

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR092618\  
 Data File : VR025868.D  
 Acq On : 26 Sep 2018 18:43  
 Operator : SY/MD  
 Sample : J5011-07  
 Misc : 25mL/MSVOA R/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_R  
 ClientSampleId :  
 VHBLK01

Quant Time: Sep 27 08:34:58 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_R\METHODS\SOMRTR092118WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Thu Sep 27 07:50:08 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.46  | 114  | 332425   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.29 | 117  | 273300   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.23 | 152  | 89185    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 2.15   | 65    | 117189   | 4.92     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 98.40%  |
| 7) Chloroethane-d5             | 2.63   | 69    | 99035    | 5.30     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 106.00% |
| 11) 1,1-Dichloroethene-d2      | 3.63   | 63    | 218247   | 3.79     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 75.80%  |
| 20) 2-Butanone-d5              | 6.59   | 46    | 180714   | 56.95    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 113.90% |
| 24) Chloroform-d               | 7.20   | 84    | 225652   | 4.52     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 90.40%  |
| 26) 1,2-Dichloroethane-d4      | 7.90   | 65    | 103838   | 4.82     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 96.40%  |
| 32) Benzene-d6                 | 7.85   | 84    | 468492   | 4.62     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 92.40%  |
| 36) 1,2-Dichloropropane-d6     | 8.90   | 67    | 133540   | 4.82     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 96.40%  |
| 41) Toluene-d8                 | 9.97   | 98    | 423643   | 4.64     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 92.80%  |
| 43) trans-1,3-Dichloropropene- | 10.24  | 79    | 25342    | 3.31     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 66.20%  |
| 46) 2-Hexanone-d5              | 10.59  | 63    | 136485   | 53.37    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 106.74% |
| 57) 1,1,2,2-Tetrachloroethane- | 12.36  | 84    | 52235    | 4.96     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 99.20%  |
| 64) 1,2-Dichlorobenzene-d4     | 13.52  | 152   | 71029    | 4.66     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 93.20%  |

## Target Compounds

| Target Compounds        | R.T.  | QIon | Response | Conc  | Units  | Ovalue |
|-------------------------|-------|------|----------|-------|--------|--------|
| 13) Acetone             | 3.70  | 43   | 15586    | 7.443 | ug/L   | 88     |
| 15) Methyl Acetate      | 4.20  | 43   | 1453     | 0.216 | ug/L # | 58     |
| 16) Methylene chloride  | 4.41  | 84   | 7083     | 0.275 | ug/L   | 96     |
| 35) Methylcyclohexane   | 8.90  | 83   | 30802    | 0.493 | ug/L # | 15     |
| 37) 1,2-Dichloropropane | 8.90  | 63   | 16356    | 0.511 | ug/L # | 92     |
| 48) 2-Hexanone          | 10.59 | 43   | 19813    | 2.705 | ug/L # | 71     |

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

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