

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040920\  
 Data File : VU037615.D  
 Acq On : 09 Apr 2020 14:13  
 Operator : JC/MD  
 Sample : VU0409WBL01  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VBLK49

Quant Time: Apr 10 05:01:30 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM040920WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Apr 10 03:10:48 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.28  | 114  | 606451   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.44  | 117  | 572715   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.83 | 152  | 285985   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |        |
|--------------------------------|---------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 1.61    | 65    | 236766   | 44.66    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 89.32% |
| 7) Chloroethane-d5             | 1.93    | 69    | 195746   | 45.69    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 91.38% |
| 11) 1,1-Dichloroethene-d2      | 2.59    | 63    | 300401   | 34.77    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 69.54% |
| 21) 2-Butanone-d5              | 4.66    | 46    | 385069   | 89.65    | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 89.65% |
| 24) Chloroform-d               | 5.10    | 84    | 360130   | 45.20    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 90.40% |
| 26) 1,2-Dichloroethane-d4      | 5.74    | 65    | 250578   | 46.30    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 92.60% |
| 32) Benzene-d6                 | 5.76    | 84    | 798044   | 47.36    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 94.72% |
| 36) 1,2-Dichloropropane-d6     | 6.72    | 67    | 261777   | 46.67    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 93.34% |
| 41) Toluene-d8                 | 7.93    | 98    | 725861   | 46.46    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 92.92% |
| 43) trans-1,3-Dichloropropene- | 8.20    | 79    | 139995   | 46.17    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 92.34% |
| 47) 2-Hexanone-d5              | 8.66    | 63    | 285804   | 89.00    | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 89.00% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.77   | 84    | 356550   | 45.01    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 90.02% |
| 64) 1,2-Dichlorobenzene-d4     | 12.21   | 152   | 265594   | 44.63    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 89.26% |

Target Compounds Ovalue

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

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