

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100720\  
 Data File : VV018726.D  
 Acq On : 07 Oct 2020 13:37  
 Operator : SY/MD  
 Sample : L4287-02DL 100X  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0AH8DL

Quant Time: Oct 08 04:34:03 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM092920WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Oct 08 02:46:20 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 322974   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 290887   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 133638   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 82187    | 43.39    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 86.78%  |
| 7) Chloroethane-d5             | 1.58    | 69    | 75610    | 48.28    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 96.56%  |
| 11) 1,1-Dichloroethene-d2      | 2.12    | 63    | 133017   | 34.47    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 68.94%  |
| 21) 2-Butanone-d5              | 3.92    | 46    | 113073   | 80.03    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 80.03%  |
| 24) Chloroform-d               | 4.38    | 84    | 166553   | 40.66    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 81.32%  |
| 26) 1,2-Dichloroethane-d4      | 5.06    | 65    | 126007   | 48.46    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 96.92%  |
| 32) Benzene-d6                 | 5.07    | 84    | 363912   | 49.39    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 98.78%  |
| 36) 1,2-Dichloropropane-d6     | 6.09    | 67    | 112119   | 50.36    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 100.72% |
| 41) Toluene-d8                 | 7.34    | 98    | 282078   | 40.69    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 81.38%  |
| 43) trans-1,3-Dichloropropene- | 7.64    | 79    | 48010    | 39.92    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 79.84%  |
| 47) 2-Hexanone-d5              | 8.11    | 63    | 54954    | 64.99    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 64.99%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24   | 84    | 108118   | 36.63    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 73.26%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.65   | 152   | 120461   | 46.87    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 93.74%  |

## Target Compounds

|                            |      |     |        |        | Ovalue  |
|----------------------------|------|-----|--------|--------|---------|
| 5) Vinyl chloride          | 1.32 | 62  | 37084  | 15.010 | ug/L 96 |
| 20) cis-1,2-Dichloroethene | 3.94 | 96  | 142851 | 58.264 | ug/L 94 |
| 34) Trichloroethene        | 5.94 | 95  | 12359  | 4.981  | ug/L 96 |
| 46) Tetrachloroethene      | 8.00 | 164 | 25372  | 12.605 | ug/L 94 |

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

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