

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_U\DATA\VU082418\  
 Data File : VU026331.D  
 Acq On : 24 Aug 2018 14:18  
 Operator : MD/SY  
 Sample : J4624-06MEDL 10X  
 Misc : 6.12g/5.0mL/100uL/5.0mL/MSVOA\_U/MEOH  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 E4432MEDL

Quant Time: Aug 25 04:00:35 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM082218WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Aug 25 02:29:46 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.89  | 114  | 301565   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 294488   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.49 | 152  | 135770   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.40    | 65    | 70734    | 38.46    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 76.92%  |
| 7) Chloroethane-d5             | 1.67    | 69    | 64081    | 42.72    | ug/L | -0.01   |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 85.44%  |
| 11) 1,1-Dichloroethene-d2      | 2.27    | 63    | 112505   | 31.12    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 62.24%  |
| 21) 2-Butanone-d5              | 4.18    | 46    | 126331   | 86.06    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 86.06%  |
| 24) Chloroform-d               | 4.65    | 84    | 170855   | 41.67    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 83.34%  |
| 26) 1,2-Dichloroethane-d4      | 5.31    | 65    | 113511   | 42.54    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 85.08%  |
| 32) Benzene-d6                 | 5.34    | 84    | 332016   | 42.14    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 84.28%  |
| 36) 1,2-Dichloropropane-d6     | 6.33    | 67    | 107762   | 42.60    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 85.20%  |
| 41) Toluene-d8                 | 7.57    | 98    | 294542   | 39.11    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 78.22%# |
| 43) trans-1,3-Dichloropropene- | 7.85    | 79    | 51243    | 39.21    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 78.42%  |
| 47) 2-Hexanone-d5              | 8.31    | 63    | 90043    | 83.29    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 83.29%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43   | 84    | 159642   | 42.64    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 85.28%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.86   | 152   | 129658   | 45.01    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 90.02%  |

## Target Compounds

|                            |      |     |       |             | Qvalue |
|----------------------------|------|-----|-------|-------------|--------|
| 20) cis-1,2-Dichloroethene | 4.23 | 96  | 5943  | 2.752 ug/L  | 87     |
| 34) Trichloroethene        | 6.19 | 95  | 8347  | 3.932 ug/L  | 93     |
| 46) Tetrachloroethene      | 8.23 | 164 | 39484 | 21.615 ug/L | 95     |

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_U\DATA\VU082418\  
Data File : VU026331.D  
Acq On : 24 Aug 2018 14:18  
Operator : MD/SY  
Sample : J4624-06MEDL 10X  
Misc : 6.12g/5.0mL/100uL/5.0mL/MSVOA\_U/MEOH  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
E4432MEDL

Quant Time: Aug 25 04:00:35 2018  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM082218WMA.M  
Quant Title : VOC Analysis  
QLast Update : Sat Aug 25 02:29:46 2018  
Response via : Initial Calibration

