

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111519\  
 Data File : VW014041.D  
 Acq On : 15 Nov 2019 15:20  
 Operator : SY/VA  
 Sample : K5811-04  
 Misc : 2.89G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 ETOP2

Quant Time: Nov 16 04:44:53 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM111119S.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Nov 16 04:05:25 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.84  | 114  | 333674   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 300371   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.55 | 152  | 129535   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 2.35   | 65    | 108891   | 20.45    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 81.80%  |
| 7) Chloroethane-d5             | 2.89   | 69    | 97512    | 22.59    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 90.36%  |
| 10) 1,1-Dichloroethene-d2      | 4.02   | 63    | 172388   | 15.78    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 63.12%  |
| 20) 2-Butanone-d5              | 7.07   | 46    | 97508    | 63.05    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 126.10% |
| 24) Chloroform-d               | 7.65   | 84    | 248330   | 24.20    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 96.80%  |
| 26) 1,2-Dichloroethane-d4      | 8.30   | 65    | 141286   | 27.39    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 109.56% |
| 29) Benzene-d6                 | 8.27   | 84    | 523087   | 24.54    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 98.16%  |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 160019   | 25.63    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 102.52% |
| 37) Toluene-d8                 | 10.32  | 98    | 449992   | 22.27    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 89.08%  |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 66119    | 24.73    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 98.92%  |
| 39) 2-Hexanone-d5              | 10.92  | 63    | 74146    | 62.63    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 125.26% |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 126546   | 26.84    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 107.36% |
| 61) 1,2-Dichlorobenzene-d4     | 13.85  | 152   | 112320   | 21.58    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 86.32%  |

| Target Compounds      |       |     |      |            | Ovalue |
|-----------------------|-------|-----|------|------------|--------|
| 47) Tetrachloroethene | 10.86 | 164 | 4129 | 0.788 ug/L | 92     |

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111519\  
Data File : VW014041.D  
Acq On : 15 Nov 2019 15:20  
Operator : SY/VA  
Sample : K5811-04  
Misc : 2.89G/10ML/MSVOA W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
ETOP2

Quant Time: Nov 16 04:44:53 2019  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM111119S.M  
Quant Title : VOC Analysis  
QLast Update : Sat Nov 16 04:05:25 2019  
Response via : Initial Calibration

