

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101716\  
 Data File : BG024390.D  
 Acq On : 17 Oct 2016 19:37  
 Operator : UM/SJ  
 Sample : H5240-02  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BDPE9

## 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-BG0100716.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         | 3.649       | 134           | 138         | 144          | rVB6     | 25239          | 36867         | 0.89%           | 0.080%        |
| 2         | 4.301       | 247           | 249         | 255          | rVB6     | 8645           | 12452         | 0.30%           | 0.027%        |
| 3         | 4.354       | 255           | 258         | 261          | rBV5     | 9607           | 12495         | 0.30%           | 0.027%        |
| 4         | 4.413       | 263           | 268         | 276          | rVB8     | 25119          | 48873         | 1.18%           | 0.106%        |
| 5         | 4.795       | 332           | 333         | 337          | rBV3     | 8941           | 10301         | 0.25%           | 0.022%        |
| 6         | 5.000       | 365           | 368         | 373          | rVB6     | 7359           | 11908         | 0.29%           | 0.026%        |
| 7         | 5.347       | 425           | 427         | 437          | rVB7     | 9734           | 22593         | 0.54%           | 0.049%        |
| 8         | 5.617       | 470           | 473         | 475          | rBV4     | 10582          | 12869         | 0.31%           | 0.028%        |
| 9         | 5.793       | 502           | 503         | 507          | rVB4     | 11177          | 10622         | 0.26%           | 0.023%        |
| 10        | 6.281       | 581           | 586         | 588          | rVB3     | 7850           | 13142         | 0.32%           | 0.029%        |
| 11        | 6.316       | 588           | 592         | 594          | rBV4     | 8192           | 11413         | 0.27%           | 0.025%        |
| 12        | 6.545       | 627           | 631         | 634          | rBV5     | 7900           | 12746         | 0.31%           | 0.028%        |
| 13        | 6.722       | 657           | 661         | 663          | rVB3     | 8090           | 11347         | 0.27%           | 0.025%        |
| 14        | 6.757       | 663           | 667         | 670          | rBV5     | 9239           | 14789         | 0.36%           | 0.032%        |
| 15        | 7.415       | 771           | 779         | 789          | rVV      | 436251         | 823620        | 19.81%          | 1.791%        |
| 16        | 7.597       | 803           | 810         | 819          | rBV      | 291330         | 496534        | 11.94%          | 1.080%        |
| 17        | 7.809       | 837           | 846         | 853          | rBV2     | 388930         | 702384        | 16.90%          | 1.527%        |
| 18        | 8.167       | 903           | 907         | 912          | rVB5     | 6676           | 11041         | 0.27%           | 0.024%        |
| 19        | 8.285       | 915           | 927         | 936          | rBV      | 642201         | 1159138       | 27.88%          | 2.521%        |
| 20        | 8.490       | 959           | 962         | 966          | rVB4     | 7808           | 10660         | 0.26%           | 0.023%        |
| 21        | 8.520       | 966           | 967         | 973          | rVB5     | 10181          | 15836         | 0.38%           | 0.034%        |
| 22        | 8.972       | 1035          | 1044        | 1054         | rVV2     | 510264         | 942868        | 22.68%          | 2.050%        |
| 23        | 9.454       | 1118          | 1126        | 1134         | rBV      | 406471         | 788551        | 18.97%          | 1.715%        |
| 24        | 9.583       | 1144          | 1148        | 1152         | rBV4     | 10094          | 21258         | 0.51%           | 0.046%        |
| 25        | 9.812       | 1183          | 1187        | 1195         | rVV9     | 12259          | 21017         | 0.51%           | 0.046%        |
| 26        | 10.088      | 1231          | 1234        | 1238         | rBV3     | 7173           | 11486         | 0.28%           | 0.025%        |
| 27        | 10.182      | 1242          | 1250        | 1260         | rVB      | 368295         | 682988        | 16.43%          | 1.485%        |
| 28        | 10.276      | 1264          | 1266        | 1271         | rVB5     | 9383           | 12670         | 0.30%           | 0.028%        |
| 29        | 10.711      | 1329          | 1340        | 1353         | rBV      | 552321         | 1062722       | 25.57%          | 2.311%        |
| 30        | 10.799      | 1353          | 1355        | 1359         | rVB5     | 8169           | 11509         | 0.28%           | 0.025%        |
| 31        | 11.111      | 1398          | 1408        | 1420         | rVB      | 974179         | 1813729       | 43.63%          | 3.944%        |
| 32        | 11.240      | 1422          | 1430        | 1439         | rBV      | 494150         | 934592        | 22.48%          | 2.032%        |
| 33        | 11.399      | 1454          | 1457        | 1459         | rBV3     | 8603           | 10469         | 0.25%           | 0.023%        |
| 34        | 12.080      | 1570          | 1573        | 1576         | rBV3     | 8117           | 10481         | 0.25%           | 0.023%        |

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 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 35 | 12.433 | 1627 | 1633 | 1634 | rVB6 | 7131    | 14213   | 0.34%  | 0.031% |
| 36 | 12.556 | 1649 | 1654 | 1659 | rBV7 | 11798   | 21762   | 0.52%  | 0.047% |
| 37 | 12.679 | 1670 | 1675 | 1677 | rVB5 | 16489   | 24849   | 0.60%  | 0.054% |
| 38 | 13.161 | 1753 | 1757 | 1759 | rBV4 | 11699   | 11857   | 0.29%  | 0.026% |
| 39 | 13.385 | 1792 | 1795 | 1800 | rVB5 | 8548    | 17553   | 0.42%  | 0.038% |
| 40 | 13.678 | 1841 | 1845 | 1850 | rBV5 | 4834    | 10518   | 0.25%  | 0.023% |
| 41 | 13.766 | 1854 | 1860 | 1864 | rBV7 | 23886   | 43714   | 1.05%  | 0.095% |
| 42 | 13.960 | 1887 | 1893 | 1895 | rVB4 | 10943   | 20661   | 0.50%  | 0.045% |
| 43 | 14.013 | 1898 | 1902 | 1906 | rVB7 | 8589    | 14961   | 0.36%  | 0.033% |
| 44 | 14.289 | 1936 | 1949 | 1953 | rBV  | 1179487 | 1772365 | 42.64% | 3.854% |
| 45 | 14.336 | 1953 | 1957 | 1964 | rVB  | 539977  | 820286  | 19.73% | 1.784% |
| 46 | 14.524 | 1986 | 1989 | 1992 | rBV4 | 10521   | 13361   | 0.32%  | 0.029% |
| 47 | 14.595 | 1994 | 2001 | 2009 | rBV  | 1228595 | 1932955 | 46.50% | 4.203% |
| 48 | 14.754 | 2022 | 2028 | 2035 | rVB5 | 23917   | 41921   | 1.01%  | 0.091% |
| 49 | 14.900 | 2045 | 2053 | 2068 | rVB  | 1832401 | 2886478 | 69.44% | 6.277% |
| 50 | 15.059 | 2071 | 2080 | 2096 | rBV  | 569328  | 958315  | 23.05% | 2.084% |
| 51 | 15.365 | 2128 | 2132 | 2136 | rBV6 | 10157   | 11757   | 0.28%  | 0.026% |
| 52 | 15.429 | 2141 | 2143 | 2150 | rVB8 | 12655   | 19905   | 0.48%  | 0.043% |
| 53 | 15.652 | 2178 | 2181 | 2184 | rBV4 | 10763   | 13762   | 0.33%  | 0.030% |
| 54 | 15.699 | 2184 | 2189 | 2193 | rVB3 | 59374   | 86188   | 2.07%  | 0.187% |
| 55 | 15.746 | 2194 | 2197 | 2201 | rVB5 | 12253   | 15999   | 0.38%  | 0.035% |
| 56 | 15.805 | 2201 | 2207 | 2213 | rBV4 | 47733   | 74612   | 1.79%  | 0.162% |
| 57 | 15.882 | 2213 | 2220 | 2231 | rVB2 | 1668957 | 2684260 | 64.57% | 5.837% |
| 58 | 15.987 | 2231 | 2238 | 2247 | rBV  | 526165  | 818403  | 19.69% | 1.780% |
| 59 | 16.111 | 2254 | 2259 | 2269 | rVB8 | 28331   | 72839   | 1.75%  | 0.158% |
| 60 | 16.199 | 2270 | 2274 | 2280 | rVB9 | 12825   | 27648   | 0.67%  | 0.060% |
| 61 | 16.252 | 2280 | 2283 | 2286 | rBV5 | 15537   | 19403   | 0.47%  | 0.042% |
| 62 | 16.322 | 2290 | 2295 | 2298 | rBV5 | 12141   | 18411   | 0.44%  | 0.040% |
| 63 | 16.387 | 2303 | 2306 | 2307 | rBV3 | 7718    | 10387   | 0.25%  | 0.023% |
| 64 | 16.434 | 2313 | 2314 | 2321 | rBV6 | 9110    | 16880   | 0.41%  | 0.037% |
| 65 | 16.516 | 2324 | 2328 | 2329 | rBV4 | 8724    | 11728   | 0.28%  | 0.026% |
| 66 | 16.557 | 2330 | 2335 | 2343 | rVV2 | 76445   | 137249  | 3.30%  | 0.298% |
| 67 | 16.675 | 2353 | 2355 | 2361 | rVB7 | 10581   | 14495   | 0.35%  | 0.032% |
| 68 | 16.757 | 2366 | 2369 | 2371 | rVB3 | 10633   | 10940   | 0.26%  | 0.024% |
| 69 | 16.786 | 2371 | 2374 | 2377 | rBV5 | 7029    | 10351   | 0.25%  | 0.023% |
| 70 | 16.828 | 2378 | 2381 | 2388 | rBV8 | 16684   | 39162   | 0.94%  | 0.085% |
| 71 | 17.045 | 2415 | 2418 | 2424 | rVB3 | 37350   | 59860   | 1.44%  | 0.130% |

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|-----|--------|------|------|------|------|---------|---------|---------|--------|
| 72  | 17.350 | 2466 | 2470 | 2475 | rBV2 | 51109   | 57873   | 1.39%   | 0.126% |
| 73  | 17.409 | 2475 | 2480 | 2481 | rBV5 | 16048   | 23635   | 0.57%   | 0.051% |
| 74  | 17.574 | 2503 | 2508 | 2510 | rBV6 | 8666    | 15107   | 0.36%   | 0.033% |
| 75  | 17.638 | 2510 | 2519 | 2529 | rBV2 | 2288828 | 3657391 | 87.98%  | 7.953% |
| 76  | 17.738 | 2529 | 2536 | 2547 | rVB2 | 1964158 | 3026455 | 72.81%  | 6.581% |
| 77  | 17.979 | 2572 | 2577 | 2590 | rBV4 | 81618   | 152958  | 3.68%   | 0.333% |
| 78  | 18.085 | 2591 | 2595 | 2597 | rBV4 | 17863   | 18845   | 0.45%   | 0.041% |
| 79  | 18.120 | 2598 | 2601 | 2605 | rVB4 | 30832   | 32770   | 0.79%   | 0.071% |
| 80  | 18.267 | 2623 | 2626 | 2630 | rBV5 | 12027   | 16934   | 0.41%   | 0.037% |
| 81  | 18.302 | 2630 | 2632 | 2636 | rBV5 | 8103    | 10882   | 0.26%   | 0.024% |
| 82  | 18.361 | 2639 | 2642 | 2646 | rVB6 | 10776   | 15692   | 0.38%   | 0.034% |
| 83  | 18.484 | 2658 | 2663 | 2669 | rBV2 | 247179  | 354190  | 8.52%   | 0.770% |
| 84  | 18.608 | 2682 | 2684 | 2690 | rVB7 | 8758    | 13521   | 0.33%   | 0.029% |
| 85  | 18.772 | 2710 | 2712 | 2718 | rBV6 | 14681   | 17474   | 0.42%   | 0.038% |
| 86  | 19.048 | 2754 | 2759 | 2764 | rBV6 | 36435   | 58158   | 1.40%   | 0.126% |
| 87  | 19.336 | 2802 | 2808 | 2816 | rBV6 | 31772   | 71384   | 1.72%   | 0.155% |
| 88  | 19.566 | 2844 | 2847 | 2848 | rBV3 | 19162   | 16954   | 0.41%   | 0.037% |
| 89  | 19.601 | 2849 | 2853 | 2855 | rVV4 | 21979   | 28759   | 0.69%   | 0.063% |
| 90  | 19.636 | 2857 | 2859 | 2868 | rVB2 | 44086   | 70235   | 1.69%   | 0.153% |
| 91  | 19.742 | 2873 | 2877 | 2884 | rBV2 | 146777  | 204129  | 4.91%   | 0.444% |
| 92  | 19.836 | 2889 | 2893 | 2898 | rVB8 | 41568   | 59048   | 1.42%   | 0.128% |
| 93  | 19.889 | 2898 | 2902 | 2907 | rBV6 | 28305   | 57865   | 1.39%   | 0.126% |
| 94  | 20.006 | 2915 | 2922 | 2935 | rVB  | 2257566 | 3564327 | 85.74%  | 7.751% |
| 95  | 20.523 | 3007 | 3010 | 3014 | rVB6 | 39401   | 56036   | 1.35%   | 0.122% |
| 96  | 21.170 | 3117 | 3120 | 3124 | rVB6 | 35777   | 45060   | 1.08%   | 0.098% |
| 97  | 21.522 | 3176 | 3180 | 3191 | rVB8 | 104504  | 220987  | 5.32%   | 0.481% |
| 98  | 21.939 | 3243 | 3251 | 3258 | rVB  | 2338457 | 4156925 | 100.00% | 9.039% |
| 99  | 25.141 | 3785 | 3796 | 3808 | rVB  | 1118166 | 3299030 | 79.36%  | 7.174% |
| 100 | 25.376 | 3825 | 3836 | 3848 | rVB3 | 1285712 | 4098534 | 98.60%  | 8.912% |

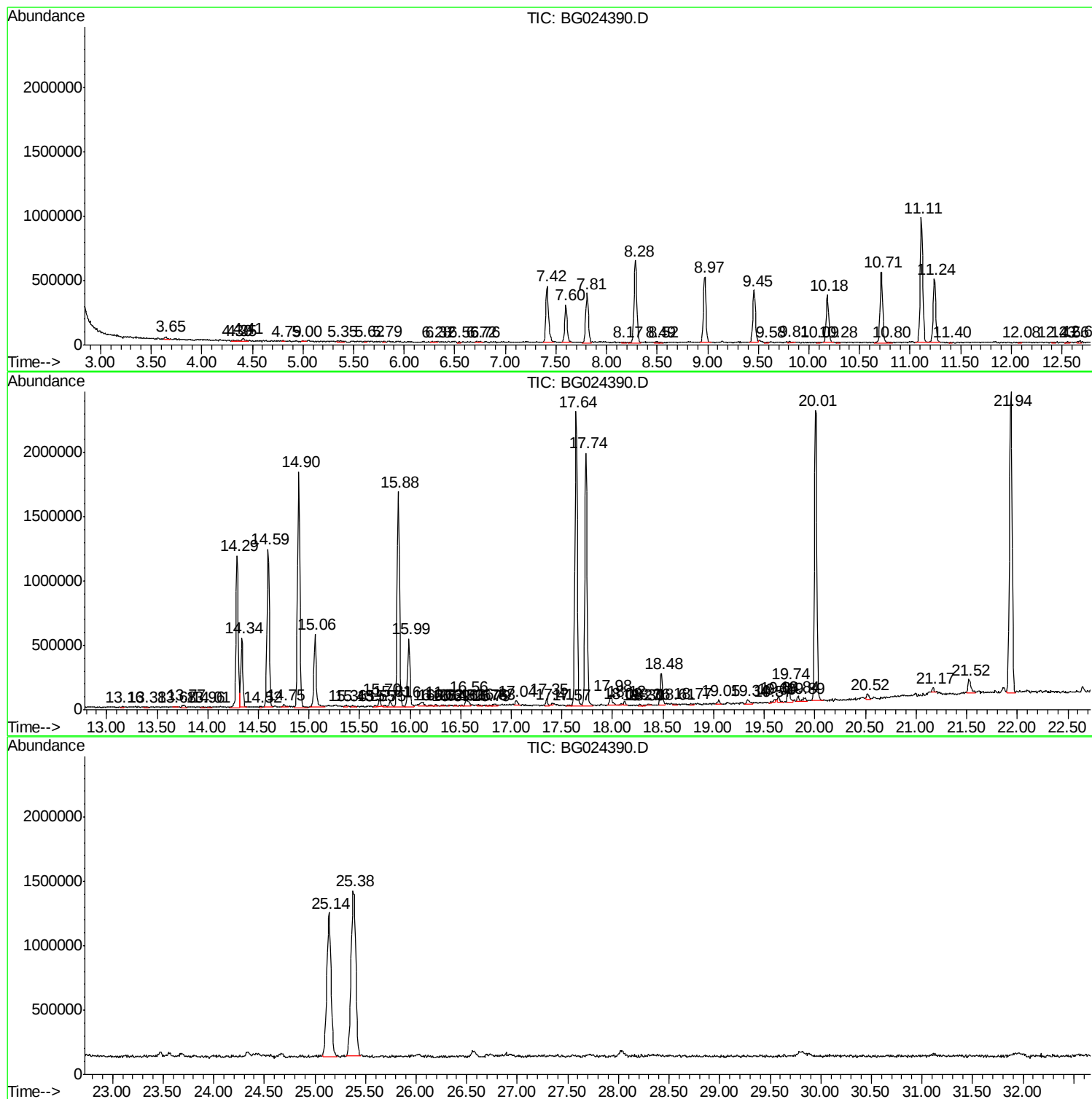
Sum of corrected areas: 45987136

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.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        |