

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072118\  
 Data File : VU025579.D  
 Acq On : 21 Jul 2018 12:54  
 Operator : MD/SY  
 Sample : J4037-06ME  
 Misc : 5.54g/5.0ml/100uL/5.0mL/MSVOA\_U/MEOH  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BEY49ME

Manual Integrations  
 APPROVED

sam  
 7/24/2018 9:28:22 AM

Quant Time: Jul 23 01:51:57 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM072018WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Mon Jul 23 01:10:42 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.89  | 114  | 324154   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 309925   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.49 | 152  | 174451   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.40    | 65    | 47642    | 25.74    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 51.48%# |
| 7) Chloroethane-d5             | 1.64    | 69    | 33813m   | 22.15    | ug/L | -0.04   |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 44.30%# |
| 11) 1,1-Dichloroethene-d2      | 2.24    | 63    | 85192m   | 22.11    | ug/L | -0.04   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 44.22%# |
| 21) 2-Butanone-d5              | 4.19    | 46    | 131830   | 92.27    | ug/L | 0.02    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 92.27%  |
| 24) Chloroform-d               | 4.65    | 84    | 153134   | 37.15    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 74.30%  |
| 26) 1,2-Dichloroethane-d4      | 5.31    | 65    | 107980   | 39.61    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 79.22%  |
| 32) Benzene-d6                 | 5.34    | 84    | 283827   | 35.71    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 71.42%  |
| 36) 1,2-Dichloropropane-d6     | 6.33    | 67    | 97636    | 38.12    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 76.24%  |
| 41) Toluene-d8                 | 7.57    | 98    | 268745   | 35.26    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 70.52%# |
| 43) trans-1,3-Dichloropropene- | 7.85    | 79    | 47652    | 36.42    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 72.84%  |
| 47) 2-Hexanone-d5              | 8.32    | 63    | 105681   | 98.55    | ug/L | 0.01    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 98.55%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.44   | 84    | 161449   | 45.07    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 90.14%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.87   | 152   | 139269   | 39.39    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 78.78%# |

| Target Compounds      |      |     |       |            | Ovalue |
|-----------------------|------|-----|-------|------------|--------|
| 46) Tetrachloroethene | 8.23 | 164 | 63019 | 30.77 ug/L | 97     |

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU072118\  
Data File : VU025579.D  
Acq On : 21 Jul 2018 12:54  
Operator : MD/SY  
Sample : J4037-06ME  
Misc : 5.54g/5.0ml/100uL/5.0mL/MSVOA\_U/MEOH  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
BEY49ME

Manual Integrations  
APPROVED

sam  
7/24/2018 9:28:22 AM

Quant Time: Jul 23 01:51:57 2018  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM072018WMA.M  
Quant Title : VOC Analysis  
QLast Update : Mon Jul 23 01:10:42 2018  
Response via : Initial Calibration

