

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR091218\  
 Data File : VR025694.D  
 Acq On : 12 Sep 2018 14:48  
 Operator : SY/MD  
 Sample : J4863-14  
 Misc : 25mL/MSVOA R/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_R  
 ClientSampleId :  
 C0KP8

Quant Time: Sep 13 04:27:07 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_R\METHODS\SOMRTR090718WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Thu Sep 13 03:48:20 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.46  | 114  | 617517   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.29 | 117  | 523118   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.23 | 152  | 148041   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |          |
|--------------------------------|--------|-------|----------|----------|------|----------|
| 4) Vinyl Chloride-d3           | 2.17   | 65    | 101999   | 3.80     | ug/L | 0.01     |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 76.00%   |
| 7) Chloroethane-d5             | 2.62   | 69    | 103681   | 4.72     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 94.40%   |
| 11) 1,1-Dichloroethene-d2      | 3.62   | 63    | 223812   | 3.05     | ug/L | -0.01    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 61.00%   |
| 20) 2-Butanone-d5              | 6.60   | 46    | 179729   | 66.31    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 132.62%# |
| 24) Chloroform-d               | 7.20   | 84    | 295888   | 4.82     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 96.40%   |
| 26) 1,2-Dichloroethane-d4      | 7.89   | 65    | 104921   | 5.04     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 100.80%  |
| 32) Benzene-d6                 | 7.85   | 84    | 638892   | 4.52     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 90.40%   |
| 36) 1,2-Dichloropropane-d6     | 8.90   | 67    | 188716   | 4.95     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 99.00%   |
| 41) Toluene-d8                 | 9.97   | 98    | 536573   | 3.97     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 79.40%   |
| 43) trans-1,3-Dichloropropene- | 10.24  | 79    | 35871    | 3.81     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 76.20%   |
| 46) 2-Hexanone-d5              | 10.59  | 63    | 181414   | 64.51    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 129.02%  |
| 57) 1,1,2,2-Tetrachloroethane- | 12.36  | 84    | 83288    | 5.00     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 100.00%  |
| 64) 1,2-Dichlorobenzene-d4     | 13.52  | 152   | 130113   | 6.20     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 124.00%# |

| Target Compounds | Ovalue |
|------------------|--------|
| -----            |        |

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR091218\  
Data File : VR025694.D  
Acq On : 12 Sep 2018 14:48  
Operator : SY/MD  
Sample : J4863-14  
Misc : 25mL/MSVOA R/WATER  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_R  
ClientSampleId :  
C0KP8

Quant Time: Sep 13 04:27:07 2018  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_R\METHODS\SOMRTR090718WMA.M  
Quant Title : TRACE VOA SOM01.0  
QLast Update : Thu Sep 13 03:48:20 2018  
Response via : Initial Calibration

