

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040620\  
 Data File : VU037595.D  
 Acq On : 06 Apr 2020 17:25  
 Operator : JC/MD  
 Sample : L2158-11  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VHBLK01

Quant Time: Apr 07 03:02:57 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM040320WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Apr 07 00:48:05 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.28  | 114  | 163638   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.44  | 117  | 154166   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.83 | 152  | 72851    | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |        |
|--------------------------------|---------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 1.61    | 65    | 49760    | 37.44    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 74.88% |
| 7) Chloroethane-d5             | 1.93    | 69    | 42985    | 40.26    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 80.52% |
| 11) 1,1-Dichloroethene-d2      | 2.59    | 63    | 70716    | 31.66    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 63.32% |
| 21) 2-Butanone-d5              | 4.66    | 46    | 98345    | 98.46    | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 98.46% |
| 24) Chloroform-d               | 5.10    | 84    | 93185    | 41.62    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 83.24% |
| 26) 1,2-Dichloroethane-d4      | 5.74    | 65    | 64325    | 43.27    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 86.54% |
| 32) Benzene-d6                 | 5.76    | 84    | 194474   | 43.53    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 87.06% |
| 36) 1,2-Dichloropropane-d6     | 6.72    | 67    | 65025    | 43.25    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 86.50% |
| 41) Toluene-d8                 | 7.92    | 98    | 175880   | 42.25    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 84.50% |
| 43) trans-1,3-Dichloropropene- | 8.20    | 79    | 33220    | 40.69    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 81.38% |
| 47) 2-Hexanone-d5              | 8.65    | 63    | 74886    | 94.00    | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 94.00% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.77   | 84    | 98528    | 45.84    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 91.68% |
| 64) 1,2-Dichlorobenzene-d4     | 12.20   | 152   | 65964    | 44.37    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 88.74% |

| Target Compounds |      |    |      |            | Ovalue |
|------------------|------|----|------|------------|--------|
| 25) Chloroform   | 5.12 | 83 | 2953 | 1.534 ug/L | 86     |

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

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