

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041919\  
 Data File : VW010070.D  
 Acq On : 19 Apr 2019 17:40  
 Operator : SY/VA  
 Sample : K2455-19  
 Misc : 5.08G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 GAHR9

Manual Integrations  
 APPROVED

MMDadoda

4/23/2019 6:57:06 AM

Quant Time: Apr 20 05:41:17 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM041519S.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Apr 20 03:50:46 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.84  | 114  | 693401   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 670897   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 328080   | 25.00 | ug/L  | 0.00     |

#### System Monitoring Compounds

|                                |        |       |          |          |      |        |
|--------------------------------|--------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 2.36   | 65    | 138398   | 21.12    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 84.48% |
| 7) Chloroethane-d5             | 2.89   | 69    | 124290   | 18.73    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 74.92% |
| 10) 1,1-Dichloroethene-d2      | 4.01   | 63    | 297241   | 16.36    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 65.44% |
| 20) 2-Butanone-d5              | 7.07   | 46    | 150534   | 42.47    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 84.94% |
| 24) Chloroform-d               | 7.64   | 84    | 450504   | 22.47    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 89.88% |
| 26) 1,2-Dichloroethane-d4      | 8.30   | 65    | 273957   | 22.03    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 88.12% |
| 29) Benzene-d6                 | 8.27   | 84    | 863085   | 23.41    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 93.64% |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 283608   | 24.15    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 96.60% |
| 37) Toluene-d8                 | 10.32  | 98    | 769986   | 22.89    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 91.56% |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 118210   | 21.23    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 84.92% |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 114622   | 44.05    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 88.10% |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 225980   | 20.57    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 82.28% |
| 61) 1,2-Dichlorobenzene-d4     | 13.86  | 152   | 290119   | 23.52    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 94.08% |

| Target Compounds       |      |    |        |            | Ovalue |
|------------------------|------|----|--------|------------|--------|
| 13) Acetone            | 4.12 | 43 | 7697   | 2.442 ug/L | 53     |
| 16) Methylene chloride | 4.90 | 84 | 64183m | 5.112 ug/L |        |

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW041919\  
Data File : VW010070.D  
Acq On : 19 Apr 2019 17:40  
Operator : SY/VA  
Sample : K2455-19  
Misc : 5.08G/10ML/MSVOA W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
GAHR9

Manual Integrations  
APPROVED

MMDadoda

Quant Time: Apr 20 05:41:17 2019  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM041519S.M  
Quant Title : VOC Analysis  
QLast Update : Sat Apr 20 03:50:46 2019  
Response via : Initial Calibration

4/23/2019 6:57:06 AM

