

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061120\  
 Data File : VU038786.D  
 Acq On : 10 Jun 2020 19:18  
 Operator : SY/MD  
 Sample : L2913-09DL 40X  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 F9E49DL

Quant Time: Jun 11 04:43:36 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM060820WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Jun 11 03:42:48 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.28  | 114  | 575998   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.43  | 117  | 554774   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.82 | 152  | 261750   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.61    | 65    | 193028   | 59.98    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 119.96% |
| 7) Chloroethane-d5             | 1.93    | 69    | 150449   | 60.26    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 120.52% |
| 11) 1,1-Dichloroethene-d2      | 2.59    | 63    | 289849   | 41.33    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 82.66%  |
| 21) 2-Butanone-d5              | 4.67    | 46    | 377365   | 120.53   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 120.53% |
| 24) Chloroform-d               | 5.10    | 84    | 375474   | 54.12    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 108.24% |
| 26) 1,2-Dichloroethane-d4      | 5.74    | 65    | 260334   | 56.61    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 113.22% |
| 32) Benzene-d6                 | 5.76    | 84    | 761446   | 56.98    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 113.96% |
| 36) 1,2-Dichloropropane-d6     | 6.72    | 67    | 232213   | 56.38    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 112.76% |
| 41) Toluene-d8                 | 7.92    | 98    | 654024   | 54.16    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 108.32% |
| 43) trans-1,3-Dichloropropene- | 8.20    | 79    | 110191   | 53.14    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 106.28% |
| 47) 2-Hexanone-d5              | 8.65    | 63    | 258078   | 117.72   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 117.72% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.77   | 84    | 325907   | 53.05    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 106.10% |
| 64) 1,2-Dichlorobenzene-d4     | 12.20   | 152   | 265438   | 58.41    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 116.82% |

## Target Compounds

| Target Compounds | R.T.  | QIon | Response | Conc    | Units | Ovalue |
|------------------|-------|------|----------|---------|-------|--------|
| 29) Cyclohexane  | 5.42  | 56   | 5281     | 0.832   | ug/L  | # 81   |
| 33) Benzene      | 5.81  | 78   | 1809164  | 109.817 | ug/L  | 100    |
| 42) Toluene      | 7.99  | 91   | 51155    | 2.970   | ug/L  | 97     |
| 52) Ethylbenzene | 9.59  | 91   | 105908   | 5.571   | ug/L  | 99     |
| 53) m,p-Xylene   | 9.71  | 106  | 12958    | 1.776   | ug/L  | 92     |
| 54) o-xylene     | 10.11 | 106  | 12511    | 1.766   | ug/L  | 96     |

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061120\  
Data File : VU038786.D  
Acq On : 10 Jun 2020 19:18  
Operator : SY/MD  
Sample : L2913-09DL 40X  
Misc : 5.0mL/MSVOA U/WATER  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
F9E49DL

Quant Time: Jun 11 04:43:36 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM060820WMA.M  
Quant Title : VOC Analysis  
QLast Update : Thu Jun 11 03:42:48 2020  
Response via : Initial Calibration

