

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072220\  
 Data File : VW015903.D  
 Acq On : 22 Jul 2020 12:24  
 Operator : SY/VA  
 Sample : L3341-06  
 Misc : 5.03G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VHBLK01

Quant Time: Jul 23 03:21:37 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM072020S.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Jul 23 03:03:27 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.85  | 114  | 417269   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 385944   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 169113   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |        |
|--------------------------------|--------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 2.36   | 65    | 125377   | 21.29    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 85.16% |
| 7) Chloroethane-d5             | 2.90   | 69    | 107818   | 22.55    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 90.20% |
| 10) 1,1-Dichloroethene-d2      | 4.01   | 63    | 196071   | 16.47    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 65.88% |
| 20) 2-Butanone-d5              | 7.09   | 46    | 64712    | 41.84    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 83.68% |
| 24) Chloroform-d               | 7.65   | 84    | 258041   | 22.02    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 88.08% |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 142169   | 22.10    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 88.40% |
| 29) Benzene-d6                 | 8.28   | 84    | 521931   | 22.22    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 88.88% |
| 33) 1,2-Dichloropropane-d6     | 9.28   | 67    | 155900   | 22.14    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 88.56% |
| 37) Toluene-d8                 | 10.33  | 98    | 468012   | 21.99    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 87.96% |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 58653    | 19.54    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 78.16% |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 47549    | 40.55    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 81.10% |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 114228   | 21.10    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 84.40% |
| 61) 1,2-Dichlorobenzene-d4     | 13.86  | 152   | 153011   | 23.20    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 92.80% |

| Target Compounds       |      |    |       |            | Ovalue |
|------------------------|------|----|-------|------------|--------|
| 16) Methylene chloride | 4.92 | 84 | 15502 | 2.267 ug/L | 95     |

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

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