

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080820\  
 Data File : VV017881.D  
 Acq On : 09 Aug 2020 01:59  
 Operator : SY/MD  
 Sample : L3608-17  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 41 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 F4L19

Quant Time: Aug 10 07:36:44 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM080820WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Mon Aug 10 05:09:16 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 220615   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 211420   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 108902   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 60764    | 53.33    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 106.66% |
| 7) Chloroethane-d5             | 1.58    | 69    | 52857    | 54.61    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 109.22% |
| 11) 1,1-Dichloroethene-d2      | 2.12    | 63    | 107894   | 39.41    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 78.82%  |
| 21) 2-Butanone-d5              | 3.91    | 46    | 71773    | 100.60   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 100.60% |
| 24) Chloroform-d               | 4.38    | 84    | 150788   | 50.47    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 100.94% |
| 26) 1,2-Dichloroethane-d4      | 5.05    | 65    | 119042   | 54.85    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 109.70% |
| 32) Benzene-d6                 | 5.07    | 84    | 261577   | 53.58    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 107.16% |
| 36) 1,2-Dichloropropane-d6     | 6.09    | 67    | 69763    | 56.36    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 112.72% |
| 41) Toluene-d8                 | 7.34    | 98    | 260141   | 53.01    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 106.02% |
| 43) trans-1,3-Dichloropropene- | 7.64    | 79    | 37467    | 47.00    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 94.00%  |
| 47) 2-Hexanone-d5              | 8.11    | 63    | 42886    | 95.66    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 95.66%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24   | 84    | 91318    | 47.32    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 94.64%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.65   | 152   | 118707   | 53.47    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 106.94% |

| Target Compounds |      |    |      |            | Ovalue |
|------------------|------|----|------|------------|--------|
| 13) Acetone      | 2.19 | 43 | 6058 | 6.525 ug/L | 80     |

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

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