

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102519\  
 Data File : VW013754.D  
 Acq On : 25 Oct 2019 17:50  
 Operator : SY/VA  
 Sample : K5549-11  
 Misc : 4.63G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 GAQ64

Manual Integrations  
 APPROVED

MMDadoda  
 10/28/2019 9:41:35 AM

Quant Time: Oct 26 05:46:15 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM101819S.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Oct 26 03:37:49 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.84  | 114  | 289793   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 264217   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.55 | 152  | 125525   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |          |
|--------------------------------|--------|-------|----------|----------|------|----------|
| 4) Vinyl Chloride-d3           | 2.36   | 65    | 104238   | 29.32    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 117.28%  |
| 7) Chloroethane-d5             | 2.89   | 69    | 82714    | 24.92    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 99.68%   |
| 10) 1,1-Dichloroethene-d2      | 4.02   | 63    | 156462   | 19.92    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 79.68%   |
| 20) 2-Butanone-d5              | 7.08   | 46    | 89311    | 70.23    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 140.46%# |
| 24) Chloroform-d               | 7.65   | 84    | 209880   | 25.88    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 103.52%  |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 122409   | 28.87    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 115.48%  |
| 29) Benzene-d6                 | 8.27   | 84    | 442615   | 27.88    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 111.52%  |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 136073   | 28.70    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 114.80%  |
| 37) Toluene-d8                 | 10.32  | 98    | 395447   | 27.01    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 108.04%  |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 58076    | 27.15    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 108.60%  |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 70943    | 78.28    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 156.56%# |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 126028   | 32.46    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 129.84%# |
| 61) 1,2-Dichlorobenzene-d4     | 13.85  | 152   | 115894   | 26.13    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 104.52%  |

| Target Compounds   |       |    |       |             | Ovalue |
|--------------------|-------|----|-------|-------------|--------|
| 13) Acetone        | 4.13  | 43 | 25049 | 17.748 ug/L | 96     |
| 15) Methyl Acetate | 4.68  | 43 | 6998m | 3.034 ug/L  |        |
| 44) Toluene        | 10.38 | 91 | 11184 | 0.549 ug/L  | 90     |

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102519\  
Data File : VW013754.D  
Acq On : 25 Oct 2019 17:50  
Operator : SY/VA  
Sample : K5549-11  
Misc : 4.63G/10ML/MSVOA W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
GAQ64

Manual Integrations  
APPROVED

MMDadoda  
10/28/2019 9:41:35 AM

Quant Time: Oct 26 05:46:15 2019  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM101819S.M  
Quant Title : VOC Analysis  
QLast Update : Sat Oct 26 03:37:49 2019  
Response via : Initial Calibration

