

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090718\  
 Data File : VV007460.D  
 Acq On : 07 Sep 2018 14:47  
 Operator : SY/MD  
 Sample : J4751-01DL 500X  
 Misc : 5.0 mL/MSVOA V/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BEGH2DL

Quant Time: Sep 08 05:31:26 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM090418WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Sep 08 05:06:23 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.67  | 114  | 552191   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.90  | 117  | 550948   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 205372   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 160081   | 40.59    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 81.18%  |
| 7) Chloroethane-d5             | 1.56    | 69    | 125843   | 48.71    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 97.42%  |
| 11) 1,1-Dichloroethene-d2      | 2.13    | 63    | 216864   | 31.21    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 62.42%  |
| 21) 2-Butanone-d5              | 3.96    | 46    | 168933   | 52.66    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 52.66%  |
| 24) Chloroform-d               | 4.41    | 84    | 328492   | 40.26    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 80.52%  |
| 26) 1,2-Dichloroethane-d4      | 5.09    | 65    | 209732   | 42.61    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 85.22%  |
| 32) Benzene-d6                 | 5.10    | 84    | 669345   | 40.31    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 80.62%  |
| 36) 1,2-Dichloropropane-d6     | 6.13    | 67    | 223558   | 40.17    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 80.34%  |
| 41) Toluene-d8                 | 7.36    | 98    | 549855   | 38.47    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 76.94%# |
| 43) trans-1,3-Dichloropropene- | 7.67    | 79    | 89556    | 37.78    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 75.56%  |
| 47) 2-Hexanone-d5              | 8.14    | 63    | 143236   | 65.66    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 65.66%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.27   | 84    | 302363   | 39.78    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 79.56%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.68   | 152   | 205848   | 46.64    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 93.28%  |

| Target Compounds      |      |     |        |            | Ovalue |
|-----------------------|------|-----|--------|------------|--------|
| 46) Tetrachloroethene | 8.02 | 164 | 237297 | 68.60 ug/L | 98     |

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

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