

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072920\  
 Data File : VW015989.D  
 Acq On : 29 Jul 2020 12:12  
 Operator : SY/VA  
 Sample : VW0729SBL01  
 Misc : 5.00G/10ML/MSVOA W/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VBLK22

Quant Time: Jul 30 03:36:32 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM072020S.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Jul 30 03:30:55 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.85  | 114  | 425338   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 391844   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 177645   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 2.36   | 65    | 93590    | 15.59    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 62.36%  |
| 7) Chloroethane-d5             | 2.90   | 69    | 91481    | 18.77    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 75.08%  |
| 10) 1,1-Dichloroethene-d2      | 4.01   | 63    | 162697   | 13.41    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 53.64%  |
| 20) 2-Butanone-d5              | 7.09   | 46    | 83345    | 52.87    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 105.74% |
| 24) Chloroform-d               | 7.65   | 84    | 241824   | 20.24    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 80.96%  |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 136479   | 20.81    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 83.24%  |
| 29) Benzene-d6                 | 8.28   | 84    | 484338   | 20.31    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 81.24%  |
| 33) 1,2-Dichloropropane-d6     | 9.28   | 67    | 153069   | 21.41    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 85.64%  |
| 37) Toluene-d8                 | 10.33  | 98    | 423095   | 19.58    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 78.32%  |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 56984    | 18.70    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 74.80%  |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 60519    | 50.83    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 101.66% |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 130559   | 23.75    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 95.00%  |
| 61) 1,2-Dichlorobenzene-d4     | 13.85  | 152   | 150597   | 21.74    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 86.96%  |

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

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

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