

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV113018\  
 Data File : VV008815.D  
 Acq On : 30 Nov 2018 16:09  
 Operator : SY/MD  
 Sample : J6155-06  
 Misc : 25.0 mL/MSVOA\_V/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 A4178

Quant Time: Dec 07 22:59:29 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR112918WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Sat Dec 01 03:50:55 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.67  | 114  | 138806   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.90  | 117  | 130883   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 59039    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 43104    | 4.49     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 89.80%  |
| 7) Chloroethane-d5             | 1.59   | 69    | 31313    | 4.59     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 91.80%  |
| 11) 1,1-Dichloroethene-d2      | 2.14   | 63    | 62804    | 3.80     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 76.00%  |
| 20) 2-Butanone-d5              | 3.96   | 46    | 114476   | 53.22    | ug/L | -0.01   |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 106.44% |
| 24) Chloroform-d               | 4.41   | 84    | 95803    | 5.04     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 100.80% |
| 26) 1,2-Dichloroethane-d4      | 5.09   | 65    | 48607    | 5.34     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 106.80% |
| 32) Benzene-d6                 | 5.10   | 84    | 200674   | 5.02     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 100.40% |
| 36) 1,2-Dichloropropane-d6     | 6.12   | 67    | 58769    | 4.89     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 97.80%  |
| 41) Toluene-d8                 | 7.36   | 98    | 174552   | 4.73     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 94.60%  |
| 43) trans-1,3-Dichloropropene- | 7.67   | 79    | 18573    | 4.61     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 92.20%  |
| 46) 2-Hexanone-d5              | 8.14   | 63    | 83386    | 49.76    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 99.52%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.26  | 84    | 37283    | 4.91     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 98.20%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.68  | 152   | 64546    | 5.31     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 106.20% |

| Target Compounds          |      |     |      |            | Qvalue |
|---------------------------|------|-----|------|------------|--------|
| 9) Trichlorofluoromethane | 1.78 | 101 | 6301 | 0.461 ug/L | 89     |
| 13) Acetone               | 2.21 | 43  | 7383 | 6.888 ug/L | 92     |

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

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