

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092718\  
 Data File : VV007905.D  
 Acq On : 27 Sep 2018 13:53  
 Operator : SY/MD  
 Sample : J5063-05  
 Misc : 25.0 mL/MSVOA V/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 GAC26

Quant Time: Sep 28 02:05:41 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR092718WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Fri Sep 28 00:42:21 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.67  | 114  | 85699    | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.90  | 117  | 80480    | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 41105    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 22384    | 4.87     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 97.40%  |
| 7) Chloroethane-d5             | 1.59   | 69    | 20467    | 5.16     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 103.20% |
| 11) 1,1-Dichloroethene-d2      | 2.14   | 63    | 38023    | 3.66     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 73.20%  |
| 20) 2-Butanone-d5              | 3.96   | 46    | 64823    | 46.91    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 93.82%  |
| 24) Chloroform-d               | 4.41   | 84    | 51482    | 4.92     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 98.40%  |
| 26) 1,2-Dichloroethane-d4      | 5.09   | 65    | 28766    | 5.00     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 100.00% |
| 32) Benzene-d6                 | 5.10   | 84    | 100100   | 5.21     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 104.20% |
| 36) 1,2-Dichloropropane-d6     | 6.13   | 67    | 31703    | 5.20     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 104.00% |
| 41) Toluene-d8                 | 7.36   | 98    | 94530    | 4.83     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 96.60%  |
| 43) trans-1,3-Dichloropropene- | 7.67   | 79    | 10856    | 4.63     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 92.60%  |
| 46) 2-Hexanone-d5              | 8.14   | 63    | 47889    | 46.26    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 92.52%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.27  | 84    | 22706    | 4.83     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 96.60%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.68  | 152   | 39701    | 4.99     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 99.80%  |

| Target Compounds         |      |     |        |             | Ovalue |
|--------------------------|------|-----|--------|-------------|--------|
| 13) Acetone              | 2.21 | 43  | 5010   | 4.976 ug/L  | 99     |
| 30) Cyclohexane          | 4.72 | 56  | 1681   | 0.185 ug/L  | 91     |
| 31) Carbon tetrachloride | 4.88 | 117 | 270997 | 31.765 ug/L | 100    |

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

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