

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100520\  
 Data File : VV018681.D  
 Acq On : 05 Oct 2020 18:21  
 Operator : SY/MD  
 Sample : L4254-10 50X  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BG3P2

Quant Time: Oct 06 03:25:28 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM092920WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Oct 06 02:11:36 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 258037   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 252893   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 119889   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |        |
|--------------------------------|---------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 1.31    | 65    | 70215    | 46.40    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 92.80% |
| 7) Chloroethane-d5             | 1.58    | 69    | 60899    | 48.67    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 97.34% |
| 11) 1,1-Dichloroethene-d2      | 2.12    | 63    | 108244   | 35.10    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 70.20% |
| 21) 2-Butanone-d5              | 3.92    | 46    | 102411   | 90.72    | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 90.72% |
| 24) Chloroform-d               | 4.37    | 84    | 142336   | 43.50    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 87.00% |
| 26) 1,2-Dichloroethane-d4      | 5.05    | 65    | 91683    | 44.13    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 88.26% |
| 32) Benzene-d6                 | 5.07    | 84    | 250733   | 39.14    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 78.28% |
| 36) 1,2-Dichloropropane-d6     | 6.09    | 67    | 80503    | 41.59    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 83.18% |
| 41) Toluene-d8                 | 7.34    | 98    | 256717   | 42.60    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 85.20% |
| 43) trans-1,3-Dichloropropene- | 7.64    | 79    | 42138    | 40.30    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 80.60% |
| 47) 2-Hexanone-d5              | 8.11    | 63    | 50823    | 69.13    | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 69.13% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24   | 84    | 89224    | 34.77    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 69.54% |
| 64) 1,2-Dichlorobenzene-d4     | 11.65   | 152   | 94222    | 40.87    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 81.74% |

## Target Compounds

|                              |      |     |       |            | Ovalue |
|------------------------------|------|-----|-------|------------|--------|
| 17) trans-1,2-Dichloroethene | 2.78 | 96  | 2938  | 1.594 ug/L | 92     |
| 20) cis-1,2-Dichloroethene   | 3.94 | 96  | 18208 | 9.295 ug/L | 97     |
| 34) Trichloroethene          | 5.94 | 95  | 17896 | 8.297 ug/L | 95     |
| 46) Tetrachloroethene        | 8.00 | 164 | 7795  | 4.455 ug/L | 88     |

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

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