

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042120\  
 Data File : VU037837.D  
 Acq On : 21 Apr 2020 20:01  
 Operator : JC/MD  
 Sample : L2317-07  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VHBLK01

Quant Time: Apr 22 03:40:33 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM042120WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Apr 22 02:16:18 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.28  | 114  | 497662   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.44  | 117  | 479384   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.83 | 152  | 232666   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.61    | 65    | 201996   | 45.41    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 90.82%  |
| 7) Chloroethane-d5             | 1.93    | 69    | 169408   | 46.67    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 93.34%  |
| 11) 1,1-Dichloroethene-d2      | 2.59    | 63    | 259472   | 34.50    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 69.00%  |
| 21) 2-Butanone-d5              | 4.66    | 46    | 384465   | 105.87   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 105.87% |
| 24) Chloroform-d               | 5.10    | 84    | 333441   | 46.45    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 92.90%  |
| 26) 1,2-Dichloroethane-d4      | 5.74    | 65    | 242850   | 49.09    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 98.18%  |
| 32) Benzene-d6                 | 5.76    | 84    | 722335   | 48.61    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 97.22%  |
| 36) 1,2-Dichloropropane-d6     | 6.72    | 67    | 242543   | 48.53    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 97.06%  |
| 41) Toluene-d8                 | 7.92    | 98    | 650930   | 47.90    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 95.80%  |
| 43) trans-1,3-Dichloropropene- | 8.20    | 79    | 119627   | 47.33    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 94.66%  |
| 47) 2-Hexanone-d5              | 8.65    | 63    | 271418   | 103.93   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 103.93% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.77   | 84    | 334183   | 48.61    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 97.22%  |
| 64) 1,2-Dichlorobenzene-d4     | 12.20   | 152   | 239866   | 48.88    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 97.76%  |

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

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

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