

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120616\  
 Data File : BG024976.D  
 Acq On : 6 Dec 2016 12:31  
 Operator : UM/SJ  
 Sample : PB95055BL  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SBLK55

## 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         | 3.605       | 125           | 130         | 138          | rVB4     | 27700          | 58499         | 1.43%           | 0.168%        |
| 2         | 3.928       | 181           | 185         | 187          | rBV4     | 6173           | 9892          | 0.24%           | 0.028%        |
| 3         | 4.228       | 234           | 236         | 239          | rBV3     | 7577           | 9406          | 0.23%           | 0.027%        |
| 4         | 4.369       | 258           | 260         | 267          | rVB6     | 8737           | 8704          | 0.21%           | 0.025%        |
| 5         | 4.463       | 273           | 276         | 278          | rVB3     | 8772           | 7306          | 0.18%           | 0.021%        |
| 6         | 4.621       | 298           | 303         | 306          | rVB3     | 6775           | 11328         | 0.28%           | 0.033%        |
| 7         | 4.645       | 306           | 307         | 311          | rBV4     | 5889           | 6750          | 0.16%           | 0.019%        |
| 8         | 4.721       | 316           | 320         | 324          | rVB4     | 5638           | 9885          | 0.24%           | 0.028%        |
| 9         | 4.909       | 348           | 352         | 355          | rBV4     | 4404           | 7070          | 0.17%           | 0.020%        |
| 10        | 4.956       | 359           | 360         | 365          | rBV3     | 5144           | 7931          | 0.19%           | 0.023%        |
| 11        | 5.097       | 381           | 384         | 388          | rVB5     | 7472           | 11022         | 0.27%           | 0.032%        |
| 12        | 5.150       | 391           | 393         | 401          | rVB5     | 6040           | 11659         | 0.28%           | 0.034%        |
| 13        | 5.221       | 401           | 405         | 407          | rBV3     | 6433           | 7760          | 0.19%           | 0.022%        |
| 14        | 5.409       | 434           | 437         | 443          | rBV4     | 5802           | 11132         | 0.27%           | 0.032%        |
| 15        | 5.491       | 446           | 451         | 454          | rBV5     | 5387           | 9736          | 0.24%           | 0.028%        |
| 16        | 5.890       | 516           | 519         | 521          | rBV3     | 8166           | 10145         | 0.25%           | 0.029%        |
| 17        | 6.031       | 541           | 543         | 546          | rVB2     | 7458           | 7213          | 0.18%           | 0.021%        |
| 18        | 6.096       | 551           | 554         | 557          | rBV2     | 5027           | 6670          | 0.16%           | 0.019%        |
| 19        | 6.178       | 564           | 568         | 574          | rVB5     | 6447           | 11003         | 0.27%           | 0.032%        |
| 20        | 6.243       | 576           | 579         | 583          | rVB5     | 5502           | 7969          | 0.19%           | 0.023%        |
| 21        | 6.337       | 592           | 595         | 600          | rVB3     | 5007           | 7804          | 0.19%           | 0.022%        |
| 22        | 6.842       | 676           | 681         | 685          | rVB4     | 4670           | 8269          | 0.20%           | 0.024%        |
| 23        | 7.377       | 764           | 772         | 784          | rBV      | 373800         | 701732        | 17.10%          | 2.017%        |
| 24        | 7.559       | 795           | 803         | 815          | rVB      | 282373         | 491744        | 11.98%          | 1.414%        |
| 25        | 7.771       | 831           | 839         | 848          | rBV      | 360333         | 648301        | 15.80%          | 1.864%        |
| 26        | 8.017       | 876           | 881         | 885          | rBV3     | 6625           | 9786          | 0.24%           | 0.028%        |
| 27        | 8.246       | 908           | 920         | 928          | rBV      | 250061         | 477353        | 11.63%          | 1.372%        |
| 28        | 8.358       | 938           | 939         | 944          | rBV4     | 6341           | 6545          | 0.16%           | 0.019%        |
| 29        | 8.458       | 954           | 956         | 960          | rBV3     | 4831           | 6926          | 0.17%           | 0.020%        |
| 30        | 8.517       | 960           | 966         | 969          | rVB3     | 5935           | 8467          | 0.21%           | 0.024%        |
| 31        | 8.816       | 1013          | 1017        | 1022         | rBV4     | 3721           | 7459          | 0.18%           | 0.021%        |
| 32        | 8.940       | 1027          | 1038        | 1048         | rBV      | 462312         | 870265        | 21.21%          | 2.502%        |
| 33        | 9.416       | 1111          | 1119        | 1128         | rBV      | 383858         | 718273        | 17.50%          | 2.065%        |
| 34        | 9.610       | 1145          | 1152        | 1155         | rBV4     | 6547           | 10940         | 0.27%           | 0.031%        |

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 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 35 | 9.933  | 1205 | 1207 | 1214 | rBV5 | 5925    | 11452   | 0.28%  | 0.033% |
| 36 | 10.050 | 1224 | 1227 | 1231 | rBV2 | 5908    | 7191    | 0.18%  | 0.021% |
| 37 | 10.138 | 1231 | 1242 | 1254 | rVB3 | 333536  | 638497  | 15.56% | 1.836% |
| 38 | 10.279 | 1264 | 1266 | 1271 | rBV4 | 6651    | 11349   | 0.28%  | 0.033% |
| 39 | 10.679 | 1325 | 1334 | 1349 | rBV  | 460527  | 894981  | 21.81% | 2.573% |
| 40 | 10.838 | 1357 | 1361 | 1364 | rVB5 | 5678    | 7318    | 0.18%  | 0.021% |
| 41 | 11.073 | 1391 | 1401 | 1409 | rBV  | 354137  | 645533  | 15.73% | 1.856% |
| 42 | 11.202 | 1414 | 1423 | 1433 | rBV  | 448835  | 883907  | 21.54% | 2.541% |
| 43 | 11.572 | 1483 | 1486 | 1489 | rBV4 | 6032    | 9455    | 0.23%  | 0.027% |
| 44 | 12.383 | 1620 | 1624 | 1628 | rVB3 | 3986    | 6594    | 0.16%  | 0.019% |
| 45 | 12.459 | 1635 | 1637 | 1643 | rVB5 | 4823    | 7042    | 0.17%  | 0.020% |
| 46 | 12.530 | 1643 | 1649 | 1652 | rBV3 | 4634    | 10480   | 0.26%  | 0.030% |
| 47 | 12.630 | 1662 | 1666 | 1667 | rBV3 | 8993    | 8745    | 0.21%  | 0.025% |
| 48 | 12.647 | 1667 | 1669 | 1673 | rVB4 | 10057   | 9195    | 0.22%  | 0.026% |
| 49 | 12.706 | 1678 | 1679 | 1687 | rVB5 | 9060    | 18282   | 0.45%  | 0.053% |
| 50 | 12.771 | 1687 | 1690 | 1694 | rBV3 | 6890    | 12211   | 0.30%  | 0.035% |
| 51 | 12.812 | 1694 | 1697 | 1702 | rVB4 | 5982    | 10611   | 0.26%  | 0.031% |
| 52 | 13.211 | 1762 | 1765 | 1773 | rVB6 | 8208    | 12136   | 0.30%  | 0.035% |
| 53 | 13.599 | 1826 | 1831 | 1835 | rVB6 | 7860    | 12340   | 0.30%  | 0.035% |
| 54 | 13.746 | 1853 | 1856 | 1859 | rVB5 | 5629    | 6847    | 0.17%  | 0.020% |
| 55 | 13.775 | 1859 | 1861 | 1864 | rBV3 | 7123    | 7496    | 0.18%  | 0.022% |
| 56 | 13.934 | 1885 | 1888 | 1891 | rBV3 | 5151    | 7808    | 0.19%  | 0.022% |
| 57 | 14.010 | 1894 | 1901 | 1904 | rVB6 | 4461    | 8752    | 0.21%  | 0.025% |
| 58 | 14.251 | 1932 | 1942 | 1955 | rBV  | 1126345 | 1678263 | 40.90% | 4.825% |
| 59 | 14.563 | 1986 | 1995 | 2003 | rBV  | 992698  | 1641530 | 40.01% | 4.719% |
| 60 | 14.721 | 2021 | 2022 | 2029 | rVB3 | 5521    | 10604   | 0.26%  | 0.030% |
| 61 | 14.862 | 2035 | 2046 | 2056 | rBV  | 670773  | 1074334 | 26.18% | 3.089% |
| 62 | 15.038 | 2068 | 2076 | 2096 | rBV  | 553128  | 993854  | 24.22% | 2.857% |
| 63 | 15.197 | 2096 | 2103 | 2105 | rVV7 | 4956    | 8717    | 0.21%  | 0.025% |
| 64 | 15.755 | 2195 | 2198 | 2204 | rBV3 | 7116    | 14553   | 0.35%  | 0.042% |
| 65 | 15.849 | 2204 | 2214 | 2223 | rVV  | 1474535 | 2328192 | 56.74% | 6.693% |
| 66 | 15.961 | 2227 | 2233 | 2248 | rVB  | 631381  | 990940  | 24.15% | 2.849% |
| 67 | 16.084 | 2248 | 2254 | 2260 | rVB6 | 21893   | 38498   | 0.94%  | 0.111% |
| 68 | 16.202 | 2271 | 2274 | 2278 | rBV3 | 5384    | 7502    | 0.18%  | 0.022% |
| 69 | 16.249 | 2280 | 2282 | 2287 | rBV4 | 7089    | 6708    | 0.16%  | 0.019% |
| 70 | 16.419 | 2308 | 2311 | 2315 | rVB5 | 8133    | 9456    | 0.23%  | 0.027% |
| 71 | 16.554 | 2330 | 2334 | 2337 | rBV5 | 6191    | 11623   | 0.28%  | 0.033% |

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Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG113016.M  
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|     |        |      |      |      |      |         |         |         |         |
|-----|--------|------|------|------|------|---------|---------|---------|---------|
| 72  | 16.625 | 2343 | 2346 | 2352 | rVB4 | 7959    | 12093   | 0.29%   | 0.035%  |
| 73  | 17.253 | 2452 | 2453 | 2459 | rVB3 | 5960    | 9675    | 0.24%   | 0.028%  |
| 74  | 17.330 | 2464 | 2466 | 2469 | rBV2 | 5517    | 6989    | 0.17%   | 0.020%  |
| 75  | 17.389 | 2473 | 2476 | 2477 | rBV2 | 9741    | 7112    | 0.17%   | 0.020%  |
| 76  | 17.524 | 2496 | 2499 | 2505 | rBV5 | 6567    | 15680   | 0.38%   | 0.045%  |
| 77  | 17.606 | 2505 | 2513 | 2522 | rVV2 | 993469  | 1614266 | 39.34%  | 4.641%  |
| 78  | 17.700 | 2522 | 2529 | 2543 | rVV2 | 1870582 | 2967626 | 72.32%  | 8.532%  |
| 79  | 17.806 | 2543 | 2547 | 2552 | rVV5 | 8865    | 11812   | 0.29%   | 0.034%  |
| 80  | 18.006 | 2576 | 2581 | 2582 | rVB4 | 7964    | 11217   | 0.27%   | 0.032%  |
| 81  | 18.070 | 2589 | 2592 | 2596 | rBV4 | 6002    | 8276    | 0.20%   | 0.024%  |
| 82  | 18.223 | 2614 | 2618 | 2622 | rBV4 | 4563    | 7184    | 0.18%   | 0.021%  |
| 83  | 18.370 | 2639 | 2643 | 2645 | rBV4 | 6781    | 8918    | 0.22%   | 0.026%  |
| 84  | 18.828 | 2718 | 2721 | 2724 | rBV3 | 5957    | 7748    | 0.19%   | 0.022%  |
| 85  | 18.940 | 2738 | 2740 | 2744 | rBV3 | 4172    | 6489    | 0.16%   | 0.019%  |
| 86  | 18.999 | 2746 | 2750 | 2753 | rVB5 | 7015    | 10122   | 0.25%   | 0.029%  |
| 87  | 19.175 | 2778 | 2780 | 2786 | rVB5 | 7699    | 10095   | 0.25%   | 0.029%  |
| 88  | 19.445 | 2823 | 2826 | 2828 | rVB4 | 6864    | 8058    | 0.20%   | 0.023%  |
| 89  | 19.610 | 2849 | 2854 | 2858 | rVB2 | 31584   | 45984   | 1.12%   | 0.132%  |
| 90  | 19.774 | 2878 | 2882 | 2884 | rBV5 | 9498    | 8418    | 0.21%   | 0.024%  |
| 91  | 19.868 | 2893 | 2898 | 2902 | rBV2 | 27588   | 48702   | 1.19%   | 0.140%  |
| 92  | 19.974 | 2906 | 2916 | 2924 | rBV  | 2730422 | 4074620 | 99.30%  | 11.714% |
| 93  | 21.895 | 3235 | 3243 | 3253 | rBV  | 1360300 | 2431595 | 59.26%  | 6.991%  |
| 94  | 23.399 | 3493 | 3499 | 3505 | rVB9 | 23881   | 56160   | 1.37%   | 0.161%  |
| 95  | 24.234 | 3635 | 3641 | 3649 | rVB8 | 43559   | 104825  | 2.55%   | 0.301%  |
| 96  | 25.068 | 3771 | 3783 | 3798 | rBV3 | 1364845 | 4103278 | 100.00% | 11.797% |
| 97  | 25.309 | 3805 | 3824 | 3838 | rVB2 | 770470  | 2529702 | 61.65%  | 7.273%  |
| 98  | 26.419 | 4006 | 4013 | 4024 | rVB7 | 60870   | 177299  | 4.32%   | 0.510%  |
| 99  | 27.853 | 4249 | 4257 | 4265 | rVB8 | 57790   | 194467  | 4.74%   | 0.559%  |
| 100 | 29.433 | 4524 | 4526 | 4529 | rBV4 | 16412   | 16594   | 0.40%   | 0.048%  |

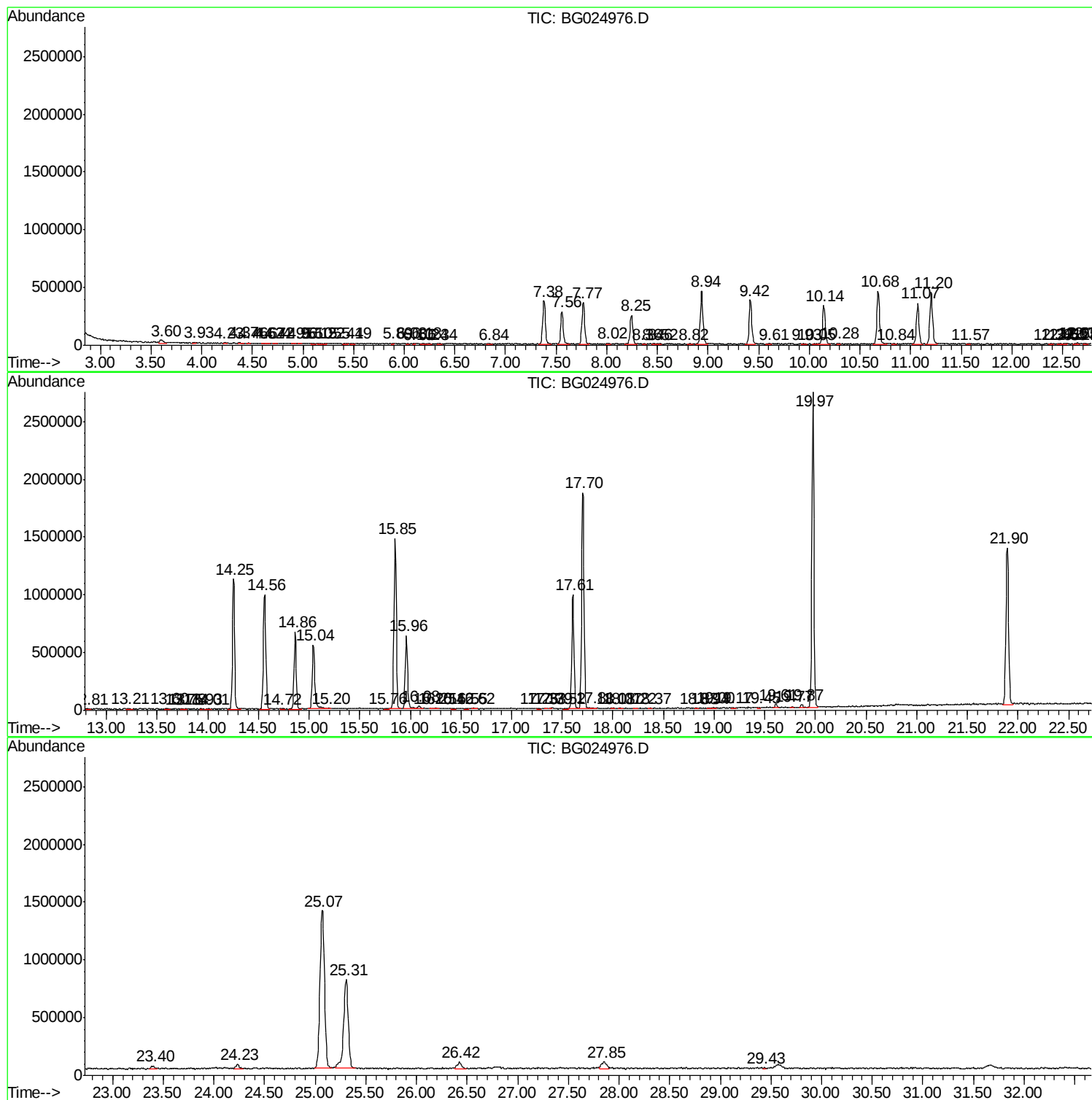
Sum of corrected areas: 34782944

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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        |