

Data File : VU031925.D  
Acq On : 11 May 2019 12:52  
Operator : JC/SP  
Sample : K2705-14DL 40X  
Misc : 5.0mL/MSVOA\_U/WATER  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :

Quant Time: May 13 04:30:46 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM042719WMA.M  
Quant Title : VOC Analysis  
QLast Update : Mon May 13 01:54:07 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.88  | 114  | 1031190  | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 1006946  | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 380586   | 50.00 | ug/L  | 0.00     |

#### System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.40    | 65    | 348925   | 40.43    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 80.86%  |
| 7) Chloroethane-d5             | 1.67    | 69    | 314185m  | 47.11    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 94.22%  |
| 11) 1,1-Dichloroethene-d2      | 2.27    | 63    | 502690   | 29.25    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 58.50%# |
| 21) 2-Butanone-d5              | 4.17    | 46    | 655563   | 83.84    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 83.84%  |
| 24) Chloroform-d               | 4.64    | 84    | 696292   | 44.05    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 88.10%  |
| 26) 1,2-Dichloroethane-d4      | 5.30    | 65    | 462697   | 44.81    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 89.62%  |
| 32) Benzene-d6                 | 5.34    | 84    | 1402027  | 45.34    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 90.68%  |
| 36) 1,2-Dichloropropane-d6     | 6.32    | 67    | 494617   | 45.47    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 90.94%  |
| 41) Toluene-d8                 | 7.56    | 98    | 1163242  | 43.19    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 86.38%  |
| 43) trans-1,3-Dichloropropene- | 7.85    | 79    | 195861   | 41.94    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 83.88%  |
| 47) 2-Hexanone-d5              | 8.31    | 63    | 418202   | 88.82    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 88.82%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43   | 84    | 687367   | 47.08    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 94.16%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.85   | 152   | 394451   | 49.28    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 98.56%  |

| Target Compounds           |      |     |        |             | Qvalue |
|----------------------------|------|-----|--------|-------------|--------|
| 13) Acetone                | 2.32 | 43  | 11475  | 1.303 ug/L  | 98     |
| 20) cis-1,2-Dichloroethene | 4.22 | 96  | 116697 | 12.977 ug/L | 96     |
| 34) Trichloroethene        | 6.18 | 95  | 527925 | 58.828 ug/L | 99     |
| 46) Tetrachloroethene      | 8.22 | 164 | 275456 | 45.024 ug/L | 96     |

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

Data File : VU031925.D  
Acq On : 11 May 2019 12:52  
Operator : JC/SP  
Sample : K2705-14DL 40X  
Misc : 5.0mL/MSVOA\_U/WATER  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :

Quant Time: May 13 04:30:46 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM042719WMA.M  
Quant Title : VOC Analysis  
QLast Update : Mon May 13 01:54:07 2019  
Response via : Initial Calibration

