

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092318\  
 Data File : VV007771.D  
 Acq On : 23 Sep 2018 07:09  
 Operator : SY/MD  
 Sample : J5013-10  
 Misc : 5.0 mL/MSVOA V/WATER  
 ALS Vial : 45 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C08M6

Quant Time: Sep 24 07:02:58 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM092318WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Mon Sep 24 05:16:03 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.67  | 114  | 173276   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.90  | 117  | 166459   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 87578    | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |        |
|--------------------------------|---------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 38029    | 40.38    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 80.76% |
| 7) Chloroethane-d5             | 1.59    | 69    | 38413    | 44.89    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 89.78% |
| 11) 1,1-Dichloroethene-d2      | 2.14    | 63    | 75907    | 34.19    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 68.38% |
| 21) 2-Butanone-d5              | 3.95    | 46    | 56503    | 90.84    | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 90.84% |
| 24) Chloroform-d               | 4.41    | 84    | 88582    | 43.93    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 87.86% |
| 26) 1,2-Dichloroethane-d4      | 5.09    | 65    | 61280    | 47.65    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 95.30% |
| 32) Benzene-d6                 | 5.11    | 84    | 179859   | 47.01    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 94.02% |
| 36) 1,2-Dichloropropane-d6     | 6.13    | 67    | 53559    | 47.40    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 94.80% |
| 41) Toluene-d8                 | 7.36    | 98    | 180182   | 45.07    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 90.14% |
| 43) trans-1,3-Dichloropropene- | 7.67    | 79    | 21551    | 37.83    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 75.66% |
| 47) 2-Hexanone-d5              | 8.14    | 63    | 42885    | 86.19    | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 86.19% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.27   | 84    | 79598    | 45.13    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 90.26% |
| 64) 1,2-Dichlorobenzene-d4     | 11.68   | 152   | 84631    | 46.98    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 93.96% |

| Target Compounds |      |    |       |             | Ovalue |
|------------------|------|----|-------|-------------|--------|
| 13) Acetone      | 2.19 | 43 | 11622 | 17.706 ug/L | 99     |
| 25) Chloroform   | 4.43 | 83 | 4346  | 2.238 ug/L  | 94     |

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

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