

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU102419\  
 Data File : VU035473.D  
 Acq On : 24 Oct 2019 21:01  
 Operator : JC/SP  
 Sample : K5488-03DL 40X  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 H0G34DL

Quant Time: Oct 25 08:43:29 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR101719WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Fri Oct 25 07:04:30 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.29  | 114  | 209704   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.45  | 117  | 215608   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.84 | 152  | 63182    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.62   | 65    | 48433    | 3.79     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 75.80%  |
| 7) Chloroethane-d5             | 1.93   | 69    | 52207    | 4.47     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 89.40%  |
| 11) 1,1-Dichloroethene-d2      | 2.60   | 63    | 66811    | 2.83     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 56.60%# |
| 20) 2-Butanone-d5              | 4.70   | 46    | 223783   | 60.90    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 121.80% |
| 24) Chloroform-d               | 5.11   | 84    | 115323   | 4.94     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 98.80%  |
| 26) 1,2-Dichloroethane-d4      | 5.75   | 65    | 69973    | 5.40     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 108.00% |
| 32) Benzene-d6                 | 5.77   | 84    | 201518   | 4.09     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 81.80%  |
| 36) 1,2-Dichloropropane-d6     | 6.74   | 67    | 79680    | 5.09     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 101.80% |
| 41) Toluene-d8                 | 7.93   | 98    | 153742   | 3.26     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 65.20%# |
| 43) trans-1,3-Dichloropropene- | 8.22   | 79    | 25682    | 3.38     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 67.60%  |
| 46) 2-Hexanone-d5              | 8.70   | 63    | 143821   | 42.92    | ug/L | 0.02    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 85.84%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.79  | 84    | 75440    | 5.41     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 108.20% |
| 64) 1,2-Dichlorobenzene-d4     | 12.22  | 152   | 50426    | 4.38     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 87.60%  |

| Target Compounds            |      |    |        |            | Ovalue |
|-----------------------------|------|----|--------|------------|--------|
| 17) Methyl tert-butyl Ether | 3.43 | 73 | 224564 | 6.193 ug/L | 97     |

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

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