

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR101818\  
 Data File : VR026131.D  
 Acq On : 18 Oct 2018 13:27  
 Operator : SY/MD  
 Sample : J5464-05  
 Misc : 25mL/MSVOA R/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_R  
 ClientSampleId :  
 C0JE0

Quant Time: Oct 19 04:55:31 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_R\METHODS\SOMRTR101518WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Fri Oct 19 04:39:21 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.46  | 114  | 540287   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.29 | 117  | 460679   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.23 | 152  | 141739   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 2.15   | 65    | 232157   | 4.91     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 98.20%  |
| 7) Chloroethane-d5             | 2.63   | 69    | 212361   | 5.22     | ug/L | 0.01    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 104.40% |
| 11) 1,1-Dichloroethene-d2      | 3.61   | 63    | 456188   | 3.93     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 78.60%  |
| 20) 2-Butanone-d5              | 6.59   | 46    | 203010   | 52.30    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 104.60% |
| 24) Chloroform-d               | 7.20   | 84    | 351537   | 4.68     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 93.60%  |
| 26) 1,2-Dichloroethane-d4      | 7.89   | 65    | 149342   | 4.78     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 95.60%  |
| 32) Benzene-d6                 | 7.85   | 84    | 709697   | 4.79     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 95.80%  |
| 36) 1,2-Dichloropropane-d6     | 8.90   | 67    | 196364   | 5.14     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 102.80% |
| 41) Toluene-d8                 | 9.97   | 98    | 667579   | 4.78     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 95.60%  |
| 43) trans-1,3-Dichloropropene- | 10.23  | 79    | 41366    | 4.13     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 82.60%  |
| 46) 2-Hexanone-d5              | 10.59  | 63    | 163604   | 56.52    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 113.04% |
| 57) 1,1,2,2-Tetrachloroethane- | 12.36  | 84    | 68992    | 4.60     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 92.00%  |
| 64) 1,2-Dichlorobenzene-d4     | 13.51  | 152   | 118599   | 5.29     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 105.80% |

## Target Compounds

|                              |       |     |        | Ovalue       |    |
|------------------------------|-------|-----|--------|--------------|----|
| 12) 1,1-Dichloroethene       | 3.61  | 96  | 25240  | 0.480 ug/L # | 1  |
| 13) Acetone                  | 3.70  | 43  | 10219  | 2.546 ug/L   | 93 |
| 18) trans-1,2-Dichloroethene | 4.88  | 96  | 10443  | 0.263 ug/L # | 83 |
| 22) cis-1,2-Dichloroethene   | 6.69  | 96  | 14350  | 0.382 ug/L # | 99 |
| 34) Trichloroethene          | 8.71  | 95  | 628508 | 14.206 ug/L  | 97 |
| 47) Tetrachloroethene        | 10.51 | 164 | 33663  | 1.065 ug/L   | 97 |

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

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