

Data File : VU036163.D  
Acq On : 12 Dec 2019 21:12  
Operator : JC/MD  
Sample : K6273-06  
Misc : 25.0mL/MSVOA\_U/WATER  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :

Quant Time: Dec 13 03:40:13 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR121219WMA.M  
Quant Title : TRACE VOA SOM01.0  
QLast Update : Fri Dec 13 02:41:23 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.29  | 114  | 248729   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.45  | 117  | 280901   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.83 | 152  | 108935   | 5.00 | ug/L  | 0.00     |

#### System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.61   | 65    | 131492   | 5.21     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 104.20% |
| 7) Chloroethane-d5             | 1.93   | 69    | 114287   | 5.16     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 103.20% |
| 11) 1,1-Dichloroethene-d2      | 2.59   | 63    | 135923   | 4.09     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 81.80%  |
| 20) 2-Butanone-d5              | 4.71   | 46    | 247705   | 61.17    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 122.34% |
| 24) Chloroform-d               | 5.11   | 84    | 191013   | 5.22     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 104.40% |
| 26) 1,2-Dichloroethane-d4      | 5.75   | 65    | 101763   | 5.48     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 109.60% |
| 32) Benzene-d6                 | 5.77   | 84    | 346546   | 4.62     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 92.40%  |
| 36) 1,2-Dichloropropane-d6     | 6.73   | 67    | 115615   | 4.95     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 99.00%  |
| 41) Toluene-d8                 | 7.93   | 98    | 280165   | 4.04     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 80.80%  |
| 43) trans-1,3-Dichloropropene- | 8.21   | 79    | 43323    | 4.44     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 88.80%  |
| 46) 2-Hexanone-d5              | 8.68   | 63    | 193446   | 53.87    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 107.74% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.78  | 84    | 112505   | 5.40     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 108.00% |
| 64) 1,2-Dichlorobenzene-d4     | 12.22  | 152   | 109800   | 5.30     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 106.00% |

| Target Compounds     |      |    |        |       | Qvalue    |
|----------------------|------|----|--------|-------|-----------|
| 13) Acetone          | 2.70 | 43 | 13927m | 3.953 | ug/L      |
| 14) Carbon disulfide | 2.82 | 76 | 8365   | 0.134 | ug/L # 93 |

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

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