

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_U\DATA\VU011119\  
 Data File : VU029132.D  
 Acq On : 11 Jan 2019 10:14  
 Operator : MD/SY  
 Sample : VU0111WBL01  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VBLK49

Quant Time: Jan 11 22:18:04 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR122818WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Fri Jan 11 22:10:09 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.88  | 114  | 136130   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 129181   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 55001    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.40   | 65    | 42333    | 5.81     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 116.20% |
| 7) Chloroethane-d5             | 1.68   | 69    | 36566    | 5.75     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 115.00% |
| 11) 1,1-Dichloroethene-d2      | 2.27   | 63    | 58937    | 3.82     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 76.40%  |
| 20) 2-Butanone-d5              | 4.22   | 46    | 119858   | 62.95    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 125.90% |
| 24) Chloroform-d               | 4.64   | 84    | 77168    | 5.45     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 109.00% |
| 26) 1,2-Dichloroethane-d4      | 5.31   | 65    | 39836    | 5.51     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 110.20% |
| 32) Benzene-d6                 | 5.34   | 84    | 166767   | 5.52     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 110.40% |
| 36) 1,2-Dichloropropane-d6     | 6.33   | 67    | 55695    | 5.77     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 115.40% |
| 41) Toluene-d8                 | 7.56   | 98    | 143782   | 5.14     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 102.80% |
| 43) trans-1,3-Dichloropropene- | 7.85   | 79    | 20707    | 5.70     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 114.00% |
| 46) 2-Hexanone-d5              | 8.31   | 63    | 102037   | 61.66    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 123.32% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43  | 84    | 42309    | 5.51     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 110.20% |
| 64) 1,2-Dichlorobenzene-d4     | 11.86  | 152   | 51917    | 5.64     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 112.80% |

| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

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

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