

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_V\DATA\VV112918\  
 Data File : VV008770.D  
 Acq On : 29 Nov 2018 17:56  
 Operator : SY/MD  
 Sample : J6076-09  
 Misc : 25.0 mL/MSVOA\_V/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 YALR3

Quant Time: Nov 30 05:51:53 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR112918WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Fri Nov 30 04:55:05 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.67  | 114  | 159427   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.90  | 117  | 145977   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 64543    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 44       | 0.00     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 0.00%#  |
| 7) Chloroethane-d5             | 1.59   | 69    | 36003    | 4.59     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 91.80%  |
| 11) 1,1-Dichloroethene-d2      | 2.13   | 63    | 34147    | 1.80     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 36.00%# |
| 20) 2-Butanone-d5              | 3.98   | 46    | 119436   | 48.35    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 96.70%  |
| 24) Chloroform-d               | 4.41   | 84    | 100836   | 4.62     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 92.40%  |
| 26) 1,2-Dichloroethane-d4      | 5.09   | 65    | 50532    | 4.83     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 96.60%  |
| 32) Benzene-d6                 | 5.10   | 84    | 214109   | 4.81     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 96.20%  |
| 36) 1,2-Dichloropropane-d6     | 6.12   | 67    | 62182    | 4.64     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 92.80%  |
| 41) Toluene-d8                 | 7.36   | 98    | 114727   | 2.79     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 55.80%# |
| 43) trans-1,3-Dichloropropene- | 7.67   | 79    | 16795    | 3.74     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 74.80%  |
| 46) 2-Hexanone-d5              | 8.14   | 63    | 88488    | 47.34    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 94.68%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.27  | 84    | 38388    | 4.53     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 90.60%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.68  | 152   | 66040    | 4.97     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 99.40%  |

| Target Compounds         |      |    |      |              | Qvalue |
|--------------------------|------|----|------|--------------|--------|
| 38) Bromodichloromethane | 6.56 | 83 | 4634 | 0.373 ug/L # | 98     |

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

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