

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030520\  
 Data File : VU037088.D  
 Acq On : 05 Mar 2020 17:18  
 Operator : JC/MD  
 Sample : L1784-04DL 500X  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0AZ2DL

Quant Time: Mar 06 01:06:57 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM022420WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Mar 05 22:35:59 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.28  | 114  | 249146   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.44  | 117  | 234007   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.83 | 152  | 86241    | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.61    | 65    | 74407    | 35.56    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 71.12%  |
| 7) Chloroethane-d5             | 1.93    | 69    | 78973    | 45.62    | ug/L | 0.02    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 91.24%  |
| 11) 1,1-Dichloroethene-d2      | 2.59    | 63    | 106366   | 30.36    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 60.72%  |
| 21) 2-Butanone-d5              | 4.67    | 46    | 144350   | 102.85   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 102.85% |
| 24) Chloroform-d               | 5.11    | 84    | 155559   | 48.69    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 97.38%  |
| 26) 1,2-Dichloroethane-d4      | 5.74    | 65    | 106729   | 49.36    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 98.72%  |
| 32) Benzene-d6                 | 5.76    | 84    | 332189   | 49.09    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 98.18%  |
| 36) 1,2-Dichloropropane-d6     | 6.72    | 67    | 111830   | 51.01    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 102.02% |
| 41) Toluene-d8                 | 7.92    | 98    | 290992   | 46.35    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 92.70%  |
| 43) trans-1,3-Dichloropropene- | 8.20    | 79    | 45416    | 44.58    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 89.16%  |
| 47) 2-Hexanone-d5              | 8.66    | 63    | 97743    | 91.18    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 91.18%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.77   | 84    | 158927   | 51.42    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 102.84% |
| 64) 1,2-Dichlorobenzene-d4     | 12.21   | 152   | 89173    | 52.89    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 105.78% |

| Target Compounds    |      |    |       |             | Ovalue |
|---------------------|------|----|-------|-------------|--------|
| 34) Trichloroethene | 6.57 | 95 | 32693 | 17.993 ug/L | 96     |

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

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