

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080318\  
 Data File : VV006859.D  
 Acq On : 03 Aug 2018 21:36  
 Operator : SY/MD  
 Sample : J4315-11  
 Misc : 25 mL/MSVOA V/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VHBLK01

Quant Time: Aug 04 05:03:11 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR080218WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Sat Aug 04 04:38:24 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.67  | 114  | 217066   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.90  | 117  | 200664   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 81491    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |          |
|--------------------------------|--------|-------|----------|----------|------|----------|
| 4) Vinyl Chloride-d3           | 1.31   | 65    | 93294    | 6.20     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 124.00%  |
| 7) Chloroethane-d5             | 1.58   | 69    | 80239    | 6.14     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 122.80%  |
| 11) 1,1-Dichloroethene-d2      | 2.13   | 63    | 131792   | 4.73     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 94.60%   |
| 20) 2-Butanone-d5              | 3.98   | 46    | 242392   | 66.48    | ug/L | 0.02     |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 132.96%# |
| 24) Chloroform-d               | 4.41   | 84    | 160571   | 6.10     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 122.00%  |
| 26) 1,2-Dichloroethane-d4      | 5.09   | 65    | 85351    | 6.43     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 128.60%  |
| 32) Benzene-d6                 | 5.10   | 84    | 307577   | 5.68     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 113.60%  |
| 36) 1,2-Dichloropropane-d6     | 6.12   | 67    | 104805   | 5.86     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 117.20%  |
| 41) Toluene-d8                 | 7.37   | 98    | 233922   | 4.84     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 96.80%   |
| 43) trans-1,3-Dichloropropene- | 7.67   | 79    | 32292    | 5.10     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 102.00%  |
| 46) 2-Hexanone-d5              | 8.15   | 63    | 146992   | 52.19    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 104.38%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.27  | 84    | 87076    | 6.54     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 130.80%# |
| 64) 1,2-Dichlorobenzene-d4     | 11.68  | 152   | 82607    | 5.46     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 109.20%  |

| Target Compounds |      |    |       |           | Ovalue |
|------------------|------|----|-------|-----------|--------|
| 13) Acetone      | 2.22 | 43 | 17332 | 6.74 ug/L | 93     |

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

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