

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV022120\  
 Data File : VV014686.D  
 Acq On : 22 Feb 2020 04:31  
 Operator : SY/MD  
 Sample : L1607-09 500X  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 46 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0AP5

Quant Time: Feb 24 06:45:36 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM022120WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Mon Feb 24 04:25:56 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.66  | 114  | 215378   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.89  | 117  | 202355   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.29 | 152  | 95361    | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 32109    | 38.17    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 76.34%  |
| 7) Chloroethane-d5             | 1.59    | 69    | 27046    | 44.36    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 88.72%  |
| 11) 1,1-Dichloroethene-d2      | 2.13    | 63    | 54043    | 34.47    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 68.94%  |
| 21) 2-Butanone-d5              | 3.95    | 46    | 78096    | 99.88    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 99.88%  |
| 24) Chloroform-d               | 4.40    | 84    | 128695   | 46.73    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 93.46%  |
| 26) 1,2-Dichloroethane-d4      | 5.08    | 65    | 89588    | 50.88    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 101.76% |
| 32) Benzene-d6                 | 5.10    | 84    | 256383   | 47.87    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 95.74%  |
| 36) 1,2-Dichloropropane-d6     | 6.11    | 67    | 75355    | 48.25    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 96.50%  |
| 41) Toluene-d8                 | 7.35    | 98    | 240161   | 46.56    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 93.12%  |
| 43) trans-1,3-Dichloropropene- | 7.66    | 79    | 39696    | 45.37    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 90.74%  |
| 47) 2-Hexanone-d5              | 8.13    | 63    | 59381    | 94.87    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 94.87%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.25   | 84    | 106748   | 49.33    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 98.66%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.67   | 152   | 96144    | 51.53    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 103.06% |

| Target Compounds       |      |    |      |              | Ovalue |
|------------------------|------|----|------|--------------|--------|
| 12) 1,1-Dichloroethene | 2.13 | 96 | 513  | 0.781 ug/L # | 1      |
| 16) Methylene chloride | 2.54 | 84 | 2235 | 1.632 ug/L   | 90     |
| 25) Chloroform         | 4.43 | 83 | 5542 | 2.076 ug/L   | 94     |

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

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