

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU020720\  
 Data File : VU036692.D  
 Acq On : 07 Feb 2020 10:48  
 Operator : JC/MD  
 Sample : VU0207WBL03  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VBLK103

Quant Time: Feb 07 22:44:50 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SFAMULM020620W.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Feb 07 22:36:50 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.29  | 114  | 266149   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.45  | 117  | 246606   | 50.00 | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4 | 11.83 | 152  | 105600   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.61    | 65    | 86874    | 48.94    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 97.88%  |
| 7) Chloroethane-d5             | 1.93    | 69    | 84962    | 51.62    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 103.24% |
| 11) 1,1-Dichloroethene-d2      | 2.59    | 63    | 119769   | 35.74    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 71.48%  |
| 21) 2-Butanone-d5              | 4.68    | 46    | 161704   | 106.78   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 106.78% |
| 24) Chloroform-d               | 5.11    | 84    | 155252   | 48.33    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 96.66%  |
| 26) 1,2-Dichloroethane-d4      | 5.75    | 65    | 110713   | 50.39    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 100.78% |
| 32) Benzene-d6                 | 5.77    | 84    | 328655   | 50.69    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 101.38% |
| 36) 1,2-Dichloropropane-d6     | 6.73    | 67    | 109974   | 51.10    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 102.20% |
| 41) Toluene-d8                 | 7.93    | 98    | 298296   | 50.24    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 100.48% |
| 43) trans-1,3-Dichloropropene- | 8.21    | 79    | 50434    | 48.94    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 97.88%  |
| 47) 2-Hexanone-d5              | 8.67    | 63    | 123608   | 100.63   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 100.63% |
| 56) 1,1,2,2-Tetrachloroethane- | 10.78   | 84    | 153901   | 48.52    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 97.04%  |
| 66) 1,2-Dichlorobenzene-d4     | 12.21   | 152   | 98656    | 51.42    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 102.84% |

| Target Compounds | Ovalue |
|------------------|--------|
| -----            |        |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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