

Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV091518\  
 Data File : VV007578.D  
 Acq On : 15 Sep 2018 21:07  
 Operator : SY/MD  
 Sample : J4888-06  
 Misc : 25.0 mL/MSVOA V/WATER  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0KT9

Quant Time: Sep 19 01:19:56 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR091318WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Mon Sep 17 01:45:59 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.67  | 114  | 111554   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.90  | 117  | 98921    | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 51383    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 23901    | 4.10     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 82.00%  |
| 7) Chloroethane-d5             | 1.59   | 69    | 21682    | 4.44     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 88.80%  |
| 11) 1,1-Dichloroethene-d2      | 2.14   | 63    | 41963    | 3.46     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 69.20%  |
| 20) 2-Butanone-d5              | 3.97   | 46    | 48178    | 59.28    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 118.56% |
| 24) Chloroform-d               | 4.41   | 84    | 56071    | 4.69     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 93.80%  |
| 26) 1,2-Dichloroethane-d4      | 5.09   | 65    | 29514    | 5.04     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 100.80% |
| 32) Benzene-d6                 | 5.11   | 84    | 109489   | 4.88     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 97.60%  |
| 36) 1,2-Dichloropropane-d6     | 6.13   | 67    | 33541    | 5.01     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 100.20% |
| 41) Toluene-d8                 | 7.36   | 98    | 108323   | 4.64     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 92.80%  |
| 43) trans-1,3-Dichloropropene- | 7.67   | 79    | 13278    | 4.29     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 85.80%  |
| 46) 2-Hexanone-d5              | 8.15   | 63    | 21417    | 43.34    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 86.68%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.27  | 84    | 21077    | 4.51     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 90.20%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.68  | 152   | 47092    | 5.01     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 100.20% |

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

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

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