

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102219\  
 Data File : VU035336.D  
 Acq On : 21 Oct 2019 21:45  
 Operator : JC/SP  
 Sample : K5421-08  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0AA8

Quant Time: Oct 22 07:24:15 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  | 296927   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.45  | 117  | 297694   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.84 | 152  | 109273   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.62   | 65    | 80366    | 4.44     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 88.80%  |
| 7) Chloroethane-d5             | 1.93   | 69    | 80386    | 4.86     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 97.20%  |
| 11) 1,1-Dichloroethene-d2      | 2.59   | 63    | 115728   | 3.46     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 69.20%  |
| 20) 2-Butanone-d5              | 4.71   | 46    | 254419   | 48.90    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 97.80%  |
| 24) Chloroform-d               | 5.11   | 84    | 170473   | 5.15     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 103.00% |
| 26) 1,2-Dichloroethane-d4      | 5.75   | 65    | 92561    | 5.05     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 101.00% |
| 32) Benzene-d6                 | 5.77   | 84    | 329348   | 4.84     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 96.80%  |
| 36) 1,2-Dichloropropane-d6     | 6.74   | 67    | 110999   | 5.13     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 102.60% |
| 41) Toluene-d8                 | 7.93   | 98    | 292411   | 4.49     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 89.80%  |
| 43) trans-1,3-Dichloropropene- | 8.22   | 79    | 41019    | 3.91     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 78.20%  |
| 46) 2-Hexanone-d5              | 8.69   | 63    | 199625   | 43.15    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 86.30%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.79  | 84    | 92813    | 4.82     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 96.40%  |
| 64) 1,2-Dichlorobenzene-d4     | 12.22  | 152   | 97514    | 4.90     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 98.00%  |

| Target Compounds        |       |     |       |            | Ovalue |
|-------------------------|-------|-----|-------|------------|--------|
| 13) Acetone             | 2.67  | 43  | 8677  | 2.398 ug/L | 94     |
| 51) Chlorobenzene       | 9.48  | 112 | 20737 | 0.332 ug/L | 97     |
| 65) 1,2-Dichlorobenzene | 12.24 | 146 | 19546 | 0.558 ug/L | 97     |

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

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