

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100820\  
 Data File : VU040564.D  
 Acq On : 08 Oct 2020 16:24  
 Operator : SY/MD  
 Sample : L4209-10  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Oct 09 02:32:10 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR100820WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Fri Oct 09 01:55:27 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.26  | 114  | 139621   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.42  | 117  | 142132   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.81 | 152  | 64156    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |        |
|--------------------------------|--------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 1.60   | 65    | 55650    | 4.81     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 96.20% |
| 7) Chloroethane-d5             | 1.92   | 69    | 43339    | 4.86     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 97.20% |
| 11) 1,1-Dichloroethene-d2      | 2.58   | 63    | 81114    | 3.59     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 71.80% |
| 20) 2-Butanone-d5              | 4.66   | 46    | 182469   | 49.29    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 98.58% |
| 24) Chloroform-d               | 5.08   | 84    | 95305    | 4.69     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 93.80% |
| 26) 1,2-Dichloroethane-d4      | 5.72   | 65    | 58426    | 4.72     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 94.40% |
| 32) Benzene-d6                 | 5.74   | 84    | 183040   | 4.78     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 95.60% |
| 36) 1,2-Dichloropropane-d6     | 6.70   | 67    | 60942    | 4.79     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 95.80% |
| 41) Toluene-d8                 | 7.90   | 98    | 152224   | 4.43     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 88.60% |
| 43) trans-1,3-Dichloropropene- | 8.18   | 79    | 24874    | 4.61     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 92.20% |
| 46) 2-Hexanone-d5              | 8.64   | 63    | 130164   | 46.85    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 93.70% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.75  | 84    | 50511    | 4.42     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 88.40% |
| 64) 1,2-Dichlorobenzene-d4     | 12.19  | 152   | 58315    | 4.90     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 98.00% |

| Target Compounds |      |    |        |            | Ovalue |
|------------------|------|----|--------|------------|--------|
| 3) Chloromethane | 1.53 | 50 | 1325   | 0.112 ug/L | 100    |
| 13) Acetone      | 2.67 | 43 | 14059m | 4.899 ug/L |        |

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

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