

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102219\  
 Data File : VU035332.D  
 Acq On : 21 Oct 2019 20:06  
 Operator : JC/SP  
 Sample : K5421-04  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0AA3

Quant Time: Oct 22 07:13:25 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR101719WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Tue Oct 22 06:40:31 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.29  | 114  | 294065   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.45  | 117  | 287083   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.84 | 152  | 106353   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |        |
|--------------------------------|--------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 1.62   | 65    | 76406    | 4.26     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 85.20% |
| 7) Chloroethane-d5             | 1.93   | 69    | 74504    | 4.54     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 90.80% |
| 11) 1,1-Dichloroethene-d2      | 2.59   | 63    | 108580   | 3.28     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 65.60% |
| 20) 2-Butanone-d5              | 4.71   | 46    | 239318   | 46.44    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 92.88% |
| 24) Chloroform-d               | 5.11   | 84    | 158481   | 4.84     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 96.80% |
| 26) 1,2-Dichloroethane-d4      | 5.75   | 65    | 88133    | 4.85     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 97.00% |
| 32) Benzene-d6                 | 5.77   | 84    | 310681   | 4.73     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 94.60% |
| 36) 1,2-Dichloropropane-d6     | 6.74   | 67    | 102576   | 4.92     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 98.40% |
| 41) Toluene-d8                 | 7.93   | 98    | 276763   | 4.41     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 88.20% |
| 43) trans-1,3-Dichloropropene- | 8.22   | 79    | 38319    | 3.79     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 75.80% |
| 46) 2-Hexanone-d5              | 8.69   | 63    | 182318   | 40.87    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 81.74% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.79  | 84    | 86118    | 4.64     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 92.80% |
| 64) 1,2-Dichlorobenzene-d4     | 12.22  | 152   | 90199    | 4.66     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 93.20% |

## Target Compounds

|                            |       |     |       |       | Ovalue  |
|----------------------------|-------|-----|-------|-------|---------|
| 13) Acetone                | 2.67  | 43  | 10668 | 2.976 | ug/L 99 |
| 22) cis-1,2-Dichloroethene | 4.72  | 96  | 2845  | 0.126 | ug/L 99 |
| 27) 1,2-Dichloroethane     | 5.84  | 62  | 4546  | 0.183 | ug/L 96 |
| 42) Toluene                | 8.00  | 91  | 16526 | 0.177 | ug/L 93 |
| 51) Chlorobenzene          | 9.48  | 112 | 85130 | 1.414 | ug/L 99 |
| 63) 1,4-Dichlorobenzene    | 11.87 | 146 | 3683  | 0.103 | ug/L 94 |
| 65) 1,2-Dichlorobenzene    | 12.24 | 146 | 33978 | 0.997 | ug/L 98 |

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

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