

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062920\  
 Data File : VW015764.D  
 Acq On : 29 Jun 2020 15:57  
 Operator : SY/VA  
 Sample : L3131-02  
 Misc : 6.38G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BG2L7

Quant Time: Jun 30 03:44:34 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM062920S.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Jun 30 03:03:23 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.84  | 114  | 347057   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 305255   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 129048   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |        |
|--------------------------------|--------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 2.35   | 65    | 128486   | 22.80    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 91.20% |
| 7) Chloroethane-d5             | 2.89   | 69    | 106694   | 23.19    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 92.76% |
| 10) 1,1-Dichloroethene-d2      | 4.01   | 63    | 176681   | 17.66    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 70.64% |
| 20) 2-Butanone-d5              | 7.09   | 46    | 49877    | 41.95    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 83.90% |
| 24) Chloroform-d               | 7.65   | 84    | 220237   | 22.76    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 91.04% |
| 26) 1,2-Dichloroethane-d4      | 8.30   | 65    | 125046   | 22.72    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 90.88% |
| 29) Benzene-d6                 | 8.27   | 84    | 445138   | 24.46    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 97.84% |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 129122   | 23.96    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 95.84% |
| 37) Toluene-d8                 | 10.32  | 98    | 406249   | 23.99    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 95.96% |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 52937    | 22.18    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 88.72% |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 38386    | 43.72    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 87.44% |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 89884    | 21.75    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 87.00% |
| 61) 1,2-Dichlorobenzene-d4     | 13.86  | 152   | 120939   | 24.17    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 96.68% |

## Target Compounds

|                         |       |     |       |       | Ovalue    |
|-------------------------|-------|-----|-------|-------|-----------|
| 13) Acetone             | 4.14  | 43  | 9169  | 9.202 | ug/L 97   |
| 14) Carbon disulfide    | 4.38  | 76  | 53112 | 4.237 | ug/L 98   |
| 16) Methylene chloride  | 4.92  | 84  | 11702 | 2.298 | ug/L 97   |
| 21) 2-Butanone          | 7.19  | 43  | 2819  | 2.289 | ug/L 81   |
| 54) m,p-Xylene          | 11.83 | 106 | 13906 | 1.807 | ug/L 97   |
| 55) o-xylene            | 12.16 | 106 | 2718  | 0.369 | ug/L 89   |
| 57) Isopropylbenzene    | 12.47 | 105 | 7147  | 0.352 | ug/L # 93 |
| 64) 1,4-Dichlorobenzene | 13.58 | 146 | 2566  | 0.336 | ug/L # 88 |

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

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