

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040819\  
 Data File : VV010202.D  
 Acq On : 09 Apr 2019 04:08  
 Operator : SY/MD  
 Sample : K2254-18  
 Misc : 4.69G/10mL/MSVOA V/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BFC39

Quant Time: Apr 09 08:48:11 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOM2VLM040219S.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Apr 09 07:35:38 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.66  | 114  | 180272   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.90  | 117  | 134594   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 42615    | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |          |
|--------------------------------|--------|-------|----------|----------|------|----------|
| 4) Vinyl Chloride-d3           | 1.31   | 65    | 42686    | 17.69    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 70.76%   |
| 7) Chloroethane-d5             | 1.57   | 69    | 52378    | 17.47    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 69.88%   |
| 10) 1,1-Dichloroethene-d2      | 2.12   | 63    | 89355    | 14.68    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 58.72%   |
| 20) 2-Butanone-d5              | 3.94   | 46    | 42939    | 62.52    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 125.04%  |
| 24) Chloroform-d               | 4.40   | 84    | 95846    | 21.10    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 84.40%   |
| 26) 1,2-Dichloroethane-d4      | 5.08   | 65    | 62341    | 24.53    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 98.12%   |
| 29) Benzene-d6                 | 5.09   | 84    | 195177   | 27.96    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 111.84%  |
| 33) 1,2-Dichloropropane-d6     | 6.12   | 67    | 61907    | 30.05    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 120.20%# |
| 37) Toluene-d8                 | 7.36   | 98    | 158782   | 23.61    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 94.44%   |
| 38) trans-1,3-Dichloropropene- | 7.66   | 79    | 11914    | 13.53    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 54.12%   |
| 39) 2-Hexanone-d5              | 8.14   | 63    | 26083    | 63.14    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 126.28%  |
| 48) 1,1,2,2-Tetrachloroethane- | 10.26  | 84    | 53521    | 26.34    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 105.36%  |
| 61) 1,2-Dichlorobenzene-d4     | 11.68  | 152   | 40633    | 24.48    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 97.92%   |

## Target Compounds

|                        |      |    |       |             | Ovalue |
|------------------------|------|----|-------|-------------|--------|
| 13) Acetone            | 2.19 | 43 | 12642 | 18.619 ug/L | 91     |
| 14) Carbon disulfide   | 2.31 | 76 | 12672 | 2.477 ug/L  | 96     |
| 16) Methylene chloride | 2.53 | 84 | 11052 | 3.489 ug/L  | 83     |

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV040819\  
Data File : VV010202.D  
Acq On : 09 Apr 2019 04:08  
Operator : SY/MD  
Sample : K2254-18  
Misc : 4.69G/10mL/MSVOA V/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
BFC39

Quant Time: Apr 09 08:48:11 2019  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_V\METHOD\SOM2VLM040219S.M  
Quant Title : VOC Analysis  
QLast Update : Tue Apr 09 07:35:38 2019  
Response via : Initial Calibration

