Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV030519\

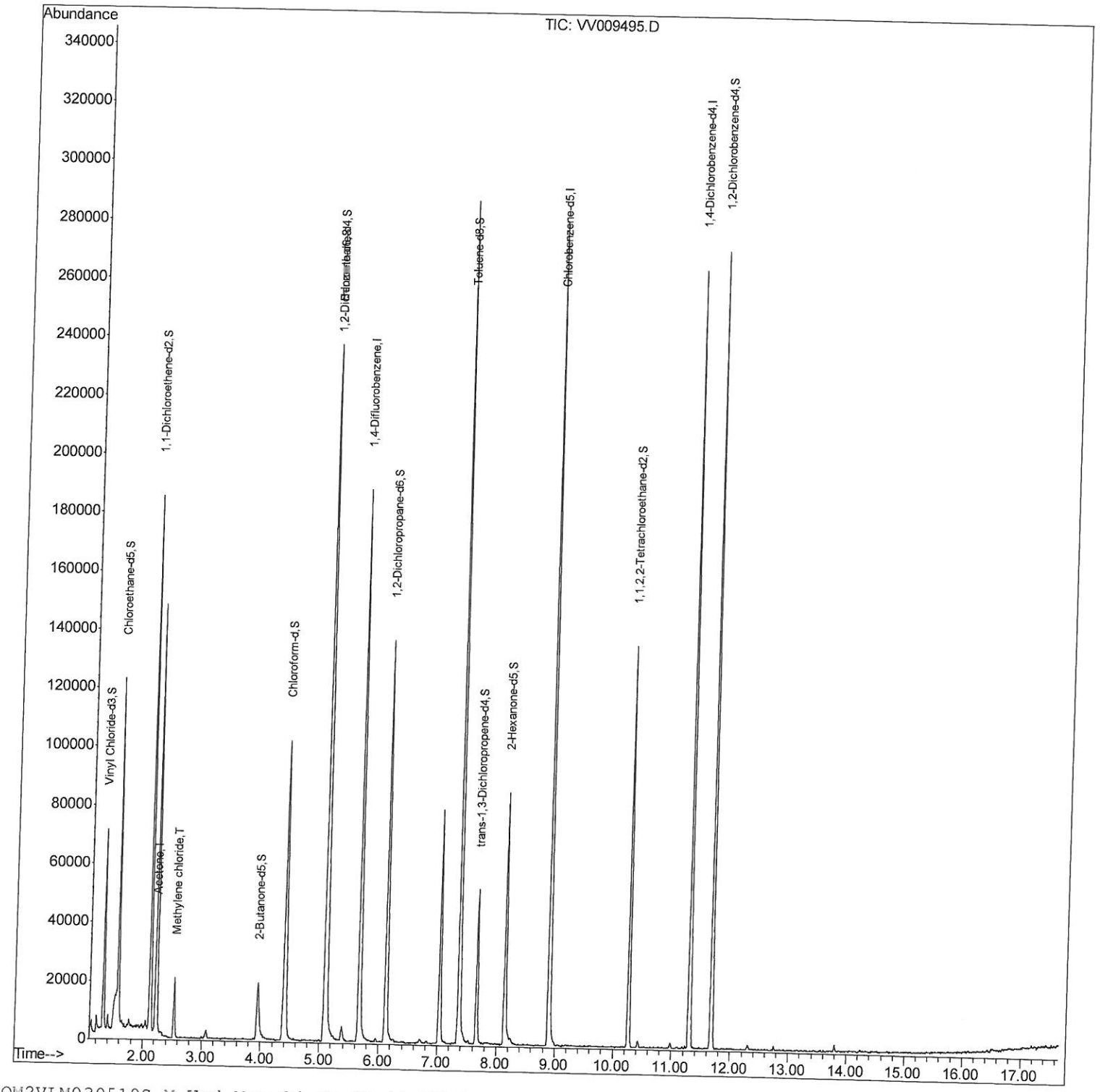
Quantitation Report (QT Reviewed)

Data File : VV009495.D
Acq On : 05 Mar 2019 19:40
Operator : SY/MD
Sample : K1662-08
Misc : 4.75G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 06 05:38:48 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM030519S.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 06 04:12:03 2019
Response via : Initial Calibration

**Instrument :**
MSVOA_V
**ClientSampleId :**
BFC62

**Manual Integrations APPROVED**
MMDadoda
3/8/2019 12:10:40 AM



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV030519\

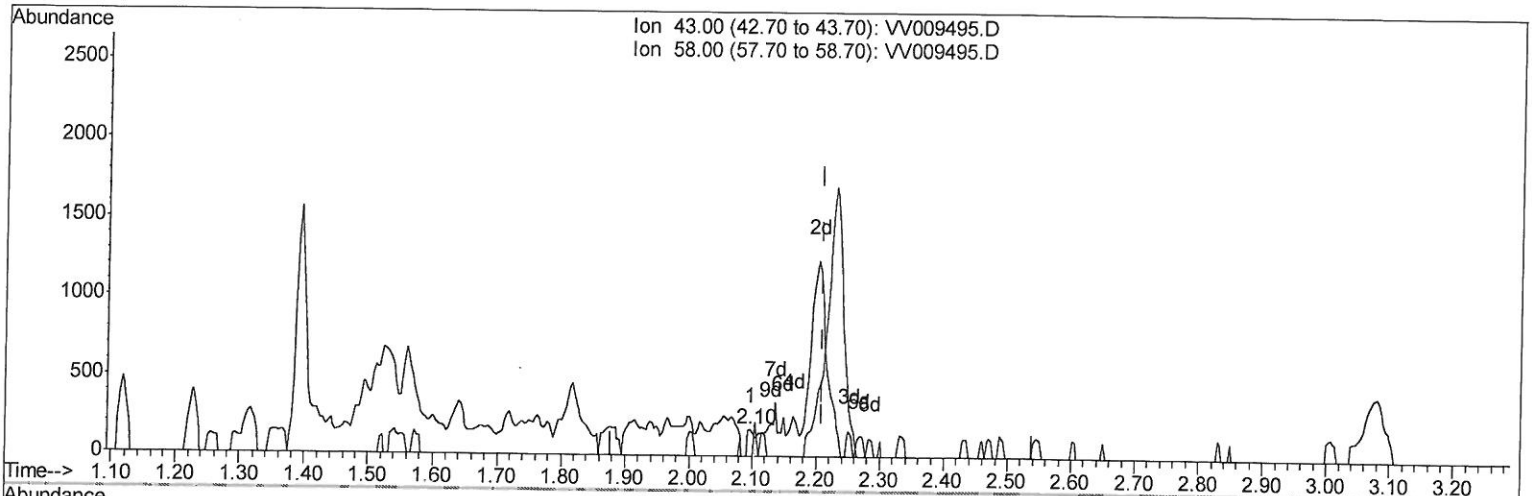
Quantitation Report (Qedit)

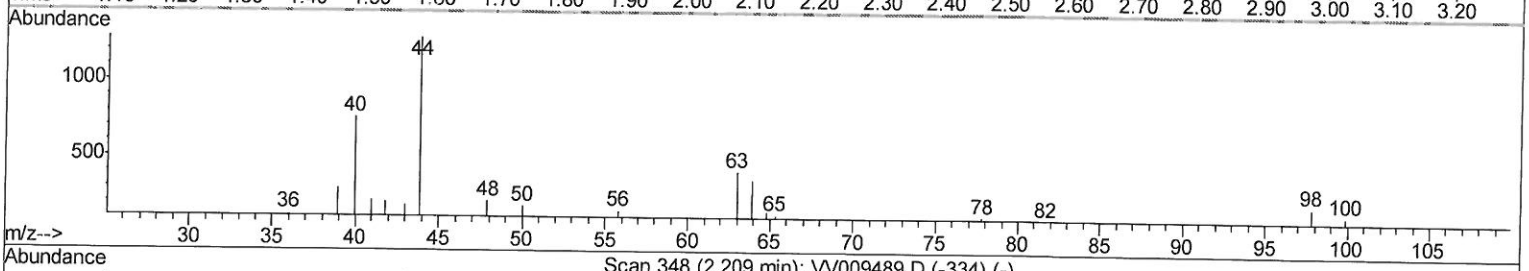
Data File : VV009495.D
Acq On : 05 Mar 2019 19:40
Operator : SY/MD
Sample : K1662-08
Misc : 4.75G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

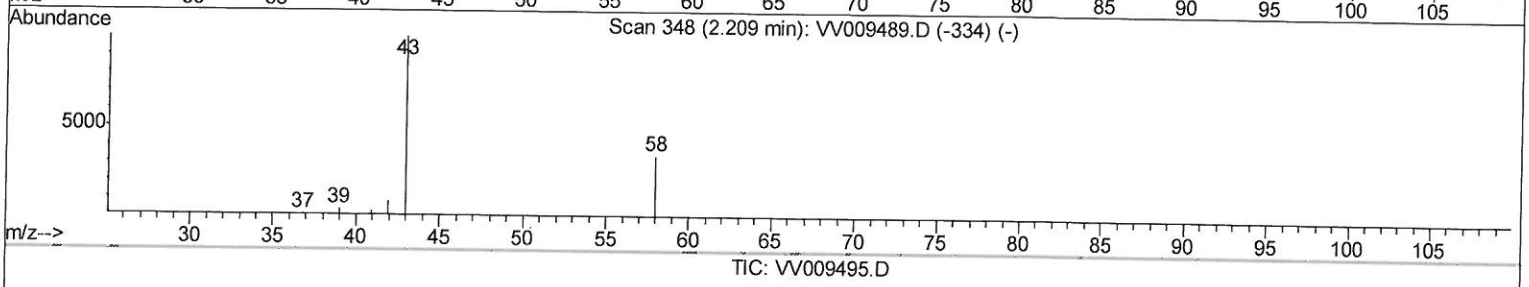
Quant Time: Mar 06 04:15:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM030519S.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 06 04:12:03 2019
Response via : Initial Calibration

**Instrument :**
MSVOA_V
**ClientSampleId :**
BFC62

**Manual Integrations APPROVED**
MMDadoda
3/8/2019 12:10:40 AM




TIC: VV009495.D

(13) Acetone (T)

2.097min (-0.112) 0.17ug/L

response 115

| Ion | Exp% | Act% |
|---|---|---|
| 43.00 | 100 | 100 |
| 58.00 | 34.40 | 60.00 |
| 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 |

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV030519\

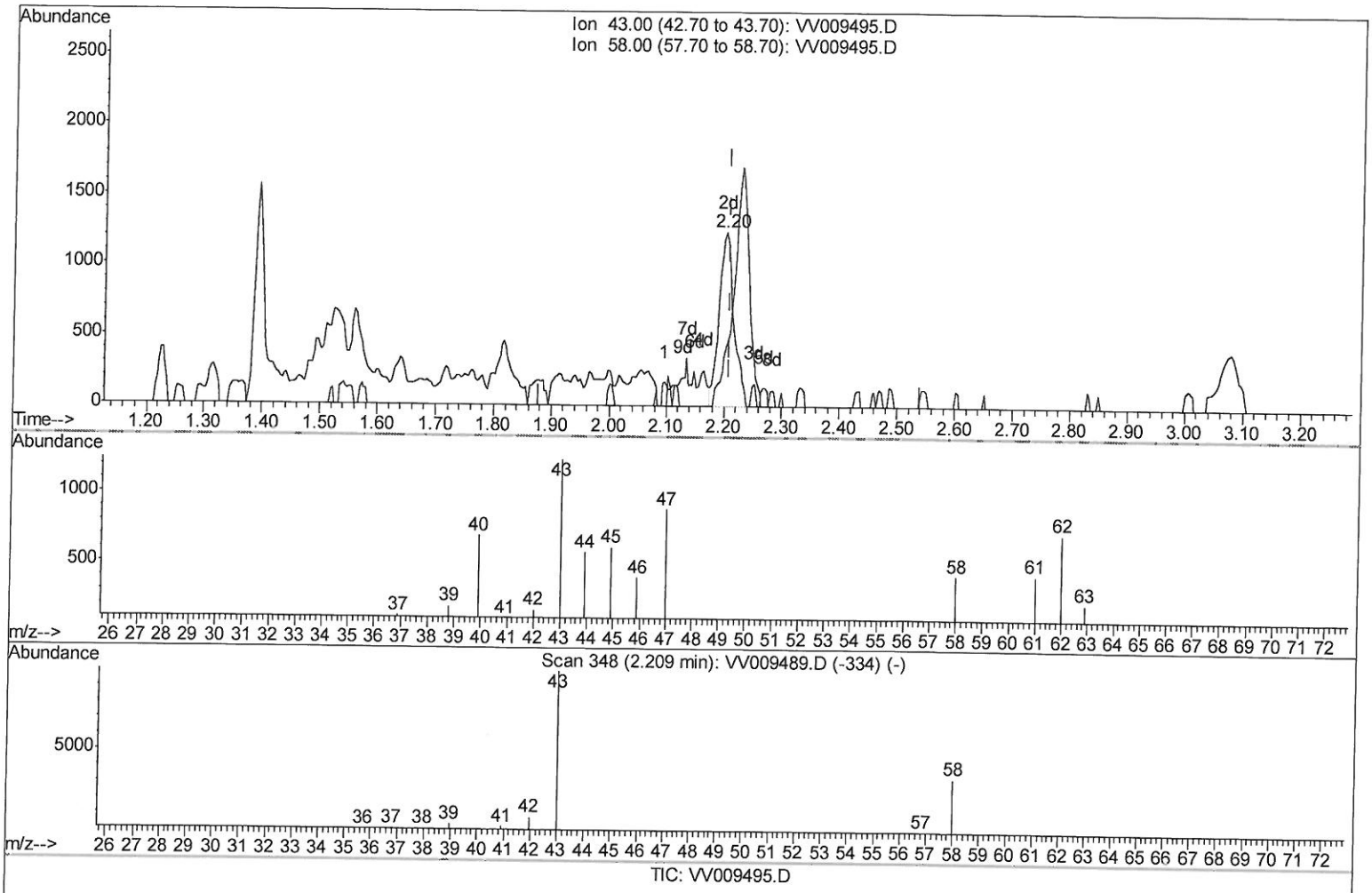
Quantitation Report (Qedit)

Data File : VV009495.D
Acq On : 05 Mar 2019 19:40
Operator : SY/MD
Sample : K1662-08
Misc : 4.75G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 06 04:15:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM030519S.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 06 04:12:03 2019
Response via : Initial Calibration

**Instrument :**
MSVOA_V
**ClientSampleId :**
BFC62

**Manual Integrations APPROVED**
MMDadoda
3/8/2019 12:10:40 AM




(13) Acetone (T)

2.203min (-0.006) 3.20ug/L m 03/07/19 SY

response 2208

| Ion | Exp% | Act% |
|---|---|---|
| 43.00 | 100 | 100 |
| 58.00 | 34.40 | 3.13 |
| 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 |

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV030519\

Quantitation Report (QT Reviewed)

Data File : VV009495.D
Acq On : 05 Mar 2019 19:40
Operator : SY/MD
Sample : K1662-08
Misc : 4.75G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 06 05:38:48 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM030519S.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 06 04:12:03 2019
Response via : Initial Calibration

**Instrument :** MSVOA_V
**ClientSampleId :** BFC62

**Manual Integrations APPROVED**
MMDadoda
3/8/2019 12:10:40 AM

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 5.67 | 114 | 165235 | 25.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.90 | 117 | 154214 | 25.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152 | 67741 | 25.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.32 | 65 | 42667 | 21.45 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 85.80% | | | |
| 7) Chloroethane-d5 | 1.57 | 69 | 66289 | 23.05 | ug/L | -0.01 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 92.20% | | | |
| 10) 1,1-Dichloroethene-d2 | 2.13 | 63 | 91669 | 17.71 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 110 | | Recovery = 70.84% | | | |
| 20) 2-Butanone-d5 | 3.95 | 46 | 33575 | 49.54 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 99.08% | | | |
| 24) Chloroform-d | 4.40 | 84 | 101526 | 25.79 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 40 - 150 | | Recovery = 103.16% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.08 | 65 | 64246 | 28.69 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 130 | | Recovery = 114.76% | | | |
| 29) Benzene-d6 | 5.10 | 84 | 207438 | 27.16 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 20 - 135 | | Recovery = 108.64% | | | |
| 33) 1,2-Dichloropropane-d6 | 6.12 | 67 | 65275 | 28.96 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 120 | | Recovery = 115.84% | | | |
| 37) Toluene-d8 | 7.36 | 98 | 198867 | 26.71 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 130 | | Recovery = 106.84% | | | |
| 38) trans-1,3-Dichloropropene- | 7.66 | 79 | 28855 | 26.42 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 135 | | Recovery = 105.68% | | | |
| 39) 2-Hexanone-d5 | 8.14 | 63 | 30624 | 58.22 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 116.44% | | | |
| 48) 1,1,2,2-Tetrachloroethane- | 10.26 | 84 | 62712 | 26.11 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 120 | | Recovery = 104.44% | | | |
| 61) 1,2-Dichlorobenzene-d4 | 11.68 | 152 | 67207 | 27.18 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 75 - 120 | | Recovery = 108.72% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 13) Acetone | 2.20 | 43 | 2208m | 3.204 | ug/L | |
| 16) Methylene chloride | 2.53 | 84 | 8489 | 3.915 | ug/L | 95 |

03/07/19 SY

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