

Data File : VR025753.D  
Acq On : 17 Sep 2018 20:38  
Operator : SY/MD  
Sample : J4887-08DL 4X  
Misc : 25mL/MSVOA\_R/WATER  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
MSVOA\_R  
ClientSampleId :  
C0KR1DL

Quant Time: Sep 18 08:28:51 2018  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_R\METHODS\SOMRTR091718WMA.M  
Quant Title : TRACE VOA SOM01.0  
QLast Update : Mon Sep 17 16:10:44 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.46  | 114  | 893278   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.29 | 117  | 710059   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.23 | 152  | 210312   | 5.00 | ug/L  | 0.00     |

#### System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 2.15   | 65    | 153458   | 3.14     | ug/L | -0.01   |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 62.80%  |
| 7) Chloroethane-d5             | 2.62   | 69    | 115175   | 2.79     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 55.80%# |
| 11) 1,1-Dichloroethene-d2      | 3.63   | 63    | 321695   | 2.59     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 51.80%# |
| 20) 2-Butanone-d5              | 6.59   | 46    | 231383   | 59.96    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 119.92% |
| 24) Chloroform-d               | 7.20   | 84    | 397025   | 3.63     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 72.60%  |
| 26) 1,2-Dichloroethane-d4      | 7.90   | 65    | 150236   | 4.00     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 80.00%  |
| 32) Benzene-d6                 | 7.85   | 84    | 912860   | 4.09     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 81.80%  |
| 36) 1,2-Dichloropropane-d6     | 8.89   | 67    | 258421   | 4.37     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 87.40%  |
| 41) Toluene-d8                 | 9.97   | 98    | 804017   | 3.96     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 79.20%  |
| 43) trans-1,3-Dichloropropene- | 10.24  | 79    | 48903    | 3.60     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 72.00%  |
| 46) 2-Hexanone-d5              | 10.59  | 63    | 191734   | 50.44    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 100.88% |
| 57) 1,1,2,2-Tetrachloroethane- | 12.36  | 84    | 104344   | 3.73     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 74.60%  |
| 64) 1,2-Dichlorobenzene-d4     | 13.52  | 152   | 166694   | 4.93     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 98.60%  |

| Target Compounds           |      |    |        |              | Qvalue |
|----------------------------|------|----|--------|--------------|--------|
| 22) cis-1,2-Dichloroethene | 6.67 | 96 | 17708  | 0.281 ug/L # | 86     |
| 34) Trichloroethene        | 8.71 | 95 | 282646 | 4.527 ug/L   | 97     |

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

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