

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR091818\  
 Data File : VR025762.D  
 Acq On : 18 Sep 2018 19:51  
 Operator : SY/MD  
 Sample : J4874-22  
 Misc : 25mL/MSVOA R/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_R  
 ClientSampleId :  
 A3ZB1

Quant Time: Sep 19 09:37:00 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_R\METHODS\SOMRTR091718WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Mon Sep 17 16:10:44 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.46  | 114  | 664018   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.29 | 117  | 575504   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.23 | 152  | 166101   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |          |
|--------------------------------|--------|-------|----------|----------|------|----------|
| 4) Vinyl Chloride-d3           | 2.15   | 65    | 147713   | 4.07     | ug/L | -0.01    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 81.40%   |
| 7) Chloroethane-d5             | 2.63   | 69    | 121960   | 3.97     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 79.40%   |
| 11) 1,1-Dichloroethene-d2      | 3.63   | 63    | 289460   | 3.14     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 62.80%   |
| 20) 2-Butanone-d5              | 6.59   | 46    | 153923   | 53.66    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 107.32%  |
| 24) Chloroform-d               | 7.20   | 84    | 373260   | 4.59     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 91.80%   |
| 26) 1,2-Dichloroethane-d4      | 7.90   | 65    | 135991   | 4.87     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 97.40%   |
| 32) Benzene-d6                 | 7.85   | 84    | 835527   | 4.61     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 92.20%   |
| 36) 1,2-Dichloropropane-d6     | 8.90   | 67    | 234818   | 4.90     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 98.00%   |
| 41) Toluene-d8                 | 9.97   | 98    | 733592   | 4.45     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 89.00%   |
| 43) trans-1,3-Dichloropropene- | 10.23  | 79    | 43619    | 3.96     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 79.20%   |
| 46) 2-Hexanone-d5              | 10.59  | 63    | 182351   | 59.19    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 118.38%  |
| 57) 1,1,2,2-Tetrachloroethane- | 12.36  | 84    | 103240   | 4.56     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 91.20%   |
| 64) 1,2-Dichlorobenzene-d4     | 13.52  | 152   | 164358   | 6.15     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 123.00%# |

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

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR091818\  
Data File : VR025762.D  
Acq On : 18 Sep 2018 19:51  
Operator : SY/MD  
Sample : J4874-22  
Misc : 25mL/MSVOA R/WATER  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_R  
ClientSampleId :  
A3ZB1

Quant Time: Sep 19 09:37:00 2018  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_R\METHODS\SOMRTR091718WMA.M  
Quant Title : TRACE VOA SOM01.0  
QLast Update : Mon Sep 17 16:10:44 2018  
Response via : Initial Calibration

