

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080218\  
 Data File : VU025798.D  
 Acq On : 02 Aug 2018 17:40  
 Operator : MD/SY  
 Sample : J4265-06  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VHBLK01

Quant Time: Aug 03 05:57:51 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM072018WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Aug 03 05:43:06 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.89  | 114  | 353502   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 333032   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.49 | 152  | 170961   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.40    | 65    | 79325    | 39.31    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 78.62%  |
| 7) Chloroethane-d5             | 1.68    | 69    | 62863    | 37.76    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 75.52%  |
| 11) 1,1-Dichloroethene-d2      | 2.27    | 63    | 121744   | 28.98    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 57.96%# |
| 21) 2-Butanone-d5              | 4.18    | 46    | 127584   | 81.89    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 81.89%  |
| 24) Chloroform-d               | 4.65    | 84    | 165545   | 36.83    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 73.66%  |
| 26) 1,2-Dichloroethane-d4      | 5.31    | 65    | 116122   | 39.06    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 78.12%  |
| 32) Benzene-d6                 | 5.35    | 84    | 329543   | 38.58    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 77.16%  |
| 36) 1,2-Dichloropropane-d6     | 6.34    | 67    | 105742   | 38.42    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 76.84%  |
| 41) Toluene-d8                 | 7.57    | 98    | 312396   | 38.14    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 76.28%# |
| 43) trans-1,3-Dichloropropene- | 7.85    | 79    | 53815    | 38.28    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 76.56%  |
| 47) 2-Hexanone-d5              | 8.31    | 63    | 93117    | 80.80    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 80.80%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.44   | 84    | 142860   | 37.11    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 74.22%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.86   | 152   | 132917   | 38.36    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 76.72%# |

| Target Compounds |      |    |      |           | Ovalue |
|------------------|------|----|------|-----------|--------|
| 13) Acetone      | 2.32 | 43 | 4921 | 2.69 ug/L | 92     |

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

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