

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100118\  
 Data File : VV008009.D  
 Acq On : 01 Oct 2018 21:54  
 Operator : SY/MD  
 Sample : J5159-13  
 Misc : 25.0 mL/MSVOA V/WATER  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 GAC99

Quant Time: Oct 02 05:06:19 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR092718WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Tue Oct 02 04:17:24 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.67  | 114  | 90434    | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.90  | 117  | 87439    | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 41666    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |        |
|--------------------------------|--------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 24050    | 4.96     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 99.20% |
| 7) Chloroethane-d5             | 1.59   | 69    | 20231    | 4.83     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 96.60% |
| 11) 1,1-Dichloroethene-d2      | 2.13   | 63    | 37043    | 3.38     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 67.60% |
| 20) 2-Butanone-d5              | 3.97   | 46    | 66543    | 45.63    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 91.26% |
| 24) Chloroform-d               | 4.41   | 84    | 52480    | 4.75     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 95.00% |
| 26) 1,2-Dichloroethane-d4      | 5.09   | 65    | 28182    | 4.64     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 92.80% |
| 32) Benzene-d6                 | 5.10   | 84    | 101927   | 4.88     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 97.60% |
| 36) 1,2-Dichloropropane-d6     | 6.13   | 67    | 32283    | 4.88     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 97.60% |
| 41) Toluene-d8                 | 7.36   | 98    | 93732    | 4.41     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 88.20% |
| 43) trans-1,3-Dichloropropene- | 7.67   | 79    | 10424    | 4.09     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 81.80% |
| 46) 2-Hexanone-d5              | 8.14   | 63    | 46494    | 41.34    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 82.68% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.27  | 84    | 22234    | 4.35     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 87.00% |
| 64) 1,2-Dichlorobenzene-d4     | 11.68  | 152   | 39382    | 4.88     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 97.60% |

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

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

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