

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082818\  
 Data File : VV007236.D  
 Acq On : 28 Aug 2018 21:47  
 Operator : SY/MD  
 Sample : J4628-24  
 Misc : 25.0 mL/MSVOA V/WATER  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 DB3G7

Quant Time: Aug 29 04:28:00 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  | 226291   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.90  | 117  | 227566   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 92139    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |        |
|--------------------------------|--------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 72891    | 4.54     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 90.80% |
| 7) Chloroethane-d5             | 1.58   | 69    | 63560    | 4.91     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 98.20% |
| 11) 1,1-Dichloroethene-d2      | 2.13   | 63    | 97642    | 3.51     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 70.20% |
| 20) 2-Butanone-d5              | 3.98   | 46    | 153117   | 38.18    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 76.36% |
| 24) Chloroform-d               | 4.41   | 84    | 148993   | 4.59     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 91.80% |
| 26) 1,2-Dichloroethane-d4      | 5.09   | 65    | 74256    | 4.59     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 91.80% |
| 32) Benzene-d6                 | 5.10   | 84    | 280069   | 4.33     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 86.60% |
| 36) 1,2-Dichloropropane-d6     | 6.12   | 67    | 94280    | 4.48     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 89.60% |
| 41) Toluene-d8                 | 7.37   | 98    | 209191   | 3.72     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 74.40% |
| 43) trans-1,3-Dichloropropene- | 7.67   | 79    | 28295    | 3.79     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 75.80% |
| 46) 2-Hexanone-d5              | 8.15   | 63    | 61071    | 31.07    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 62.14% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.27  | 84    | 72194    | 4.41     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 88.20% |
| 64) 1,2-Dichlorobenzene-d4     | 11.68  | 152   | 81370    | 4.60     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 92.00% |

| Target Compounds |      |    |       |            | Ovalue |
|------------------|------|----|-------|------------|--------|
| 13) Acetone      | 2.21 | 43 | 96162 | 47.81 ug/L | 100    |

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

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