

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_V\DATA\VV122018\  
 Data File : VV009079.D  
 Acq On : 20 Dec 2018 12:33  
 Operator : SY/MD  
 Sample : VV1220SBL01  
 Misc : 5.00 G/10ML/MSVOA\_V/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VBLK74

Quant Time: Dec 21 00:34:01 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOM2VLM120618S.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Dec 21 00:25:26 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.66  | 114  | 257497   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.90  | 117  | 223267   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 97013    | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 57143    | 21.45    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 85.80%  |
| 7) Chloroethane-d5             | 1.58   | 69    | 61164    | 31.07    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 124.28% |
| 10) 1,1-Dichloroethene-d2      | 2.13   | 63    | 113539   | 17.04    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 68.16%  |
| 20) 2-Butanone-d5              | 3.94   | 46    | 33234    | 34.26    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 68.52%  |
| 24) Chloroform-d               | 4.40   | 84    | 151042   | 24.40    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 97.60%  |
| 26) 1,2-Dichloroethane-d4      | 5.08   | 65    | 85039    | 25.17    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 100.68% |
| 29) Benzene-d6                 | 5.10   | 84    | 300333   | 24.08    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 96.32%  |
| 33) 1,2-Dichloropropane-d6     | 6.12   | 67    | 89058    | 25.51    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 102.04% |
| 37) Toluene-d8                 | 7.36   | 98    | 272557   | 23.62    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 94.48%  |
| 38) trans-1,3-Dichloropropene- | 7.67   | 79    | 35714    | 23.28    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 93.12%  |
| 39) 2-Hexanone-d5              | 8.14   | 63    | 20395    | 31.89    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 63.78%  |
| 48) 1,1,2,2-Tetrachloroethane- | 10.26  | 84    | 56346    | 19.24    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 76.96%  |
| 61) 1,2-Dichlorobenzene-d4     | 11.68  | 152   | 88425    | 24.29    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 97.16%  |

| Target Compounds       |      |    |       |            | Qvalue |
|------------------------|------|----|-------|------------|--------|
| 16) Methylene chloride | 2.54 | 84 | 10098 | 2.329 ug/L | 94     |

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_V\DATA\VV122018\  
Data File : VV009079.D  
Acq On : 20 Dec 2018 12:33  
Operator : SY/MD  
Sample : VV1220SBL01  
Misc : 5.00 G/10ML/MSVOA\_V/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
VBLK74

Quant Time: Dec 21 00:34:01 2018  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_V\METHOD\SOM2VLM120618S.M  
Quant Title : VOC Analysis  
QLast Update : Fri Dec 21 00:25:26 2018  
Response via : Initial Calibration

