

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW060920\  
 Data File : VW015573.D  
 Acq On : 09 Jun 2020 15:33  
 Operator : SY/VA  
 Sample : L2959-02  
 Misc : 4.14G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BG2J7

Quant Time: Jun 10 04:34:37 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM052620S.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Jun 09 12:46:40 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.85  | 114  | 294646   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 243622   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 84451    | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |          |
|--------------------------------|--------|-------|----------|----------|------|----------|
| 4) Vinyl Chloride-d3           | 2.36   | 65    | 105671   | 39.13    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 156.52%# |
| 7) Chloroethane-d5             | 2.90   | 69    | 83724    | 31.18    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 124.72%  |
| 10) 1,1-Dichloroethene-d2      | 4.01   | 63    | 146665   | 22.29    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 89.16%   |
| 20) 2-Butanone-d5              | 7.09   | 46    | 40634    | 46.09    | ug/L | 0.01     |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 92.18%   |
| 24) Chloroform-d               | 7.65   | 84    | 178955   | 26.26    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 105.04%  |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 101086   | 26.67    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 106.68%  |
| 29) Benzene-d6                 | 8.28   | 84    | 364395   | 30.50    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 122.00%  |
| 33) 1,2-Dichloropropane-d6     | 9.28   | 67    | 103949   | 28.63    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 114.52%  |
| 37) Toluene-d8                 | 10.32  | 98    | 325361   | 28.01    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 112.04%  |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 41954    | 24.98    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 99.92%   |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 31762    | 50.53    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 101.06%  |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 62321    | 22.80    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 91.20%   |
| 61) 1,2-Dichlorobenzene-d4     | 13.85  | 152   | 68840    | 24.32    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 97.28%   |

## Target Compounds

|                      |       |     |       |        | Ovalue   |
|----------------------|-------|-----|-------|--------|----------|
| 13) Acetone          | 4.14  | 43  | 42810 | 62.817 | ug/L 100 |
| 14) Carbon disulfide | 4.37  | 76  | 8682  | 0.741  | ug/L 96  |
| 21) 2-Butanone       | 7.18  | 43  | 18233 | 17.416 | ug/L 100 |
| 44) Toluene          | 10.39 | 91  | 5828  | 0.393  | ug/L 94  |
| 54) m,p-Xylene       | 11.84 | 106 | 2897  | 0.453  | ug/L 85  |
| 55) o-xylene         | 12.16 | 106 | 2406  | 0.396  | ug/L 98  |

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW060920\  
Data File : VW015573.D  
Acq On : 09 Jun 2020 15:33  
Operator : SY/VA  
Sample : L2959-02  
Misc : 4.14G/10ML/MSVOA W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
BG2J7

Quant Time: Jun 10 04:34:37 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM052620S.M  
Quant Title : VOC Analysis  
QLast Update : Tue Jun 09 12:46:40 2020  
Response via : Initial Calibration

