

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU121119\  
 Data File : VU036144.D  
 Acq On : 11 Dec 2019 20:14  
 Operator : JC/MD  
 Sample : K6214-07  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BD809

Quant Time: Dec 12 08:06:10 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR120919WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Thu Dec 12 06:08:55 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.29  | 114  | 285123   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.45  | 117  | 308461   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.83 | 152  | 90799    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.61   | 65    | 119874   | 4.72     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 94.40%  |
| 7) Chloroethane-d5             | 1.92   | 69    | 119869   | 4.49     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 89.80%  |
| 11) 1,1-Dichloroethene-d2      | 2.59   | 63    | 128750   | 2.77     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 55.40%# |
| 20) 2-Butanone-d5              | 4.68   | 46    | 270554   | 62.48    | ug/L | -0.01   |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 124.96% |
| 24) Chloroform-d               | 5.11   | 84    | 209095   | 5.07     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 101.40% |
| 26) 1,2-Dichloroethane-d4      | 5.75   | 65    | 107600   | 5.04     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 100.80% |
| 32) Benzene-d6                 | 5.77   | 84    | 378801   | 4.85     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 97.00%  |
| 36) 1,2-Dichloropropane-d6     | 6.73   | 67    | 124438   | 5.29     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 105.80% |
| 41) Toluene-d8                 | 7.93   | 98    | 293043   | 4.07     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 81.40%  |
| 43) trans-1,3-Dichloropropene- | 8.21   | 79    | 43195    | 4.40     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 88.00%  |
| 46) 2-Hexanone-d5              | 8.67   | 63    | 198458   | 55.89    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 111.78% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.78  | 84    | 116133   | 5.36     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 107.20% |
| 64) 1,2-Dichlorobenzene-d4     | 12.22  | 152   | 89504    | 5.12     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 102.40% |

## Target Compounds

|                          |       |     |        |       | Ovalue    |
|--------------------------|-------|-----|--------|-------|-----------|
| 3) Chloromethane         | 1.53  | 50  | 12351  | 0.451 | ug/L 100  |
| 25) Chloroform           | 5.13  | 83  | 122268 | 2.887 | ug/L 99   |
| 49) Dibromochloromethane | 8.84  | 129 | 5869   | 0.266 | ug/L 97   |
| 61) Bromoform            | 10.32 | 173 | 7271   | 0.805 | ug/L # 86 |

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

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