

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR110818\  
 Data File : VR026212.D  
 Acq On : 8 Nov 2018 12:55  
 Operator : SY/MD  
 Sample : J5801-07  
 Misc : 25mL/MSVOA R/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_R  
 ClientSampleId :  
 VHBLK01

Quant Time: Nov 12 06:58:05 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_R\METHODS\SOMRTR101518WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Tue Nov 06 15:50:53 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.46  | 114  | 521988   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.29 | 117  | 435653   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.23 | 152  | 136642   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 2.15   | 65    | 250499   | 5.48     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 109.60% |
| 7) Chloroethane-d5             | 2.62   | 69    | 225977   | 5.75     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 115.00% |
| 11) 1,1-Dichloroethene-d2      | 3.60   | 63    | 474088   | 4.23     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 84.60%  |
| 20) 2-Butanone-d5              | 6.58   | 46    | 214617   | 57.22    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 114.44% |
| 24) Chloroform-d               | 7.20   | 84    | 391206   | 5.39     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 107.80% |
| 26) 1,2-Dichloroethane-d4      | 7.90   | 65    | 164393   | 5.44     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 108.80% |
| 32) Benzene-d6                 | 7.85   | 84    | 784350   | 5.60     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 112.00% |
| 36) 1,2-Dichloropropane-d6     | 8.90   | 67    | 205869   | 5.69     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 113.80% |
| 41) Toluene-d8                 | 9.97   | 98    | 736626   | 5.57     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 111.40% |
| 43) trans-1,3-Dichloropropene- | 10.24  | 79    | 47660    | 5.03     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 100.60% |
| 46) 2-Hexanone-d5              | 10.59  | 63    | 159852   | 58.39    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 116.78% |
| 57) 1,1,2,2-Tetrachloroethane- | 12.36  | 84    | 74651    | 5.26     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 105.20% |
| 64) 1,2-Dichlorobenzene-d4     | 13.52  | 152   | 126138   | 5.84     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 116.80% |

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

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

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