

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092718\  
 Data File : VV007935.D  
 Acq On : 28 Sep 2018 04:02  
 Operator : SY/MD  
 Sample : J5062-05  
 Misc : 25.0 mL/MSVOA V/WATER  
 ALS Vial : 48 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 GAC05

Quant Time: Sep 28 05:01:36 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR092718WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Fri Sep 28 03:46:50 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.67  | 114  | 88313    | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.90  | 117  | 84303    | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 44947    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 22605    | 4.77     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 95.40%  |
| 7) Chloroethane-d5             | 1.58   | 69    | 20304    | 4.96     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 99.20%  |
| 11) 1,1-Dichloroethene-d2      | 2.13   | 63    | 37403    | 3.50     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 70.00%  |
| 20) 2-Butanone-d5              | 3.99   | 46    | 59486    | 41.77    | ug/L | 0.03    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 83.54%  |
| 24) Chloroform-d               | 4.41   | 84    | 53459    | 4.96     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 99.20%  |
| 26) 1,2-Dichloroethane-d4      | 5.09   | 65    | 28371    | 4.78     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 95.60%  |
| 32) Benzene-d6                 | 5.10   | 84    | 103662   | 5.15     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 103.00% |
| 36) 1,2-Dichloropropane-d6     | 6.12   | 67    | 32846    | 5.15     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 103.00% |
| 41) Toluene-d8                 | 7.36   | 98    | 99292    | 4.85     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 97.00%  |
| 43) trans-1,3-Dichloropropene- | 7.67   | 79    | 10598    | 4.31     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 86.20%  |
| 46) 2-Hexanone-d5              | 8.14   | 63    | 57762    | 53.27    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 106.54% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.27  | 84    | 23850    | 4.84     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 96.80%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.68  | 152   | 43232    | 4.97     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 99.40%  |

| Target Compounds     |      |    |        |             | Ovalue |
|----------------------|------|----|--------|-------------|--------|
| 14) Carbon disulfide | 2.32 | 76 | 11327  | 0.716 ug/L  | 97     |
| 15) Methyl Acetate   | 2.48 | 43 | 109849 | 41.399 ug/L | 99     |
| 25) Chloroform       | 4.43 | 83 | 12148  | 1.023 ug/L  | 98     |

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092718\  
Data File : VV007935.D  
Acq On : 28 Sep 2018 04:02  
Operator : SY/MD  
Sample : J5062-05  
Misc : 25.0 mL/MSVOA V/WATER  
ALS Vial : 48 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
GAC05

Quant Time: Sep 28 05:01:36 2018  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR092718WMA.M  
Quant Title : TRACE VOA SOM01.0  
QLast Update : Fri Sep 28 03:46:50 2018  
Response via : Initial Calibration

