

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_V\DATA\VV110118\  
 Data File : VV008505.D  
 Acq On : 01 Nov 2018 11:37  
 Operator : SY/MD  
 Sample : J5669-18DL 5X  
 Misc : 5.0 mL/MSVOA\_V/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 ETBR0DL

Quant Time: Nov 02 07:23:22 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM103118WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Nov 02 07:10:33 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.67  | 114  | 209638   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.90  | 117  | 189176   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 78204    | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 57179    | 42.89    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 85.78%  |
| 7) Chloroethane-d5             | 1.56    | 69    | 41434    | 55.83    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 111.66% |
| 11) 1,1-Dichloroethene-d2      | 2.13    | 63    | 76970    | 35.94    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 71.88%  |
| 21) 2-Butanone-d5              | 3.94    | 46    | 115935   | 89.85    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 89.85%  |
| 24) Chloroform-d               | 4.41    | 84    | 133178   | 45.52    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 91.04%  |
| 26) 1,2-Dichloroethane-d4      | 5.09    | 65    | 92024    | 47.07    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 94.14%  |
| 32) Benzene-d6                 | 5.10    | 84    | 271332   | 47.37    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 94.74%  |
| 36) 1,2-Dichloropropane-d6     | 6.12    | 67    | 91241    | 47.34    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 94.68%  |
| 41) Toluene-d8                 | 7.36    | 98    | 241659   | 46.18    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 92.36%  |
| 43) trans-1,3-Dichloropropene- | 7.67    | 79    | 44181    | 45.19    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 90.38%  |
| 47) 2-Hexanone-d5              | 8.14    | 63    | 86443    | 88.96    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 88.96%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.27   | 84    | 119642   | 44.87    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 89.74%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.68   | 152   | 81517    | 47.55    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 95.10%  |

## Target Compounds

|                            |      |    |       |             | Qvalue |
|----------------------------|------|----|-------|-------------|--------|
| 5) Vinyl chloride          | 1.33 | 62 | 8975  | 6.183 ug/L  | 88     |
| 20) cis-1,2-Dichloroethene | 3.97 | 96 | 79788 | 51.453 ug/L | 96     |
| 34) Trichloroethene        | 5.96 | 95 | 1641  | 1.118 ug/L  | 94     |

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

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