

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052020\  
 Data File : VU038255.D  
 Acq On : 20 May 2020 18:11  
 Operator : JC/MD  
 Sample : VIBLK  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VIBLK

Integration Parameters: rteint.p  
 Integrator: RTE  
 Smoothing : ON  
 Sampling : 1  
 Start Thrs: 0.1  
 Stop Thrs : 0  
 Filtering: 5  
 Min Area: 3 % 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:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR050720WMA.M  
 Title : TRACE VOA SOM01.0

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         | 1.530       | 44            | 59          | 61           | rBV9     | 10006          | 21605         | 1.23%           | 0.173%        |
| 2         | 1.613       | 76            | 85          | 100          | rBV      | 213363         | 232543        | 13.24%          | 1.858%        |
| 3         | 1.932       | 175           | 184         | 194          | rBV      | 174502         | 224269        | 12.77%          | 1.792%        |
| 4         | 2.594       | 377           | 390         | 405          | rBV      | 290952         | 470386        | 26.78%          | 3.758%        |
| 5         | 3.218       | 570           | 584         | 599          | rVB      | 11588          | 24290         | 1.38%           | 0.194%        |
| 6         | 4.665       | 1018          | 1034        | 1070         | rBV      | 302717         | 770525        | 43.87%          | 6.157%        |
| 7         | 5.102       | 1151          | 1170        | 1192         | rBV      | 255118         | 561969        | 32.00%          | 4.490%        |
| 8         | 5.761       | 1352          | 1375        | 1407         | rBV2     | 525966         | 1399422       | 79.67%          | 11.182%       |
| 9         | 6.282       | 1522          | 1537        | 1557         | rBV      | 413213         | 790660        | 45.02%          | 6.318%        |
| 10        | 6.719       | 1659          | 1673        | 1693         | rBV      | 343528         | 666979        | 37.97%          | 5.329%        |
| 11        | 7.590       | 1930          | 1944        | 1963         | rBV      | 178400         | 310531        | 17.68%          | 2.481%        |
| 12        | 7.922       | 2033          | 2047        | 2075         | rBV      | 651965         | 1172174       | 66.74%          | 9.366%        |
| 13        | 8.201       | 2120          | 2134        | 2150         | rBV      | 109005         | 185586        | 10.57%          | 1.483%        |
| 14        | 8.655       | 2261          | 2275        | 2313         | rBV      | 994766         | 1756415       | 100.00%         | 14.034%       |
| 15        | 8.928       | 2349          | 2360        | 2382         | rBV2     | 20630          | 40559         | 2.31%           | 0.324%        |
| 16        | 9.436       | 2505          | 2518        | 2546         | rBV      | 601459         | 1010244       | 57.52%          | 8.072%        |
| 17        | 10.770      | 2921          | 2933        | 2948         | rBV      | 261773         | 420674        | 23.95%          | 3.361%        |
| 18        | 11.825      | 3248          | 3261        | 3279         | rBV      | 627496         | 992013        | 56.48%          | 7.926%        |
| 19        | 12.204      | 3365          | 3379        | 3400         | rBV      | 654603         | 1048947       | 59.72%          | 8.381%        |
| 20        | 15.854      | 4506          | 4514        | 4526         | rVB4     | 10536          | 19084         | 1.09%           | 0.152%        |
| 21        | 16.963      | 4847          | 4859        | 4872         | rBV      | 230790         | 396442        | 22.57%          | 3.168%        |

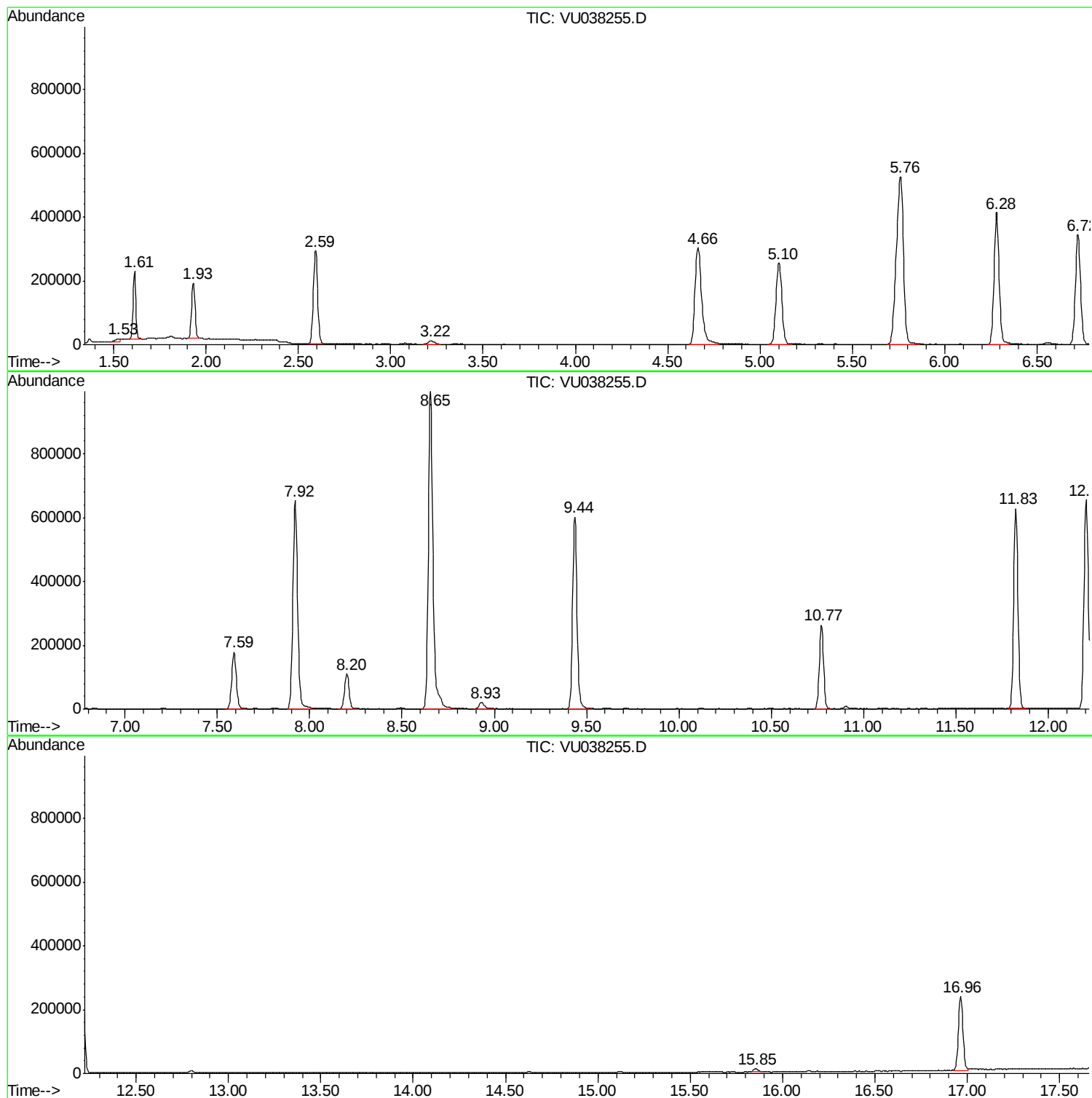
Sum of corrected areas: 12515317

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MSVOA\_U  
ClientSampleId :  
VIBLK

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR050720WMA.M  
Quant Title : TRACE VOA SOM01.0

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



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TIC Integration Parameters: LSCINT.P

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Peak Number 1 Butylated Hydroxytoluene Concentration Rank 1

| R.T.  | EstConc   | Area   | Relative to ISTD       | R.T.  |
|-------|-----------|--------|------------------------|-------|
| 16.96 | 2.00 ug/L | 396442 | 1,4-Dichlorobenzene-d4 | 11.82 |

| Hit# | of | 5 | Tentative ID                       | MW  | MolForm | CAS#        | Qual |
|------|----|---|------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Butylated Hydroxytoluene           | 220 | C15H24O | 000128-37-0 | 98   |
| 2    |    |   | Butylated Hydroxytoluene           | 220 | C15H24O | 000128-37-0 | 97   |
| 3    |    |   | Butylated Hydroxytoluene           | 220 | C15H24O | 000128-37-0 | 94   |
| 4    |    |   | Butylated Hydroxytoluene           | 220 | C15H24O | 000128-37-0 | 94   |
| 5    |    |   | Phenol, 2,4,6-tris(1-methylethyl)- | 220 | C15H24O | 002934-07-8 | 91   |

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| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                      |       |         |       |          | #                     | RT    | Resp   | Conc |
| Butylated Hydroxy... | 16.96 | 2.0     | ug/L  | 396442   | 3                     | 11.82 | 992013 | 5.0  |