

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050620\  
 Data File : VU038024.D  
 Acq On : 06 May 2020 16:36  
 Operator : JC/MD  
 Sample : L2488-06  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VHBLK01

Quant Time: May 07 10:35:26 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM043020WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu May 07 01:04:11 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.28  | 114  | 740155   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.44  | 117  | 728253   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.83 | 152  | 338949   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.61    | 65    | 209084   | 32.12    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 64.24%  |
| 7) Chloroethane-d5             | 1.93    | 69    | 195759   | 36.97    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 73.94%  |
| 11) 1,1-Dichloroethene-d2      | 2.59    | 63    | 276452   | 25.96    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 51.92%# |
| 21) 2-Butanone-d5              | 4.66    | 46    | 445414   | 87.54    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 87.54%  |
| 24) Chloroform-d               | 5.10    | 84    | 391941   | 38.88    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 77.76%  |
| 26) 1,2-Dichloroethane-d4      | 5.74    | 65    | 286711   | 40.94    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 81.88%  |
| 32) Benzene-d6                 | 5.76    | 84    | 844047   | 39.32    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 78.64%  |
| 36) 1,2-Dichloropropane-d6     | 6.72    | 67    | 292775   | 41.14    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 82.28%  |
| 41) Toluene-d8                 | 7.92    | 98    | 760017   | 38.60    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 77.20%# |
| 43) trans-1,3-Dichloropropene- | 8.20    | 79    | 122183   | 36.61    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 73.22%  |
| 47) 2-Hexanone-d5              | 8.65    | 63    | 268724   | 86.82    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 86.82%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.77   | 84    | 416945   | 40.66    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 81.32%  |
| 64) 1,2-Dichlorobenzene-d4     | 12.21   | 152   | 289477   | 40.85    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 81.70%  |

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

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

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