

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082818\  
 Data File : VV007246.D  
 Acq On : 29 Aug 2018 02:18  
 Operator : SY/MD  
 Sample : J4647-13  
 Misc : 25.0 mL/MSVOA V/WATER  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 GAB77

Quant Time: Aug 29 04:51:55 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR082818WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Wed Aug 29 04:00:48 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.67  | 114  | 215795   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.90  | 117  | 213671   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 81617    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 72554    | 4.74     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 94.80%  |
| 7) Chloroethane-d5             | 1.58   | 69    | 64341    | 5.21     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 104.20% |
| 11) 1,1-Dichloroethene-d2      | 2.13   | 63    | 97380    | 3.67     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 73.40%  |
| 20) 2-Butanone-d5              | 3.97   | 46    | 203244   | 53.14    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 106.28% |
| 24) Chloroform-d               | 4.40   | 84    | 154458   | 4.99     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 99.80%  |
| 26) 1,2-Dichloroethane-d4      | 5.09   | 65    | 78476    | 5.09     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 101.80% |
| 32) Benzene-d6                 | 5.10   | 84    | 283351   | 4.67     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 93.40%  |
| 36) 1,2-Dichloropropane-d6     | 6.12   | 67    | 96003    | 4.86     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 97.20%  |
| 41) Toluene-d8                 | 7.37   | 98    | 203078   | 3.85     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 77.00%  |
| 43) trans-1,3-Dichloropropene- | 7.67   | 79    | 28159    | 4.01     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 80.20%  |
| 46) 2-Hexanone-d5              | 8.15   | 63    | 73233    | 39.68    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 79.36%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.27  | 84    | 74553    | 4.85     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 97.00%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.68  | 152   | 74223    | 4.73     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 94.60%  |

| Target Compounds      |      |     |       |           | Ovalue |
|-----------------------|------|-----|-------|-----------|--------|
| 13) Acetone           | 2.21 | 43  | 12636 | 6.59 ug/L | 97     |
| 42) Toluene           | 7.44 | 91  | 18217 | 0.29 ug/L | 98     |
| 47) Tetrachloroethene | 8.02 | 164 | 29807 | 2.26 ug/L | 96     |

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

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