

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR061618\  
 Data File : VR025351.D  
 Acq On : 17 Jun 2018 7:45  
 Operator : SY/MD  
 Sample : J3513-11  
 Misc : 25mL/MSVOA R/WATER  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 MSVOA\_R  
 ClientSampleId :  
 C0KE7

Quant Time: Jun 18 05:07:54 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_R\METHODS\SOMRTR061518WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Mon Jun 18 04:02:12 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.46  | 114  | 501767   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.29 | 117  | 433370   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.22 | 152  | 134281   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 2.14   | 65    | 71010    | 4.15     | ug/L | -0.02   |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 83.00%  |
| 7) Chloroethane-d5             | 2.62   | 69    | 62533    | 4.98     | ug/L | -0.01   |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 99.60%  |
| 11) 1,1-Dichloroethene-d2      | 3.63   | 63    | 129622   | 2.95     | ug/L | -0.01   |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 59.00%# |
| 20) 2-Butanone-d5              | 6.59   | 46    | 241170   | 52.64    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 105.28% |
| 24) Chloroform-d               | 7.20   | 84    | 274436   | 4.30     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 86.00%  |
| 26) 1,2-Dichloroethane-d4      | 7.89   | 65    | 111962   | 4.58     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 91.60%  |
| 32) Benzene-d6                 | 7.86   | 84    | 547680   | 3.73     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 74.60%  |
| 36) 1,2-Dichloropropane-d6     | 8.90   | 67    | 175246   | 4.20     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 84.00%  |
| 41) Toluene-d8                 | 9.97   | 98    | 437547   | 3.37     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 67.40%# |
| 43) trans-1,3-Dichloropropene- | 10.24  | 79    | 22980    | 2.07     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 41.40%# |
| 46) 2-Hexanone-d5              | 10.59  | 63    | 191394   | 49.63    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 99.26%  |
| 57) 1,1,2,2-Tetrachloroethane- | 12.36  | 84    | 84363    | 5.19     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 103.80% |
| 64) 1,2-Dichlorobenzene-d4     | 13.51  | 152   | 104786   | 4.60     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 92.00%  |

| Target Compounds    |      |    |       |            | Ovalue |
|---------------------|------|----|-------|------------|--------|
| 13) Acetone         | 3.70 | 43 | 10055 | 4.860 ug/L | 87     |
| 34) Trichloroethene | 8.71 | 95 | 18999 | 0.462 ug/L | 92     |

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

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