

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_U\DATA\VU121219\  
Quantitation Report (QT Reviewed)

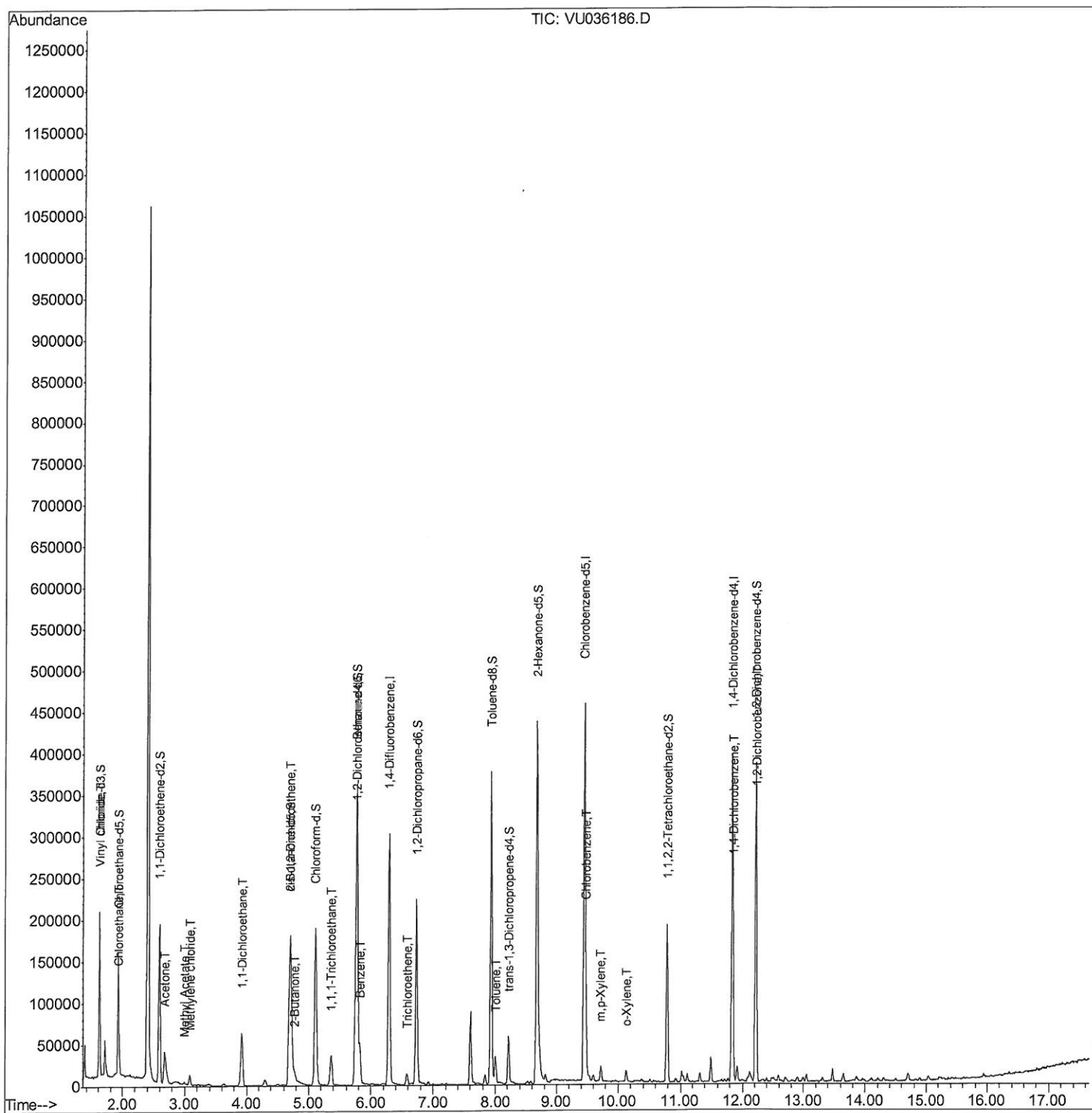
Data File : VU036186.D  
Acq On : 13 Dec 2019 06:54  
Operator : JC/MD  
Sample : K6240-16  
Misc : 25.0mL/MSVOA\_U/WATER  
ALS Vial : 43 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
BFQW9

Manual Integrations  
APPROVED

apatel  
12/13/2019 3:58:58 PM

Quant Time: Dec 13 08:22:33 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR121219WMA.M  
Quant Title : TRACE VOA SOM01.0  
QLast Update : Fri Dec 13 04:38:02 2019  
Response via : Initial Calibration



Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_U\DATA\VU121219\  
Quantitation Report (Qedit)

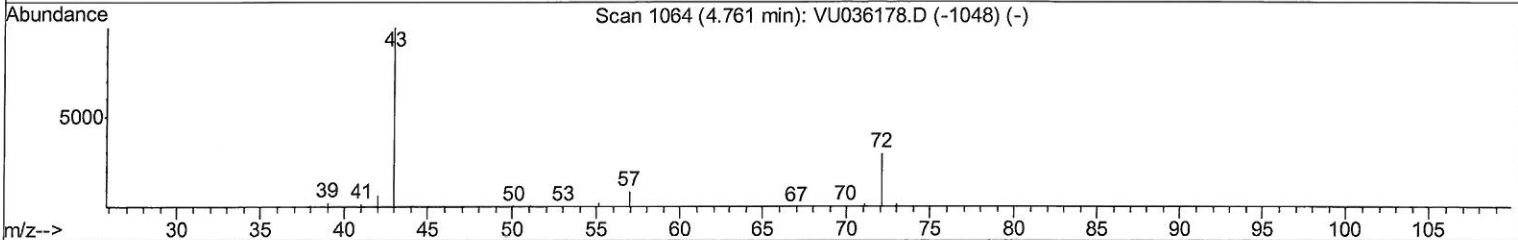
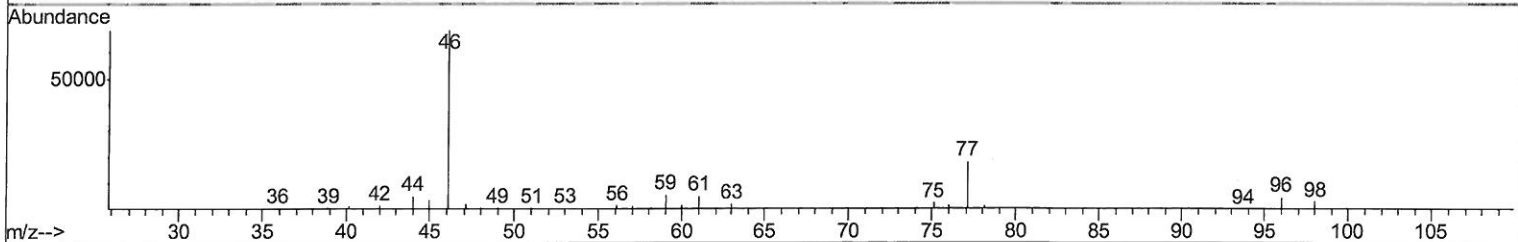
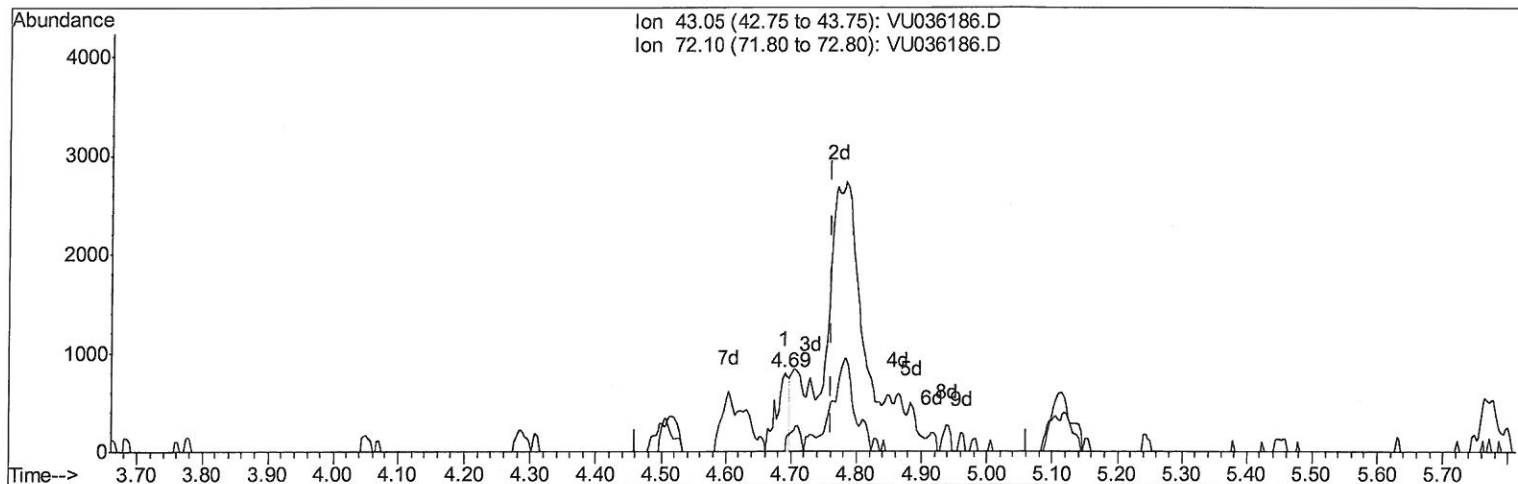
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ClientSampled :  
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Quant Time: Dec 13 08:03:56 2019  
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TIC: VU036186.D

(21) 2-Butanone (T)

4.690min (-0.071) 0.22ug/L

response 1071

| Ion   | Exp%  | Act%  |
|-------|-------|-------|
| 43.05 | 100   | 100   |
| 72.10 | 28.80 | 28.57 |
| 0.00  | 0.00  | 0.00  |
| 0.00  | 0.00  | 0.00  |

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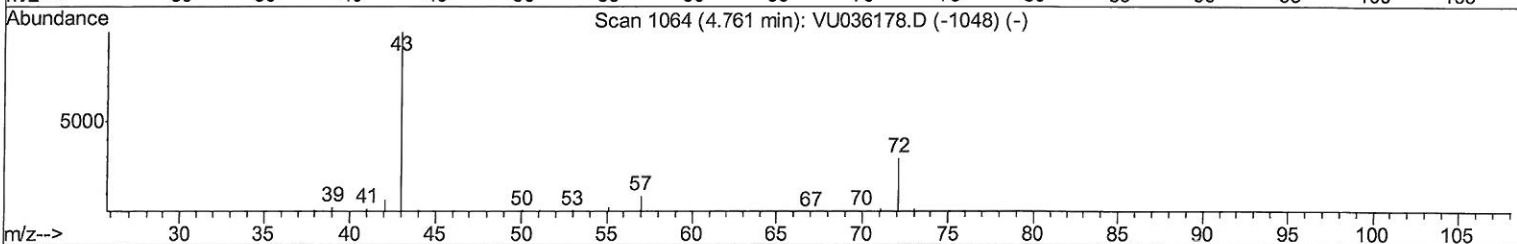
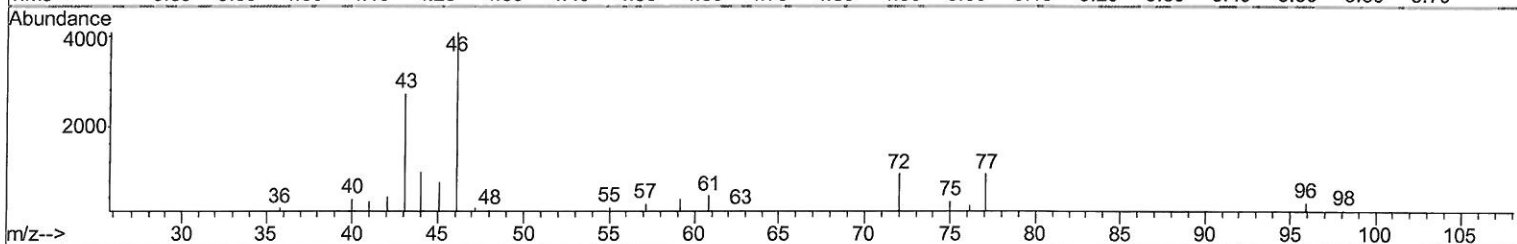
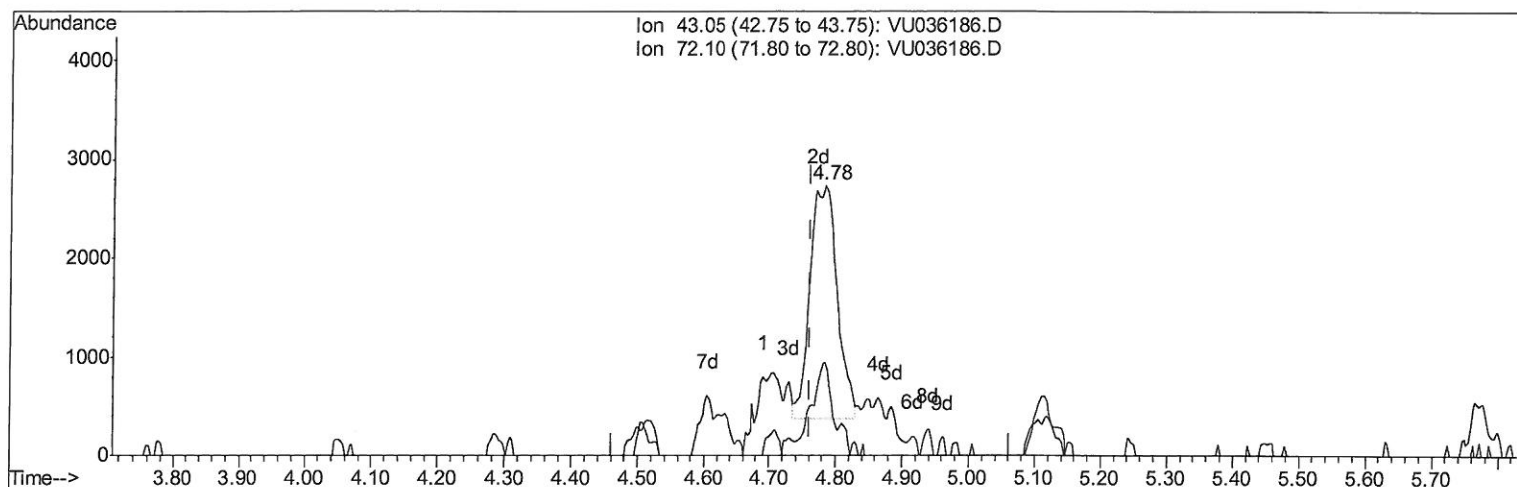
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TIC: VU036186.D

(21) 2-Butanone (T)

4.784min (+0.022) 1.39ug/L m

response 6694

| Ion   | Exp%  | Act%  |
|-------|-------|-------|
| 43.05 | 100   | 100   |
| 72.10 | 28.80 | 4.57# |
| 0.00  | 0.00  | 0.00  |
| 0.00  | 0.00  | 0.00  |

7 MD  
12/16/19

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Instrument :  
MSVOA\_U  
ClientSampleId :  
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Manual Integrations  
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Quant Title : TRACE VOA SOM01.0  
QLast Update : Fri Dec 13 04:38:02 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.29  | 114  | 254532   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.45  | 117  | 268008   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.83 | 152  | 110578   | 5.00 | ug/L  | 0.00     |

#### System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.61   | 65    | 104983   | 4.07     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 81.40%  |
| 7) Chloroethane-d5             | 1.93   | 69    | 102650   | 4.53     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 90.60%  |
| 11) 1,1-Dichloroethene-d2      | 2.59   | 63    | 111279   | 3.27     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 65.40%  |
| 20) 2-Butanone-d5              | 4.70   | 46    | 218033   | 52.61    | ug/L | 0.01    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 105.22% |
| 24) Chloroform-d               | 5.11   | 84    | 175644   | 4.69     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 93.80%  |
| 26) 1,2-Dichloroethane-d4      | 5.75   | 65    | 93404    | 4.92     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 98.40%  |
| 32) Benzene-d6                 | 5.77   | 84    | 329686   | 4.60     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 92.00%  |
| 36) 1,2-Dichloropropane-d6     | 6.73   | 67    | 108596   | 4.87     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 97.40%  |
| 41) Toluene-d8                 | 7.93   | 98    | 261757   | 3.96     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 79.20%  |
| 43) trans-1,3-Dichloropropene- | 8.21   | 79    | 33560    | 3.60     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 72.00%  |
| 46) 2-Hexanone-d5              | 8.68   | 63    | 157683   | 46.03    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 92.06%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.78  | 84    | 95418    | 4.80     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 96.00%  |
| 64) 1,2-Dichlorobenzene-d4     | 12.22  | 152   | 106097   | 5.05     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 101.00% |

#### Target Compounds

|                            |       |     |       |        | Qvalue    |
|----------------------------|-------|-----|-------|--------|-----------|
| 5) Vinyl chloride          | 1.62  | 62  | 30868 | 0.908  | ug/L 94   |
| 8) Chloroethane            | 1.95  | 64  | 14065 | 0.672  | ug/L 96   |
| 13) Acetone                | 2.68  | 43  | 60901 | 16.893 | ug/L 97   |
| 15) Methyl Acetate         | 3.00  | 43  | 4746  | 0.617  | ug/L 98   |
| 16) Methylene chloride     | 3.08  | 84  | 5645  | 0.210  | ug/L 96   |
| 19) 1,1-Dichloroethane     | 3.92  | 63  | 70233 | 1.919  | ug/L 98   |
| 21) 2-Butanone             | 4.78  | 43  | 6694m | 1.393  | ug/L      |
| 22) cis-1,2-Dichloroethene | 4.72  | 96  | 48661 | 2.376  | ug/L 96   |
| 29) 1,1,1-Trichloroethane  | 5.36  | 97  | 26524 | 0.807  | ug/L 97   |
| 33) Benzene                | 5.82  | 78  | 46252 | 0.561  | ug/L 100  |
| 34) Trichloroethene        | 6.58  | 95  | 4101  | 0.195  | ug/L 91   |
| 42) Toluene                | 8.00  | 91  | 22688 | 0.260  | ug/L 96   |
| 51) Chlorobenzene          | 9.47  | 112 | 36328 | 0.639  | ug/L 98   |
| 53) m,p-Xylene             | 9.72  | 106 | 5266  | 0.158  | ug/L 100  |
| 54) o-Xylene               | 10.13 | 106 | 2964  | 0.093  | ug/L 82   |
| 63) 1,4-Dichlorobenzene    | 11.86 | 146 | 3907  | 0.110  | ug/L 96   |
| 65) 1,2-Dichlorobenzene    | 12.23 | 146 | 4405  | 0.126  | ug/L # 86 |

2 ml  
12/16/19



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| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev (Min) |
|--------------------|------|------|----------|------|-------|-----------|
|--------------------|------|------|----------|------|-------|-----------|

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