | 15.332 | 2124 | 2127 | 2128 | rBV2 | 5163    | 4356    | 0.12%  | 0.013% |
| 53 | 15.497 | 2150 | 2155 | 2159 | rBV  | 9508    | 15407   | 0.42%  | 0.046% |
| 54 | 15.538 | 2159 | 2162 | 2165 | rVV5 | 5813    | 8570    | 0.23%  | 0.026% |
| 55 | 15.573 | 2165 | 2168 | 2172 | rVV3 | 4753    | 7352    | 0.20%  | 0.022% |
| 56 | 15.761 | 2192 | 2200 | 2209 | rBV  | 1834573 | 2803341 | 76.23% | 8.357% |
| 57 | 15.896 | 2217 | 2223 | 2237 | rBV2 | 615312  | 1005069 | 27.33% | 2.996% |
| 58 | 16.008 | 2237 | 2242 | 2248 | rVB2 | 27329   | 49729   | 1.35%  | 0.148% |
| 59 | 16.190 | 2269 | 2273 | 2274 | rBV3 | 4181    | 5611    | 0.15%  | 0.017% |
| 60 | 16.648 | 2347 | 2351 | 2355 | rVB5 | 5659    | 8068    | 0.22%  | 0.024% |
| 61 | 16.719 | 2358 | 2363 | 2366 | rVB5 | 7015    | 10354   | 0.28%  | 0.031% |
| 62 | 16.977 | 2404 | 2407 | 2410 | rBV2 | 4683    | 5311    | 0.14%  | 0.016% |
| 63 | 17.042 | 2413 | 2418 | 2421 | rVB4 | 4486    | 7619    | 0.21%  | 0.023% |
| 64 | 17.153 | 2434 | 2437 | 2439 | rBV3 | 4804    | 4449    | 0.12%  | 0.013% |
| 65 | 17.206 | 2443 | 2446 | 2449 | rVB4 | 3495    | 4105    | 0.11%  | 0.012% |
| 66 | 17.312 | 2460 | 2464 | 2472 | rVB4 | 8292    | 18099   | 0.49%  | 0.054% |
| 67 | 17.406 | 2475 | 2480 | 2484 | rBV7 | 5154    | 8918    | 0.24%  | 0.027% |
| 68 | 17.529 | 2494 | 2501 | 2511 | rBV  | 1257214 | 1882500 | 51.19% | 5.612% |
| 69 | 17.629 | 2511 | 2518 | 2528 | rVV  | 1999720 | 3085299 | 83.90% | 9.197% |
| 70 | 17.800 | 2542 | 2547 | 2550 | rVB5 | 4809    | 6369    | 0.17%  | 0.019% |
| 71 | 17.917 | 2565 | 2567 | 2573 | rVV5 | 4883    | 8810    | 0.24%  | 0.026% |

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Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG081816.M  
 Title : SVOA CALIBRATION

|     |        |      |      |      |      |         |         |         |         |
|-----|--------|------|------|------|------|---------|---------|---------|---------|
| 72  | 18.023 | 2581 | 2585 | 2590 | rBV5 | 4615    | 8471    | 0.23%   | 0.025%  |
| 73  | 18.287 | 2628 | 2630 | 2634 | rVB4 | 5272    | 5868    | 0.16%   | 0.017%  |
| 74  | 18.405 | 2646 | 2650 | 2654 | rVV5 | 7088    | 12128   | 0.33%   | 0.036%  |
| 75  | 18.475 | 2658 | 2662 | 2667 | rVV6 | 7133    | 12534   | 0.34%   | 0.037%  |
| 76  | 18.534 | 2669 | 2672 | 2675 | rVB5 | 4127    | 4811    | 0.13%   | 0.014%  |
| 77  | 18.698 | 2698 | 2700 | 2702 | rVB3 | 5598    | 4945    | 0.13%   | 0.015%  |
| 78  | 18.722 | 2702 | 2704 | 2707 | rBV4 | 5218    | 4439    | 0.12%   | 0.013%  |
| 79  | 18.875 | 2728 | 2730 | 2732 | rBV3 | 5819    | 5081    | 0.14%   | 0.015%  |
| 80  | 18.927 | 2735 | 2739 | 2743 | rVV7 | 5563    | 10011   | 0.27%   | 0.030%  |
| 81  | 18.974 | 2745 | 2747 | 2750 | rVB3 | 6278    | 5463    | 0.15%   | 0.016%  |
| 82  | 19.010 | 2750 | 2753 | 2756 | rBV4 | 4302    | 4588    | 0.12%   | 0.014%  |
| 83  | 19.280 | 2798 | 2799 | 2802 | rBV3 | 4421    | 4152    | 0.11%   | 0.012%  |
| 84  | 19.368 | 2813 | 2814 | 2817 | rBV3 | 4186    | 4534    | 0.12%   | 0.014%  |
| 85  | 19.556 | 2841 | 2846 | 2851 | rVV  | 31823   | 47232   | 1.28%   | 0.141%  |
| 86  | 19.621 | 2853 | 2857 | 2858 | rVB5 | 6623    | 6545    | 0.18%   | 0.020%  |
| 87  | 19.809 | 2885 | 2889 | 2894 | rVB3 | 27300   | 40231   | 1.09%   | 0.120%  |
| 88  | 19.867 | 2896 | 2899 | 2900 | rBV3 | 4506    | 5205    | 0.14%   | 0.016%  |
| 89  | 19.920 | 2901 | 2908 | 2920 | rVV  | 2550773 | 3677245 | 100.00% | 10.962% |
| 90  | 20.543 | 3012 | 3014 | 3016 | rBV3 | 7978    | 6735    | 0.18%   | 0.020%  |
| 91  | 20.731 | 3044 | 3046 | 3047 | rBV2 | 11825   | 8902    | 0.24%   | 0.027%  |
| 92  | 21.841 | 3229 | 3235 | 3242 | rBV2 | 1278650 | 2229271 | 60.62%  | 6.646%  |
| 93  | 23.128 | 3450 | 3454 | 3459 | rBV8 | 13838   | 27653   | 0.75%   | 0.082%  |
| 94  | 24.191 | 3633 | 3635 | 3637 | rBV2 | 21336   | 19239   | 0.52%   | 0.057%  |
| 95  | 24.984 | 3759 | 3770 | 3782 | rBV3 | 1141611 | 3324604 | 90.41%  | 9.911%  |
| 96  | 25.219 | 3798 | 3810 | 3824 | rVB  | 644027  | 2175256 | 59.15%  | 6.485%  |
| 97  | 26.364 | 4003 | 4005 | 4017 | rVB8 | 52125   | 113786  | 3.09%   | 0.339%  |
| 98  | 27.951 | 4273 | 4275 | 4277 | rBV3 | 15859   | 15482   | 0.42%   | 0.046%  |
| 99  | 29.578 | 4550 | 4552 | 4553 | rVB2 | 16695   | 7873    | 0.21%   | 0.023%  |
| 100 | 31.469 | 4872 | 4874 | 4876 | rBV3 | 13354   | 13144   | 0.36%   | 0.039%  |

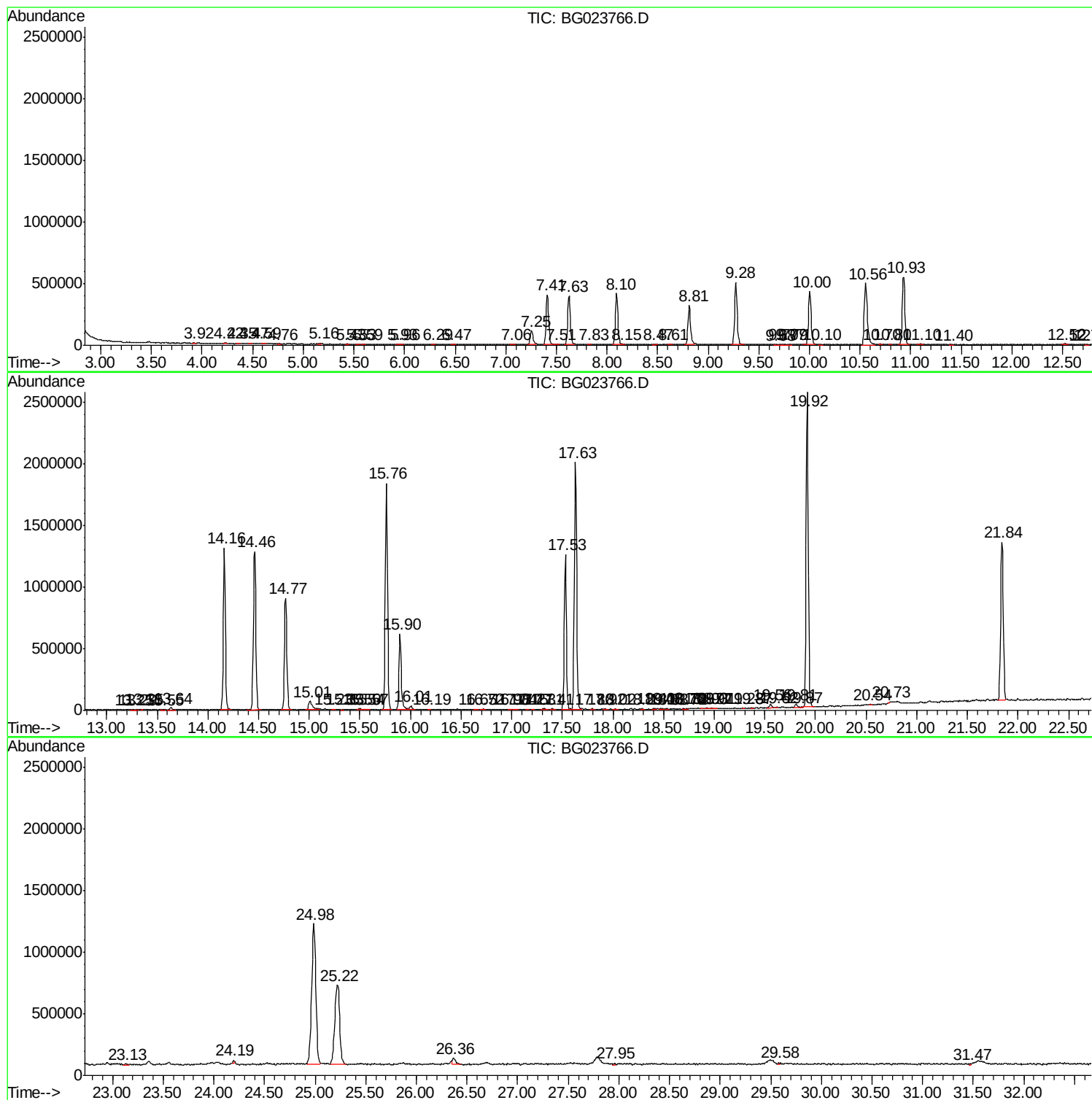
Sum of corrected areas: 33545216

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG081816.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 Top Hit name | RT | EstConc | Units | Response | --Internal Standard-- |
|------------------|----|---------|-------|----------|-----------------------|
|                  |    |         |       |          | # RT Resp Conc        |