

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080218\  
 Data File : VV006850.D  
 Acq On : 03 Aug 2018 11:47  
 Operator : SY/MD  
 Sample : J4261-21  
 Misc : 25 mL/MSVOA V/WATER  
 ALS Vial : 55 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 E5FA5

Quant Time: Aug 03 12:47:29 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR080218WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Fri Aug 03 04:21:42 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.67  | 114  | 240179   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.90  | 117  | 220439   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 82355    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 77295    | 4.65     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 93.00%  |
| 7) Chloroethane-d5             | 1.58   | 69    | 75361    | 5.21     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 104.20% |
| 11) 1,1-Dichloroethene-d2      | 2.13   | 63    | 113156   | 3.67     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 73.40%  |
| 20) 2-Butanone-d5              | 3.95   | 46    | 206925   | 51.29    | ug/L | -0.01   |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 102.58% |
| 24) Chloroform-d               | 4.40   | 84    | 152153   | 5.23     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 104.60% |
| 26) 1,2-Dichloroethane-d4      | 5.09   | 65    | 76506    | 5.21     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 104.20% |
| 32) Benzene-d6                 | 5.10   | 84    | 287515   | 4.83     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 96.60%  |
| 36) 1,2-Dichloropropane-d6     | 6.12   | 67    | 97432    | 4.96     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 99.20%  |
| 41) Toluene-d8                 | 7.37   | 98    | 223385   | 4.20     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 84.00%  |
| 43) trans-1,3-Dichloropropene- | 7.67   | 79    | 30348    | 4.37     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 87.40%  |
| 46) 2-Hexanone-d5              | 8.14   | 63    | 123512   | 39.92    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 79.84%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.27  | 84    | 73027    | 4.99     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 99.80%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.68  | 152   | 73615    | 4.82     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 96.40%  |

| Target Compounds |      |    |       |           | Ovalue |
|------------------|------|----|-------|-----------|--------|
| 3) Chloromethane | 1.25 | 50 | 17558 | 0.63 ug/L | 97     |

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

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