

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061120\  
 Data File : VW015590.D  
 Acq On : 11 Jun 2020 15:27  
 Operator : SY/VA  
 Sample : VIBLK  
 Misc : 5.00G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VIBLK

Quant Time: Jun 12 06:33:24 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM052620S.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Jun 12 05:02:36 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.84  | 114  | 337668   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 309854   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 139237   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |        |
|--------------------------------|--------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 2.36   | 65    | 55775    | 18.02    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 72.08% |
| 7) Chloroethane-d5             | 2.90   | 69    | 60678    | 19.72    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 78.88% |
| 10) 1,1-Dichloroethene-d2      | 4.01   | 63    | 96437    | 12.79    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 51.16% |
| 20) 2-Butanone-d5              | 7.09   | 46    | 40256    | 39.85    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 79.70% |
| 24) Chloroform-d               | 7.65   | 84    | 147240   | 18.86    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 75.44% |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 86107    | 19.82    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 79.28% |
| 29) Benzene-d6                 | 8.27   | 84    | 295359   | 19.44    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 77.76% |
| 33) 1,2-Dichloropropane-d6     | 9.28   | 67    | 88892    | 19.25    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 77.00% |
| 37) Toluene-d8                 | 10.32  | 98    | 270701   | 18.32    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 73.28% |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 32945    | 15.42    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 61.68% |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 31239    | 39.07    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 78.14% |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 65741    | 18.91    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 75.64% |
| 61) 1,2-Dichlorobenzene-d4     | 13.86  | 152   | 91313    | 19.57    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 78.28% |

## Target Compounds

| Target Compounds         | R.T.  | QIon | Response | Conc  | Units | Ovalue |
|--------------------------|-------|------|----------|-------|-------|--------|
| 13) Acetone              | 4.13  | 43   | 2187     | 2.800 | ug/L  | 97     |
| 16) Methylene chloride   | 4.92  | 84   | 8567     | 2.067 | ug/L  | 86     |
| 43) 4-Methyl-2-pentanone | 10.21 | 43   | 10313    | 4.123 | ug/L  | 97     |

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

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