

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU102218\  
 Data File : VU027734.D  
 Acq On : 22 Oct 2018 11:15  
 Operator : MD/SY  
 Sample : VU1022WBL01  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VBLK62

Quant Time: Oct 23 08:13:29 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM102218WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Oct 23 08:01:28 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.89  | 114  | 119827   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 108676   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 48110    | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.40    | 65    | 44068    | 47.27    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 94.54%  |
| 7) Chloroethane-d5             | 1.68    | 69    | 34304    | 47.79    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 95.58%  |
| 11) 1,1-Dichloroethene-d2      | 2.27    | 63    | 61306    | 36.51    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 73.02%  |
| 21) 2-Butanone-d5              | 4.18    | 46    | 76037    | 95.70    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 95.70%  |
| 24) Chloroform-d               | 4.65    | 84    | 78140    | 46.62    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 93.24%  |
| 26) 1,2-Dichloroethane-d4      | 5.31    | 65    | 55841    | 48.11    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 96.22%  |
| 32) Benzene-d6                 | 5.34    | 84    | 155291   | 50.18    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 100.36% |
| 36) 1,2-Dichloropropane-d6     | 6.33    | 67    | 55501    | 50.23    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 100.46% |
| 41) Toluene-d8                 | 7.57    | 98    | 142827   | 50.03    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 100.06% |
| 43) trans-1,3-Dichloropropene- | 7.85    | 79    | 27223    | 50.73    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 101.46% |
| 47) 2-Hexanone-d5              | 8.31    | 63    | 55433    | 98.03    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 98.03%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43   | 84    | 68607    | 48.08    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 96.16%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.86   | 152   | 49079    | 49.80    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 99.60%  |

| Target Compounds | Ovalue |
|------------------|--------|
| -----            |        |

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU102218\  
Data File : VU027734.D  
Acq On : 22 Oct 2018 11:15  
Operator : MD/SY  
Sample : VU1022WBL01  
Misc : 5.0mL/MSVOA U/WATER  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
VBLK62

Quant Time: Oct 23 08:13:29 2018  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM102218WMA.M  
Quant Title : VOC Analysis  
QLast Update : Tue Oct 23 08:01:28 2018  
Response via : Initial Calibration

