

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041919\  
 Data File : VU031312.D  
 Acq On : 18 Apr 2019 17:18  
 Operator : JC/SP  
 Sample : K2451-01  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 YAMX0

Quant Time: Apr 19 05:26:46 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR041919WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Fri Apr 19 04:38:37 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.88  | 114  | 191708   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 192005   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 86014    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.40   | 65    | 98656    | 4.56     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 91.20%  |
| 7) Chloroethane-d5             | 1.68   | 69    | 81748    | 4.75     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 95.00%  |
| 11) 1,1-Dichloroethene-d2      | 2.27   | 63    | 150890   | 3.56     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 71.20%  |
| 20) 2-Butanone-d5              | 4.20   | 46    | 210697   | 50.99    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 101.98% |
| 24) Chloroform-d               | 4.64   | 84    | 135506   | 5.02     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 100.40% |
| 26) 1,2-Dichloroethane-d4      | 5.31   | 65    | 75752    | 5.19     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 103.80% |
| 32) Benzene-d6                 | 5.34   | 84    | 254146   | 4.75     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 95.00%  |
| 36) 1,2-Dichloropropane-d6     | 6.33   | 67    | 84095    | 5.00     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 100.00% |
| 41) Toluene-d8                 | 7.56   | 98    | 212202   | 4.44     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 88.80%  |
| 43) trans-1,3-Dichloropropene- | 7.85   | 79    | 37973    | 5.64     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 112.80% |
| 46) 2-Hexanone-d5              | 8.32   | 63    | 155055   | 49.79    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 99.58%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43  | 84    | 70208    | 4.98     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 99.60%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.86  | 152   | 95042    | 5.67     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 113.40% |

## Target Compounds

|                            |      |     |        |        | Ovalue   |
|----------------------------|------|-----|--------|--------|----------|
| 2) Dichlorodifluoromethane | 1.20 | 85  | 47761  | 2.166  | ug/L 100 |
| 9) Trichlorofluoromethane  | 1.88 | 101 | 26827  | 0.702  | ug/L 97  |
| 13) Acetone                | 2.34 | 43  | 17959  | 3.907  | ug/L 97  |
| 19) 1,1-Dichloroethane     | 3.44 | 63  | 12549  | 0.414  | ug/L 95  |
| 34) Trichloroethene        | 6.18 | 95  | 35508  | 2.016  | ug/L 94  |
| 47) Tetrachloroethene      | 8.22 | 164 | 136429 | 10.394 | ug/L 97  |

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

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