

Data File : VU031488.D  
Acq On : 24 Apr 2019 22:22  
Operator : JC/SP  
Sample : K2536-08  
Misc : 25.0mL/MSVOA\_U/WATER  
ALS Vial : 33 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :

Quant Time: Apr 25 07:21:32 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR042419WMA.M  
Quant Title : TRACE VOA SOM01.0  
QLast Update : Thu Apr 25 06:05:25 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.88  | 114  | 296097   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 299116   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 113653   | 5.00 | ug/L  | 0.00     |

#### System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.39   | 65    | 125810   | 5.30     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 106.00% |
| 7) Chloroethane-d5             | 1.68   | 69    | 100144   | 5.54     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 110.80% |
| 11) 1,1-Dichloroethene-d2      | 2.27   | 63    | 184204   | 4.13     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 82.60%  |
| 20) 2-Butanone-d5              | 4.21   | 46    | 360214   | 56.68    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 113.36% |
| 24) Chloroform-d               | 4.64   | 84    | 216365   | 5.76     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 115.20% |
| 26) 1,2-Dichloroethane-d4      | 5.31   | 65    | 120213   | 6.01     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 120.20% |
| 32) Benzene-d6                 | 5.33   | 84    | 416652   | 5.13     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 102.60% |
| 36) 1,2-Dichloropropane-d6     | 6.33   | 67    | 152057   | 5.76     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 115.20% |
| 41) Toluene-d8                 | 7.56   | 98    | 351827   | 4.89     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 97.80%  |
| 43) trans-1,3-Dichloropropene- | 7.85   | 79    | 50589    | 4.89     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 97.80%  |
| 46) 2-Hexanone-d5              | 8.31   | 63    | 260793   | 51.11    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 102.22% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43  | 84    | 112878   | 5.37     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 107.40% |
| 64) 1,2-Dichlorobenzene-d4     | 11.86  | 152   | 111095   | 5.47     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 109.40% |

#### Target Compounds

|                              |      |     |           |          |      | Qvalue |
|------------------------------|------|-----|-----------|----------|------|--------|
| 9) Trichlorofluoromethane    | 1.88 | 101 | 866395    | 24.348   | ug/L | 99     |
| 13) Acetone                  | 2.35 | 43  | 10450     | 2.314    | ug/L | 91     |
| 16) Methylene chloride       | 2.70 | 84  | 3722      | 0.160    | ug/L | 82     |
| 18) trans-1,2-Dichloroethene | 2.97 | 96  | 5604      | 0.259    | ug/L | 98     |
| 22) cis-1,2-Dichloroethene   | 4.22 | 96  | 144061    | 6.426    | ug/L | 95     |
| 31) Carbon tetrachloride     | 5.13 | 117 | 17885     | 0.608    | ug/L | 93     |
| 34) Trichloroethene          | 6.17 | 95  | 27450025m | 1126.865 | ug/L |        |
| 47) Tetrachloroethene        | 8.22 | 164 | 534968    | 31.430   | ug/L | 98     |

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

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