

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV030920\  
 Data File : VV014782.D  
 Acq On : 09 Mar 2020 17:25  
 Operator : SY/MD  
 Sample : L1835-10  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0DJ8

Quant Time: Mar 10 16:48:53 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM030620WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Mar 10 14:44:37 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 443070   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 424487   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 209067   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |        |
|--------------------------------|---------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 119432   | 39.83    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 79.66% |
| 7) Chloroethane-d5             | 1.58    | 69    | 99354    | 41.91    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 83.82% |
| 11) 1,1-Dichloroethene-d2      | 2.12    | 63    | 154401   | 30.99    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 61.98% |
| 21) 2-Butanone-d5              | 3.94    | 46    | 207077   | 92.60    | ug/L | 0.01   |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 92.60% |
| 24) Chloroform-d               | 4.38    | 84    | 250406   | 44.10    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 88.20% |
| 26) 1,2-Dichloroethane-d4      | 5.06    | 65    | 173355   | 44.95    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 89.90% |
| 32) Benzene-d6                 | 5.08    | 84    | 526148   | 46.94    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 93.88% |
| 36) 1,2-Dichloropropane-d6     | 6.10    | 67    | 164333   | 44.24    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 88.48% |
| 41) Toluene-d8                 | 7.34    | 98    | 499963   | 45.54    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 91.08% |
| 43) trans-1,3-Dichloropropene- | 7.64    | 79    | 79492    | 43.83    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 87.66% |
| 47) 2-Hexanone-d5              | 8.12    | 63    | 162266   | 98.38    | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 98.38% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24   | 84    | 228762   | 44.77    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 89.54% |
| 64) 1,2-Dichlorobenzene-d4     | 11.65   | 152   | 198993   | 48.02    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 96.04% |

## Target Compounds

|                            |       |     |       |            | Ovalue |
|----------------------------|-------|-----|-------|------------|--------|
| 25) Chloroform             | 4.41  | 83  | 6198  | 1.030 ug/L | 90     |
| 51) Chlorobenzene          | 8.90  | 112 | 17324 | 1.985 ug/L | 98     |
| 62) 1,3-Dichlorobenzene    | 11.20 | 146 | 6238  | 0.923 ug/L | 91     |
| 63) 1,4-Dichlorobenzene    | 11.29 | 146 | 27930 | 4.101 ug/L | 97     |
| 65) 1,2-Dichlorobenzene    | 11.66 | 146 | 21442 | 3.186 ug/L | 96     |
| 68) 1,2,4-trichlorobenzene | 13.28 | 180 | 8526  | 1.774 ug/L | 94     |
| 70) 1,2,3-Trichlorobenzene | 13.77 | 180 | 3453  | 0.721 ug/L | 93     |

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV030920\  
Data File : VV014782.D  
Acq On : 09 Mar 2020 17:25  
Operator : SY/MD  
Sample : L1835-10  
Misc : 5.0mL/MSVOA V/WATER  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
C0DJ8

Quant Time: Mar 10 16:48:53 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM030620WMA.M  
Quant Title : VOC Analysis  
QLast Update : Tue Mar 10 14:44:37 2020  
Response via : Initial Calibration

