

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092318\  
 Data File : VV007763.D  
 Acq On : 23 Sep 2018 03:50  
 Operator : SY/MD  
 Sample : VV0923WBL02  
 Misc : 5.0 mL/MSVOA V/WATER  
 ALS Vial : 37 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VBLK63

Quant Time: Sep 24 06:44:24 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM092318WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Mon Sep 24 05:16:03 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.67  | 114  | 186233   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.90  | 117  | 176731   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 92706    | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 48556    | 47.97    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 95.94%  |
| 7) Chloroethane-d5             | 1.59    | 69    | 47943    | 52.12    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 104.24% |
| 11) 1,1-Dichloroethene-d2      | 2.14    | 63    | 92010    | 38.56    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 77.12%  |
| 21) 2-Butanone-d5              | 3.95    | 46    | 63766    | 95.39    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 95.39%  |
| 24) Chloroform-d               | 4.41    | 84    | 99172    | 45.76    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 91.52%  |
| 26) 1,2-Dichloroethane-d4      | 5.09    | 65    | 70731    | 51.17    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 102.34% |
| 32) Benzene-d6                 | 5.11    | 84    | 210327   | 51.78    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 103.56% |
| 36) 1,2-Dichloropropane-d6     | 6.13    | 67    | 62195    | 51.84    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 103.68% |
| 41) Toluene-d8                 | 7.36    | 98    | 215741   | 50.82    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 101.64% |
| 43) trans-1,3-Dichloropropene- | 7.67    | 79    | 26018    | 43.02    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 86.04%  |
| 47) 2-Hexanone-d5              | 8.14    | 63    | 47897    | 90.67    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 90.67%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.27   | 84    | 90943    | 48.57    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 97.14%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.68   | 152   | 97102    | 50.92    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 101.84% |

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

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

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