

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082818\  
 Data File : VV007240.D  
 Acq On : 28 Aug 2018 23:35  
 Operator : SY/MD  
 Sample : J4628-23MSD  
 Misc : 25.0 mL/MSVOA V/WATER  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 DB3G6MSD

Quant Time: Aug 29 04:37:29 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  | 222370   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.90  | 117  | 224387   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 86001    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 75274    | 4.77     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 95.40%  |
| 7) Chloroethane-d5             | 1.58   | 69    | 65351    | 5.14     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 102.80% |
| 11) 1,1-Dichloroethene-d2      | 2.13   | 63    | 141656   | 5.19     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 103.80% |
| 20) 2-Butanone-d5              | 3.97   | 46    | 209039   | 53.04    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 106.08% |
| 24) Chloroform-d               | 4.40   | 84    | 161576   | 5.07     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 101.40% |
| 26) 1,2-Dichloroethane-d4      | 5.09   | 65    | 81621    | 5.13     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 102.60% |
| 32) Benzene-d6                 | 5.10   | 84    | 298682   | 4.68     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 93.60%  |
| 36) 1,2-Dichloropropane-d6     | 6.12   | 67    | 103873   | 5.01     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 100.20% |
| 41) Toluene-d8                 | 7.37   | 98    | 222946   | 4.02     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 80.40%  |
| 43) trans-1,3-Dichloropropene- | 7.67   | 79    | 32161    | 4.36     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 87.20%  |
| 46) 2-Hexanone-d5              | 8.15   | 63    | 83139    | 42.89    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 85.78%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.27  | 84    | 80768    | 5.01     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 100.20% |
| 64) 1,2-Dichlorobenzene-d4     | 11.68  | 152   | 84215    | 5.10     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 102.00% |

| Target Compounds       |      |     |        |      |      | Ovalue |
|------------------------|------|-----|--------|------|------|--------|
| 12) 1,1-Dichloroethene | 2.14 | 96  | 85333  | 6.34 | ug/L | 96     |
| 13) Acetone            | 2.21 | 43  | 6568   | 3.32 | ug/L | 95     |
| 33) Benzene            | 5.15 | 78  | 382223 | 5.75 | ug/L | 100    |
| 34) Trichloroethene    | 5.96 | 95  | 89241  | 5.32 | ug/L | 99     |
| 42) Toluene            | 7.44 | 91  | 340884 | 5.22 | ug/L | 98     |
| 51) Chlorobenzene      | 8.93 | 112 | 240306 | 5.42 | ug/L | 99     |

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

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