

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082120\  
 Data File : VV018075.D  
 Acq On : 21 Aug 2020 12:20  
 Operator : SY/MD  
 Sample : L3767-05  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BFSJ1

Quant Time: Aug 22 00:17:37 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM081120WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Aug 22 00:05:13 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 387563   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 375379   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 187814   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |        |
|--------------------------------|---------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 125877   | 42.57    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 85.14% |
| 7) Chloroethane-d5             | 1.58    | 69    | 106611   | 44.07    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 88.14% |
| 11) 1,1-Dichloroethene-d2      | 2.12    | 63    | 185506   | 32.80    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 65.60% |
| 21) 2-Butanone-d5              | 3.90    | 46    | 145593   | 75.17    | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 75.17% |
| 24) Chloroform-d               | 4.37    | 84    | 219047   | 40.69    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 81.38% |
| 26) 1,2-Dichloroethane-d4      | 5.05    | 65    | 148508   | 42.48    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 84.96% |
| 32) Benzene-d6                 | 5.07    | 84    | 450153   | 43.51    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 87.02% |
| 36) 1,2-Dichloropropane-d6     | 6.09    | 67    | 145635   | 43.06    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 86.12% |
| 41) Toluene-d8                 | 7.33    | 98    | 405490   | 43.58    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 87.16% |
| 43) trans-1,3-Dichloropropene- | 7.64    | 79    | 67074    | 43.72    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 87.44% |
| 47) 2-Hexanone-d5              | 8.11    | 63    | 75177    | 69.27    | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 69.27% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.23   | 84    | 165666   | 37.62    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 75.24% |
| 64) 1,2-Dichlorobenzene-d4     | 11.65   | 152   | 167725   | 45.38    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 90.76% |

| Target Compounds |      |    |       |            | Ovalue |
|------------------|------|----|-------|------------|--------|
| 3) Chloromethane | 1.25 | 50 | 3221  | 0.927 ug/L | 98     |
| 13) Acetone      | 2.19 | 43 | 13828 | 6.912 ug/L | 100    |

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

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