

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR101618\  
 Data File : VR026102.D  
 Acq On : 16 Oct 2018 15:28  
 Operator : SY/MD  
 Sample : J5379-11DL 40X  
 Misc : 25mL/MSVOA R/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_R  
 ClientSampleId :  
 H42A9DL

Quant Time: Oct 17 17:23:02 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_R\METHODS\SOMRTR101518WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Wed Oct 17 08:49:24 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.46  | 114  | 524778   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.29 | 117  | 435099   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.23 | 152  | 129750   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 2.15   | 65    | 277489   | 6.04     | ug/L | -0.01   |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 120.80% |
| 7) Chloroethane-d5             | 2.63   | 69    | 221838   | 5.62     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 112.40% |
| 11) 1,1-Dichloroethene-d2      | 3.60   | 63    | 496274   | 4.40     | ug/L | -0.02   |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 88.00%  |
| 20) 2-Butanone-d5              | 6.59   | 46    | 209919   | 55.67    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 111.34% |
| 24) Chloroform-d               | 7.20   | 84    | 360561   | 4.94     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 98.80%  |
| 26) 1,2-Dichloroethane-d4      | 7.89   | 65    | 148166   | 4.88     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 97.60%  |
| 32) Benzene-d6                 | 7.85   | 84    | 743866   | 5.32     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 106.40% |
| 36) 1,2-Dichloropropane-d6     | 8.90   | 67    | 195111   | 5.40     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 108.00% |
| 41) Toluene-d8                 | 9.97   | 98    | 702976   | 5.32     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 106.40% |
| 43) trans-1,3-Dichloropropene- | 10.24  | 79    | 46370    | 4.90     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 98.00%  |
| 46) 2-Hexanone-d5              | 10.59  | 63    | 158731   | 58.06    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 116.12% |
| 57) 1,1,2,2-Tetrachloroethane- | 12.36  | 84    | 69945    | 4.94     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 98.80%  |
| 64) 1,2-Dichlorobenzene-d4     | 13.52  | 152   | 118158   | 5.76     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 115.20% |

| Target Compounds           |      |    |        |              | Ovalue |
|----------------------------|------|----|--------|--------------|--------|
| 22) cis-1,2-Dichloroethene | 6.67 | 96 | 211164 | 5.784 ug/L # | 97     |
| 34) Trichloroethene        | 8.71 | 95 | 275227 | 6.586 ug/L   | 91     |

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

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