

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072718\  
 Data File : VW004235.D  
 Acq On : 26 Jul 2018 18:33  
 Operator : SY/AP  
 Sample : J4169-03  
 Misc : 5.34G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BEY58

Manual Integrations  
 APPROVED

MMDadoda  
 7/30/2018 11:42:32 AM

Quant Time: Jul 27 03:49:11 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM072618S.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Jul 27 02:54:01 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.85  | 114  | 355514   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 322492   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.57 | 152  | 121115   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |          |
|--------------------------------|--------|-------|----------|----------|------|----------|
| 4) Vinyl Chloride-d3           | 2.34   | 65    | 89491    | 25.00    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 100.00%  |
| 7) Chloroethane-d5             | 2.89   | 69    | 65631    | 25.21    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 100.84%  |
| 10) 1,1-Dichloroethene-d2      | 4.00   | 63    | 159262   | 18.64    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 74.56%   |
| 20) 2-Butanone-d5              | 7.08   | 46    | 110069   | 54.32    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 108.64%  |
| 24) Chloroform-d               | 7.65   | 84    | 239078   | 26.26    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 105.04%  |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 154200   | 28.16    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 112.64%  |
| 29) Benzene-d6                 | 8.27   | 84    | 473823   | 27.72    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 110.88%  |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 161593   | 28.43    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 113.72%  |
| 37) Toluene-d8                 | 10.33  | 98    | 430859   | 26.67    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 106.68%  |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 66592    | 25.81    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 103.24%  |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 81269    | 54.40    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 108.80%  |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 158665   | 27.33    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 109.32%  |
| 61) 1,2-Dichlorobenzene-d4     | 13.86  | 152   | 137032   | 30.27    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 121.08%# |

| Target Compounds      |       |     |       |       |      | Ovalue |
|-----------------------|-------|-----|-------|-------|------|--------|
| 13) Acetone           | 4.12  | 43  | 28845 | 14.10 | ug/L | 99     |
| 21) 2-Butanone        | 7.17  | 43  | 7443m | 2.89  | ug/L |        |
| 47) Tetrachloroethene | 10.87 | 164 | 16352 | 4.19  | ug/L | 96     |

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072718\  
Data File : VW004235.D  
Acq On : 26 Jul 2018 18:33  
Operator : SY/AP  
Sample : J4169-03  
Misc : 5.34G/10ML/MSVOA W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
BEY58

Manual Integrations  
APPROVED

MMDadoda  
7/30/2018 11:42:32 AM

Quant Time: Jul 27 03:49:11 2018  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM072618S.M  
Quant Title : VOC Analysis  
QLast Update : Fri Jul 27 02:54:01 2018  
Response via : Initial Calibration

