

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW073019\  
 Data File : VW011574.D  
 Acq On : 30 Jul 2019 14:31  
 Operator : SY/VA  
 Sample : K4070-08  
 Misc : 4.78G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 DB9E0

Quant Time: Jul 31 03:37:00 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM073019S.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Jul 31 02:59:26 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.84  | 114  | 419154   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 373694   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 175130   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |        |
|--------------------------------|--------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 2.35   | 65    | 143615   | 24.33    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 97.32% |
| 7) Chloroethane-d5             | 2.89   | 69    | 102286   | 24.06    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 96.24% |
| 10) 1,1-Dichloroethene-d2      | 4.01   | 63    | 239702   | 17.72    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 70.88% |
| 20) 2-Butanone-d5              | 7.07   | 46    | 116679   | 43.90    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 87.80% |
| 24) Chloroform-d               | 7.65   | 84    | 261302   | 22.70    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 90.80% |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 161031   | 23.64    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 94.56% |
| 29) Benzene-d6                 | 8.27   | 84    | 554095   | 23.58    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 94.32% |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 178792   | 23.57    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 94.28% |
| 37) Toluene-d8                 | 10.32  | 98    | 488449   | 23.42    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 93.68% |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 75465    | 22.70    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 90.80% |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 76733    | 43.31    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 86.62% |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 139785   | 22.19    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 88.76% |
| 61) 1,2-Dichlorobenzene-d4     | 13.85  | 152   | 159539   | 23.64    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 94.56% |

| Target Compounds |      |    |      |            | Ovalue |
|------------------|------|----|------|------------|--------|
| 13) Acetone      | 4.12 | 43 | 5911 | 2.077 ug/L | 73     |

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

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