

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050919\  
 Data File : VV010781.D  
 Acq On : 09 May 2019 21:45  
 Operator : SY/MD  
 Sample : K2690-18RE  
 Misc : 6.41G/10ML/MSVOA V/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 A5164RE

Quant Time: May 10 07:50:09 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOM2VLM050719S.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri May 10 05:43:08 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.67  | 114  | 37723    | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.90  | 117  | 38068    | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 13722    | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 11702    | 19.97    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 79.88%  |
| 7) Chloroethane-d5             | 1.58   | 69    | 11603    | 24.06    | ug/L | 0.01    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 96.24%  |
| 10) 1,1-Dichloroethene-d2      | 2.13   | 63    | 20160    | 15.86    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 63.44%  |
| 20) 2-Butanone-d5              | 3.94   | 46    | 8853     | 50.34    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 100.68% |
| 24) Chloroform-d               | 4.40   | 84    | 24894    | 24.20    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 96.80%  |
| 26) 1,2-Dichloroethane-d4      | 5.08   | 65    | 15993    | 24.90    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 99.60%  |
| 29) Benzene-d6                 | 5.10   | 84    | 43252    | 21.59    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 86.36%  |
| 33) 1,2-Dichloropropane-d6     | 6.12   | 67    | 15131    | 23.70    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 94.80%  |
| 37) Toluene-d8                 | 7.36   | 98    | 38699    | 20.17    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 80.68%  |
| 38) trans-1,3-Dichloropropene- | 7.66   | 79    | 5319     | 18.27    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 73.08%  |
| 39) 2-Hexanone-d5              | 8.13   | 63    | 5742     | 42.98    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 85.96%  |
| 48) 1,1,2,2-Tetrachloroethane- | 10.26  | 84    | 14685    | 24.47    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 97.88%  |
| 61) 1,2-Dichlorobenzene-d4     | 11.67  | 152   | 13816    | 26.00    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 104.00% |

| Target Compounds |      |    |      |        | Ovalue   |
|------------------|------|----|------|--------|----------|
| 13) Acetone      | 2.19 | 43 | 3434 | 12.614 | ug/L 100 |

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV050919\  
Data File : VV010781.D  
Acq On : 09 May 2019 21:45  
Operator : SY/MD  
Sample : K2690-18RE  
Misc : 6.41G/10ML/MSVOA V/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
A5164RE

Quant Time: May 10 07:50:09 2019  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_V\METHOD\SOM2VLM050719S.M  
Quant Title : VOC Analysis  
QLast Update : Fri May 10 05:43:08 2019  
Response via : Initial Calibration

