

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042920\  
 Data File : VW015380.D  
 Acq On : 29 Apr 2020 15:13  
 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: Apr 30 09:18:06 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM042820S.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Apr 30 08:26:20 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.84  | 114  | 402404   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 357718   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.55 | 152  | 183859   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |        |
|--------------------------------|--------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 2.35   | 65    | 61451    | 20.97    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 83.88% |
| 7) Chloroethane-d5             | 2.89   | 69    | 66899    | 19.61    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 78.44% |
| 10) 1,1-Dichloroethene-d2      | 4.01   | 63    | 109556   | 14.80    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 59.20% |
| 20) 2-Butanone-d5              | 7.08   | 46    | 41326    | 45.89    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 91.78% |
| 24) Chloroform-d               | 7.65   | 84    | 180876   | 20.44    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 81.76% |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 97611    | 21.43    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 85.72% |
| 29) Benzene-d6                 | 8.27   | 84    | 360948   | 21.90    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 87.60% |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 100201   | 21.73    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 86.92% |
| 37) Toluene-d8                 | 10.32  | 98    | 365514   | 21.74    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 86.96% |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 49264    | 20.88    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 83.52% |
| 39) 2-Hexanone-d5              | 10.92  | 63    | 37875    | 44.99    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 89.98% |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 85844    | 22.00    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 88.00% |
| 61) 1,2-Dichlorobenzene-d4     | 13.85  | 152   | 142191   | 22.26    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 89.04% |

| Target Compounds | Ovalue |
|------------------|--------|
| -----            |        |

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

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