

M300-0  
IC-1  
AS

Clear table

| ident       | concentra<br>tion F- | concentrati<br>on CL- | concentrati<br>on NO2 | concentrati<br>on BR- | concentrati<br>on NO3 | concentrati<br>on HPO4 | concentrati<br>on SO4 | file name  | date time     | Initial wt/<br>Final Vol | Analyst |
|-------------|----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|-----------------------|------------|---------------|--------------------------|---------|
| STD1        | 0.0000               | 0.0000                | 0.0000                | 0.0000                | 0.0000                | 0.0000                 | 0.0000                | 2020-01-28 | 1/28/20 9:34  |                          | AK/AP   |
| STD2        | 0.2670               | 0.4010                | 0.3860                | 1.3090                | 0.3410                | 0.3390                 | 1.9760                | 2020-01-28 | 1/28/20 10:05 |                          | AK/AP   |
| STD3        | 0.4650               | 0.6380                | 0.6420                | 2.1400                | 0.5450                | 0.8910                 | 3.1360                | 2020-01-28 | 1/28/20 10:36 |                          | AK/AP   |
| STD4        | 0.8720               | 1.1730                | 1.1710                | 3.9670                | 0.9970                | 2.0020                 | 5.7610                | 2020-01-28 | 1/28/20 11:07 |                          | AK/AP   |
| STD5        | 1.9180               | 2.8930                | 2.9590                | 9.8060                | 2.4400                | 4.7580                 | 13.6710               | 2020-01-28 | 1/28/20 11:37 |                          | AK/AP   |
| STD6        | 3.8990               | 5.8470                | 6.0020                | 19.5560               | 4.9120                | 9.5460                 | 28.9560               | 2020-01-28 | 1/28/20 12:08 |                          | AK/AP   |
| STD7        | 5.0620               | 7.6520                | 7.4690                | 25.2280               | 6.3170                | 12.5350                | 38.0320               | 2020-01-28 | 1/28/20 12:39 |                          | AK/AP   |
| ICV         | 1.9450               | 2.8500                | 2.8810                | 9.6870                | 2.4020                | 5.0640                 | 14.8010               | 2020-01-28 | 1/28/20 13:10 |                          | AK/AP   |
| ICB         | 0.0000               | 0.0000                | 0.0000                | 0.0000                | 0.0000                | 0.0000                 | 0.0000                | 2020-01-28 | 1/28/20 13:44 |                          | AK/AP   |
| CCV         | 1.9520               | 2.8240                | 2.8100                | 9.3050                | 2.3170                | 4.7040                 | 14.2710               | 2020-02-06 | 2/6/20 8:56   |                          | AK/AP   |
| CCB         | 0.0000               | 0.0000                | 0.0000                | 0.0000                | 0.0000                | 0.0000                 | 0.0000                | 2020-02-06 | 2/6/20 9:32   |                          | AK/AP   |
| LB109578BLW | 0.0000               | 0.0000                | 0.0000                | 0.0000                | 0.0000                | 0.0000                 | 0.0000                | 2020-02-06 | 2/6/20 10:02  |                          | AK/AP   |
| LB109578BSW | 1.9260               | 2.8100                | 2.8400                | 9.3850                | 2.3360                | 4.9160                 | 14.7720               | 2020-02-06 | 2/6/20 10:33  |                          | AK/AP   |
| L1161-07    | 0.1480               | 0.2850                | 0.2220                | 0.7300                | 0.1880                | 0.1110                 | 1.4790                | 2020-02-06 | 2/6/20 11:44  |                          | AK/AP   |
| CCV         | 1.9220               | 2.7700                | 2.8090                | 9.2410                | 2.3120                | 4.8870                 | 14.2300               | 2020-02-06 | 2/6/20 12:15  |                          | AK/AP   |
| CCB         | 0.0000               | 0.0000                | 0.0000                | 0.0000                | 0.0000                | 0.0000                 | 0.0000                | 2020-02-06 | 2/6/20 12:45  |                          | AK/AP   |

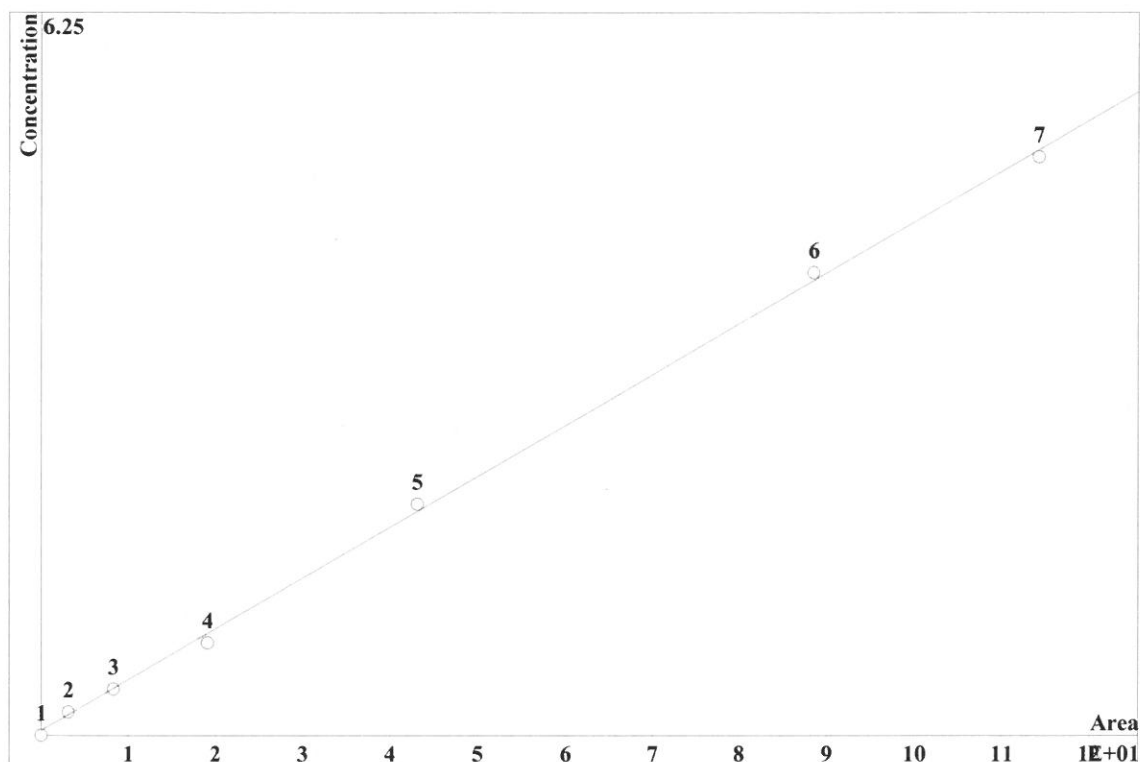
# CALIBRATION OF COMPONENT F-

Method: ANIONS 01-28-20.mtw  
 Equation:  $Q = 0.879124 \cdot A + 0.861179$   
 RSD: 3.408 %  
 Correlation coefficient: 0.999509

IC-1 Cal

01-28-20

AK



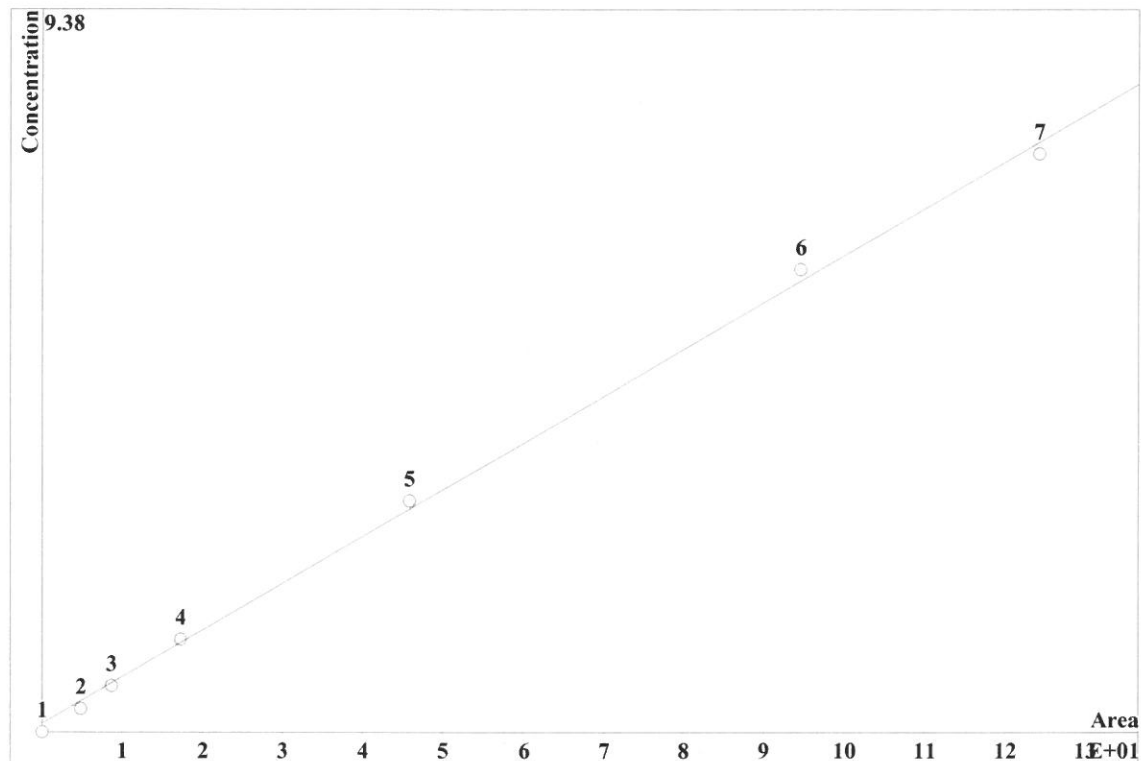
K3 = 0 K2 = 0 K1 = 0.879124 K0 = 0.861179

Base: Area  
 Ref.channel: Cond  
 ISTD:  
 Formula: Linear  
 Weight: 1

| Level | Height | Area  | Conc. | Vol/Dil | Retention | Used | File |     |
|-------|--------|-------|-------|---------|-----------|------|------|-----|
| 1     | 0      | 0     | 0     | 0       | 0         |      |      | No  |
| 2     | 0.1476 | 3.058 | 0.2   | 20      | 5.773     |      |      | Yes |
| 3     | 0.3098 | 8.3   | 0.4   | 20      | 5.773     |      |      | Yes |
| 4     | 0.7569 | 19.1  | 0.8   | 20      | 5.773     |      |      | Yes |
| 5     | 1.898  | 43.09 | 2     | 20      | 5.773     |      |      | Yes |
| 6     | 4.003  | 88.48 | 4     | 20      | 5.773     |      |      | Yes |
| 7     | 5.314  | 114.2 | 5     | 20      | 5.773     |      |      | Yes |

CALIBRATION OF COMPONENT CL-

Method: ANIONS 01-28-20.mtw  
 Equation:  $Q = 1.21457 \cdot A + 2.23008$   
 RSD: 4.290 %  
 Correlation coefficient: 0.999222



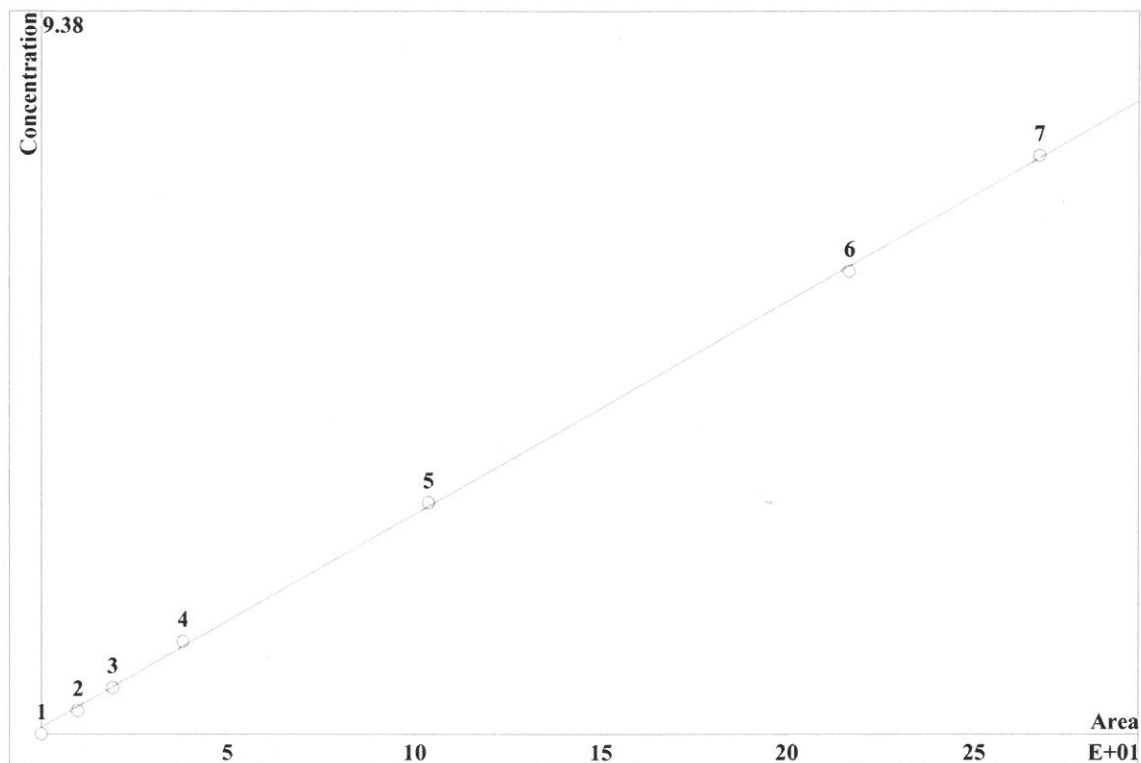
K3 = 0      K2 = 0      K1 = 1.21457      K0 = 2.23008

Base: Area  
 Ref.channel: Cond  
 ISTD:  
 Formula: Linear  
 Weight: 1

| Level | Height | Area  | Conc. | Vol/Dil | Retention | Used | File |
|-------|--------|-------|-------|---------|-----------|------|------|
| 1     | 0      | 0     | 0     | 0       | 0         |      | No   |
| 2     | 0.421  | 4.828 | 0.3   | 20      | 9.479     |      | Yes  |
| 3     | 0.802  | 8.682 | 0.6   | 20      | 9.479     |      | Yes  |
| 4     | 1.642  | 17.28 | 1.2   | 20      | 9.479     |      | Yes  |
| 5     | 4.367  | 45.81 | 3     | 20      | 9.479     |      | Yes  |
| 6     | 9.262  | 94.5  | 6     | 20      | 9.479     |      | Yes  |
| 7     | 11.95  | 124.2 | 7.5   | 20      | 9.479     |      | Yes  |

CALIBRATION OF COMPONENT NO2

Method: ANIONS 01-28-20.mtw  
 Equation:  $Q = 0.551936 \cdot A + 1.77555$   
 RSD: 2.008 %  
 Correlation coefficient: 0.999830



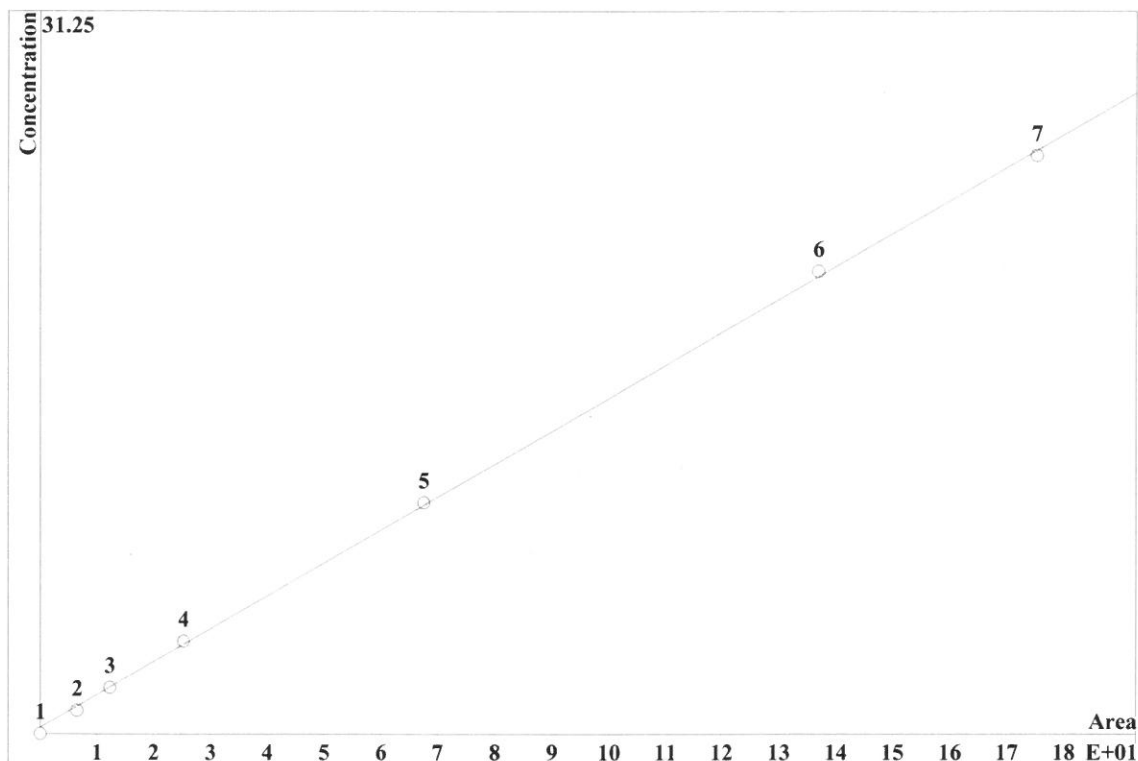
K3 = 0      K2 = 0      K1 = 0.551936      K0 = 1.77555

Base: Area  
 Ref.channel: Cond  
 ISTD:  
 Formula: Linear  
 Weight: 1

| Level | Height | Area  | Conc. | Vol/Dil | Retention | Used | File |
|-------|--------|-------|-------|---------|-----------|------|------|
| 1     | 0      | 0     | 0     | 0       | 0         |      | No   |
| 2     | 0.7331 | 9.775 | 0.3   | 20      | 12.05     | Yes  |      |
| 3     | 1.418  | 19.09 | 0.6   | 20      | 12.05     | Yes  |      |
| 4     | 2.765  | 37.94 | 1.2   | 20      | 12.05     | Yes  |      |
| 5     | 7.154  | 103.8 | 3     | 20      | 12.05     | Yes  |      |
| 6     | 14.05  | 216.7 | 6     | 20      | 12.05     | Yes  |      |
| 7     | 16.88  | 267.4 | 7.5   | 20      | 12.05     | Yes  |      |

CALIBRATION OF COMPONENT BR-

Method: ANIONS 01-28-20.mtw  
 Equation:  $Q = 2.84694 \cdot A + 5.56291$   
 RSD: 2.003 %  
 Correlation coefficient: 0.999830



K3 = 0      K2 = 0      K1 = 2.84694      K0 = 5.56291

Base: Area

Ref.channel: Cond

ISTD:

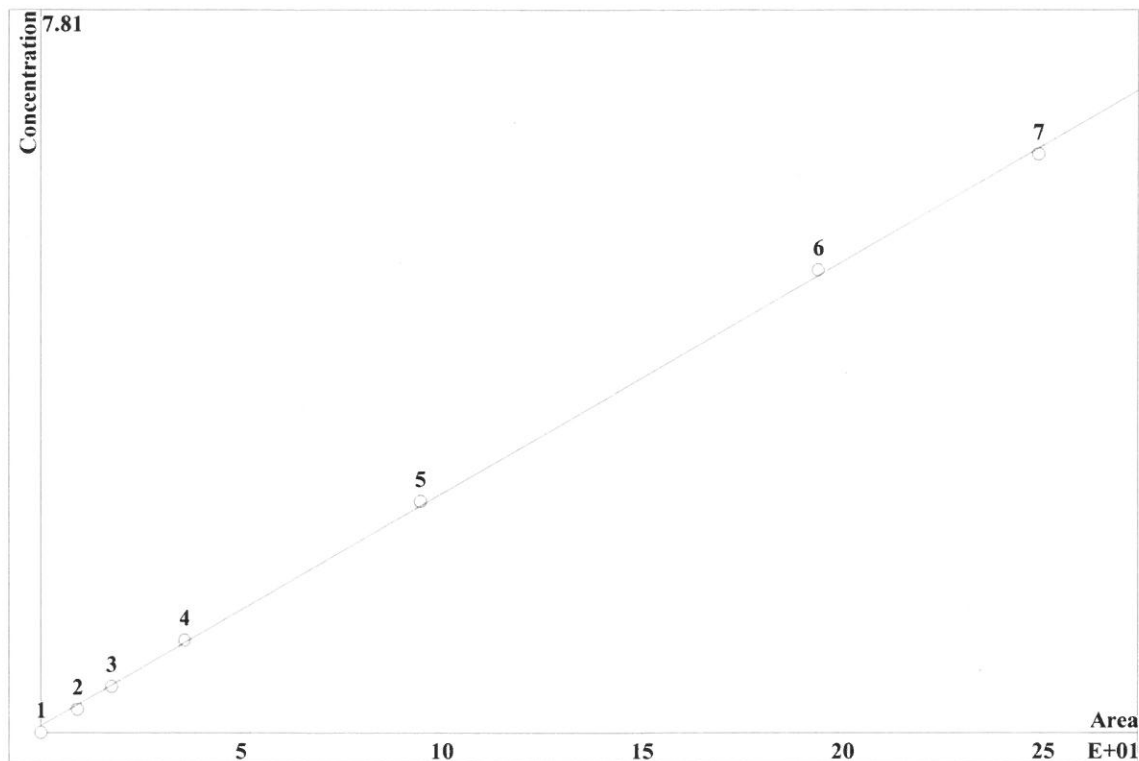
Formula: Linear

Weight: 1

| Level | Height | Area  | Conc. | Vol/Dil | Retention | Used | File |     |
|-------|--------|-------|-------|---------|-----------|------|------|-----|
| 1     | 0      | 0     | 0     | 0       | 0         |      |      | No  |
| 2     | 0.3908 | 6.449 | 1     | 20      | 14.2      |      |      | Yes |
| 3     | 0.7635 | 12.36 | 2     | 20      | 14.2      |      |      | Yes |
| 4     | 1.585  | 25.26 | 4     | 20      | 14.2      |      |      | Yes |
| 5     | 4.255  | 67.54 | 10    | 20      | 14.2      |      |      | Yes |
| 6     | 9.07   | 136.9 | 20    | 20      | 14.2      |      |      | Yes |
| 7     | 11.66  | 175.3 | 25    | 20      | 14.2      |      |      | Yes |

CALIBRATION OF COMPONENT NO3

Method: ANIONS 01-28-20.mtw  
 Equation:  $Q = 0.501757 \cdot A + 1.50149$   
 RSD: 2.314 %  
 Correlation coefficient: 0.999774

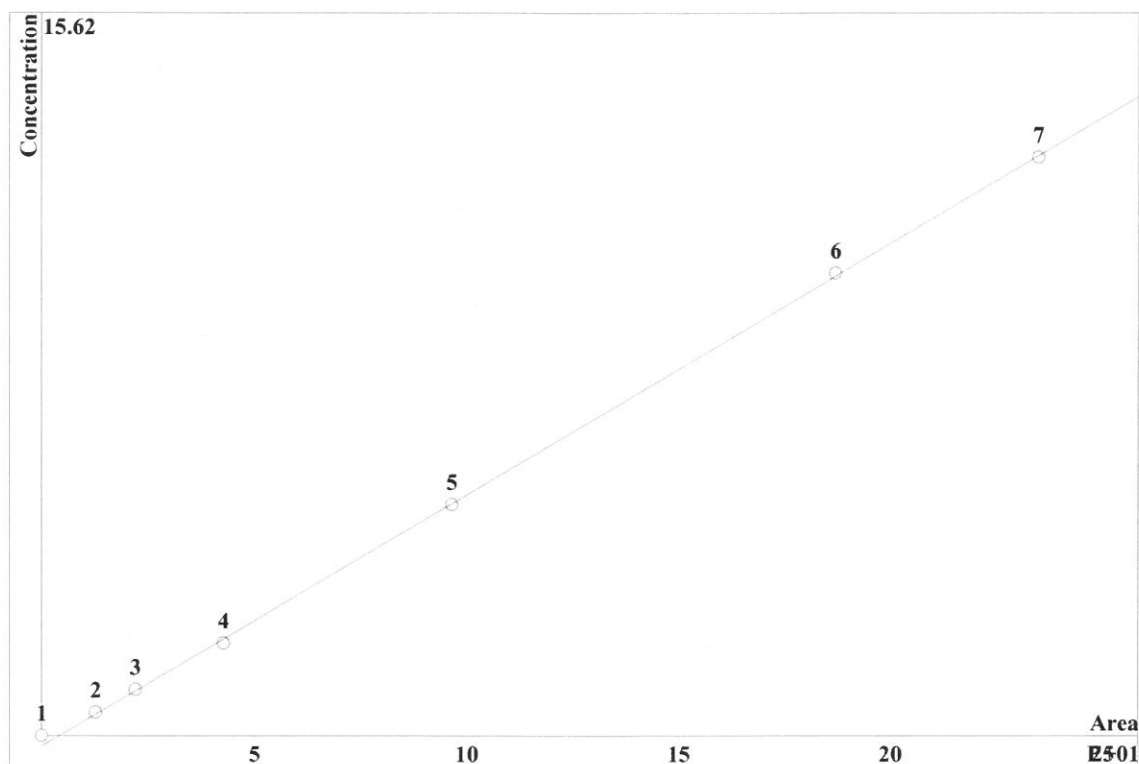


K3 = 0      K2 = 0      K1 = 0.501757      K0 = 1.50149  
 Base: Area  
 Ref.channel: Cond  
 ISTD:  
 Formula: Linear  
 Weight: 1

| Level | Height | Area  | Conc. | Vol/Dil | Retention | Used | File |    |
|-------|--------|-------|-------|---------|-----------|------|------|----|
| 1     | 0      | 0     | 0     | 0       | 0         |      | 0    | No |
| 2     | 0.4703 | 9.1   | 0.25  | 20      | 16.36     | Yes  |      |    |
| 3     | 0.9096 | 17.55 | 0.5   | 20      | 16.36     | Yes  |      |    |
| 4     | 1.876  | 35.85 | 1     | 20      | 16.36     | Yes  |      |    |
| 5     | 4.938  | 94.69 | 2.5   | 20      | 16.36     | Yes  |      |    |
| 6     | 10.31  | 193.9 | 5     | 20      | 16.36     | Yes  |      |    |
| 7     | 13.17  | 248.8 | 6.25  | 20      | 16.36     | Yes  |      |    |

CALIBRATION OF COMPONENT HPO4

Method: ANIONS 01-28-20.mtw  
 Equation:  $Q = 1.08728 \cdot A - 4.60375$   
 RSD: 1.249 %  
 Correlation coefficient: 0.999934



K3 = 0      K2 = 0      K1 = 1.08728      K0 = -4.60375

Base: Area

Ref.channel: Cond

ISTD:

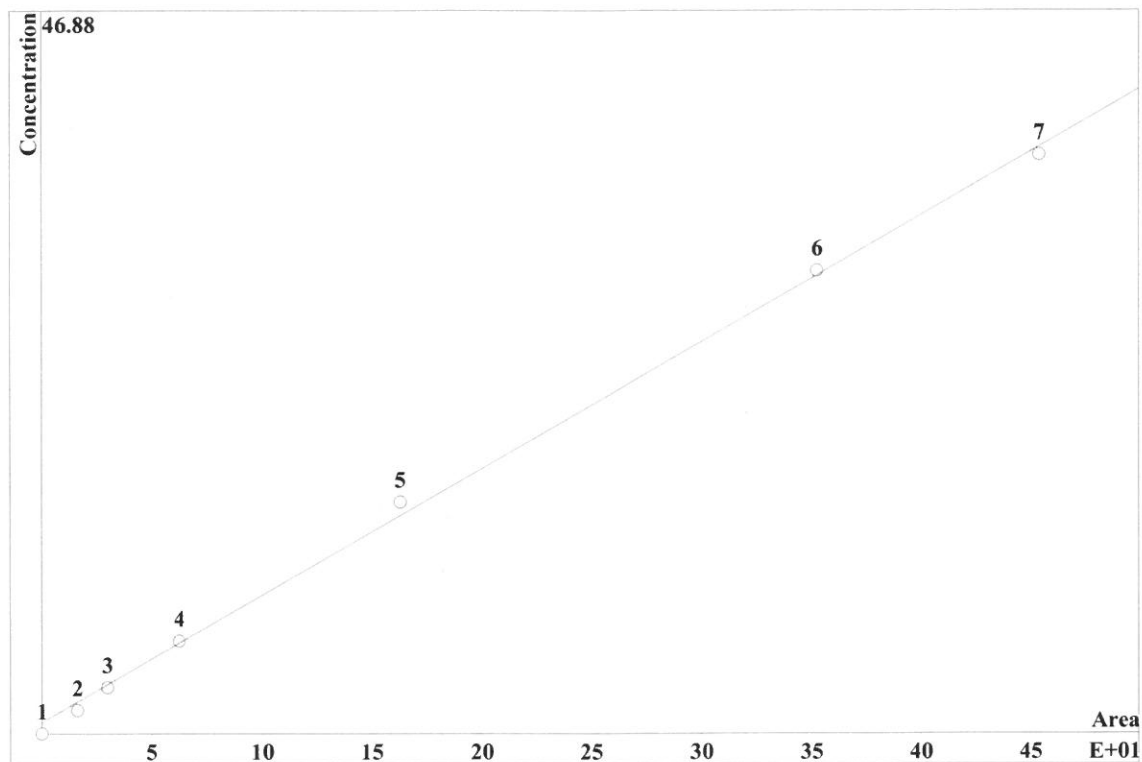
Formula: Linear

Weight: 1

| Level | Height | Area  | Conc. | Vol/Dil | Retention | Used | File |    |
|-------|--------|-------|-------|---------|-----------|------|------|----|
| 1     | 0      | 0     | 0     | 0       | 0         |      |      | No |
| 2     | 0.3696 | 12.67 | 0.5   | 20      | 22.65     | Yes  |      |    |
| 3     | 0.6826 | 22.01 | 1     | 20      | 22.65     | Yes  |      |    |
| 4     | 1.345  | 42.65 | 2     | 20      | 22.65     | Yes  |      |    |
| 5     | 3.177  | 96.54 | 5     | 20      | 22.65     | Yes  |      |    |
| 6     | 6.415  | 187   | 10    | 20      | 22.65     | Yes  |      |    |
| 7     | 8.211  | 234.8 | 12.5  | 20      | 22.65     | Yes  |      |    |

CALIBRATION OF COMPONENT SO4

Method: ANIONS 01-28-20.mtw  
 Equation:  $Q = 1.64354 \cdot A + 14.825$   
 RSD: 3.962 %  
 Correlation coefficient: 0.999336



K3 = 0      K2 = 0      K1 = 1.64354      K0 = 14.825

Base: Area  
 Ref.channel: Cond  
 ISTD:  
 Formula: Linear  
 Weight: 1

| Level | Height | Area  | Conc. | Vol/Dil | Retention | Used | File |     |
|-------|--------|-------|-------|---------|-----------|------|------|-----|
| 1     | 0      | 0     | 0     | 0       | 0         |      |      | No  |
| 2     | 0.5802 | 16.11 | 1.5   | 20      | 26.38     |      |      | Yes |
| 3     | 1.117  | 29.97 | 3     | 20      | 26.38     |      |      | Yes |
| 4     | 2.308  | 62.43 | 6     | 20      | 26.38     |      |      | Yes |
| 5     | 6.201  | 162.9 | 15    | 20      | 26.38     |      |      | Yes |
| 6     | 13.48  | 352.3 | 30    | 20      | 26.38     |      |      | Yes |
| 7     | 17.44  | 453.8 | 37.5  | 20      | 26.38     |      |      | Yes |

Report date: 1/29/2020 9:35:27 AM  
Printed by: wet

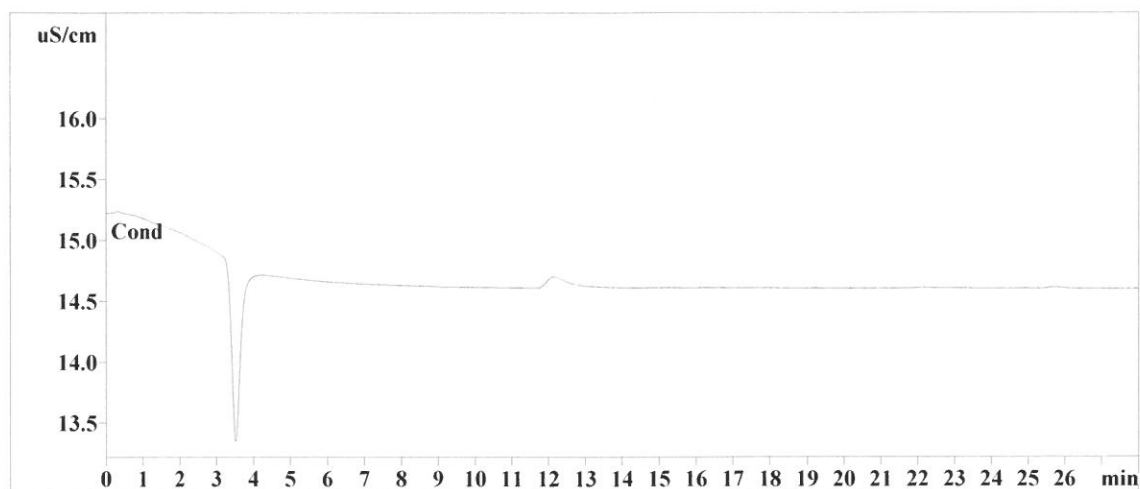
Ident: STD1  
Analysis from: 1/28/2020 9:34:18 AM  
File: \_2020-01-28\_

Last save: 1/28/2020 10:02:08 AM

Method: ANIONS 01-28-20.mtw  
Run operator: wet  
Analysis number: 69694

Last save: 1/28/2020 8:35:00 AM

SAMPLE:  
: AK/AP  
Vial number: 2  
Volume: 20.0  $\mu$ L  
Dilution: 1.00  
Amount: 1.0000



Quantitation method: Custom

No peaks

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Report date: 1/29/2020 9:35:40 AM  
Printed by: wet

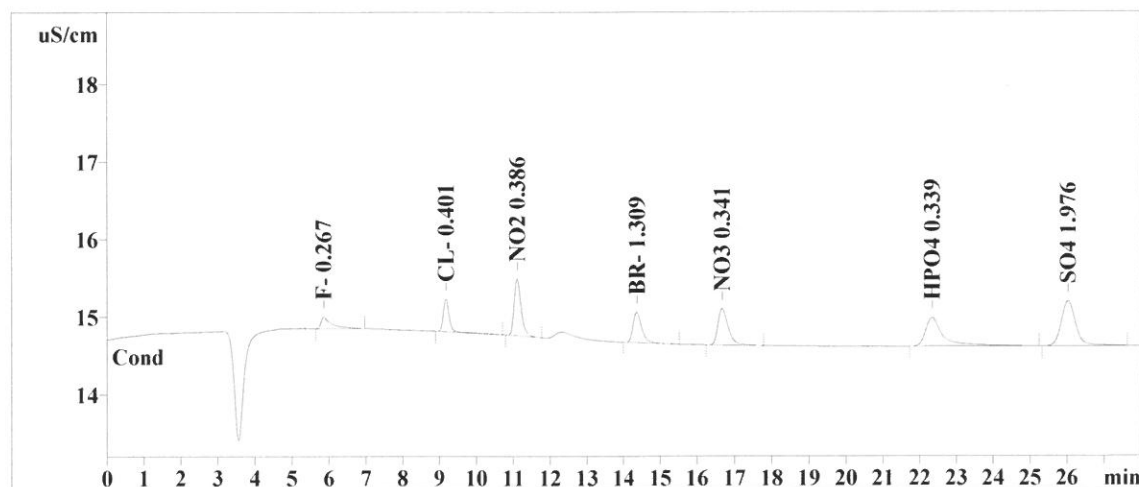
Ident: STD2  
Analysis from: 1/28/2020 10:05:13 AM  
File: \_2020-01-28\_

Last save: 1/28/2020 10:33:02 AM

Method: ANIONS 01-28-20.mtw  
Run operator: wet  
Analysis number: 69695

Last save: 1/28/2020 10:02:08 AM

SAMPLE:  
: AK/AP  
Vial number: 3  
Volume: 20.0 µL  
Dilution: 1.00  
Amount: 1.0000



Quantitation method: Custom

| No | Retention<br>min | Width/2<br>min | Height<br>uS/cm | Height<br>% | Area<br>uS/cm*sec | Area<br>% |    |
|----|------------------|----------------|-----------------|-------------|-------------------|-----------|----|
| 1  | 5.86             | 0.252          | 0.15            | 4.73        | 3.058             | 4.93      | 0. |
| 2  | 9.18             | 0.160          | 0.42            | 13.53       | 4.828             | 7.79      | 0. |
| 3  | 11.11            | 0.198          | 0.73            | 23.53       | 9.775             | 15.77     | 0. |
| 4  | 14.36            | 0.243          | 0.39            | 12.56       | 6.449             | 10.40     | 0. |
| 5  | 16.66            | 0.285          | 0.47            | 15.09       | 9.100             | 14.68     | 0. |
| 6  | 22.34            | 0.418          | 0.37            | 11.85       | 12.670            | 20.44     | 0. |
| 7  | 26.03            | 0.407          | 0.58            | 18.62       | 16.111            | 25.99     | 0. |
| 7  | 28.00            | 0.281          | 3.11            | 99.91       | 61.992            | 100.00    | 0. |

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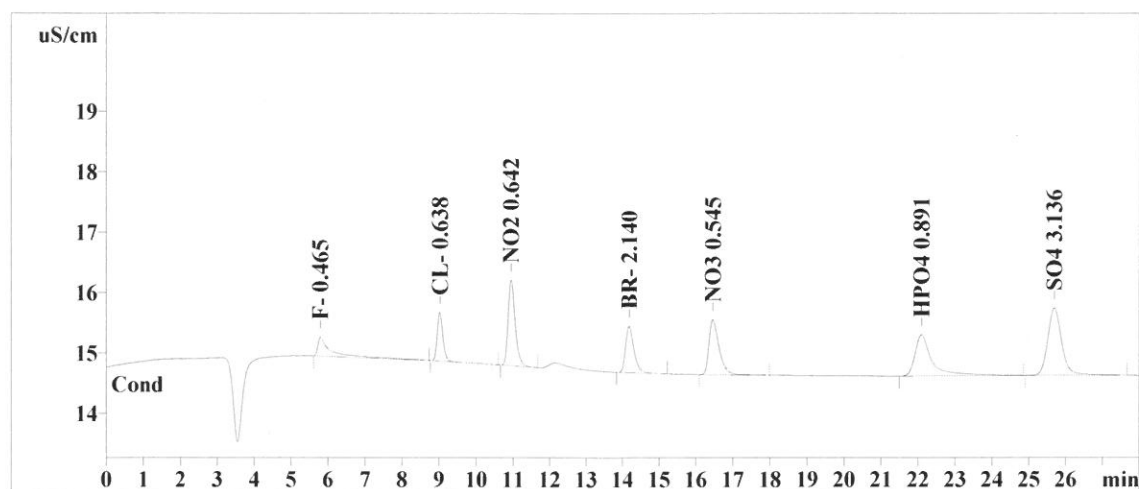
Ident: STD3  
Analysis from: 1/28/2020 10:36:07 AM  
File: \_2020-01-28\_

Last save: 1/28/2020 11:03:56 AM

Method: ANIONS 01-28-20.mtw  
Run operator: wet  
Analysis number: 69696

Last save: 1/28/2020 10:33:02 AM

SAMPLE:  
: AK/AP  
Vial number: 4  
Volume: 20.0 µL  
Dilution: 1.00  
Amount: 1.0000



Quantitation method: Custom

| No | Retention<br>min | Width/2<br>min | Height<br>uS/cm | Height<br>% | Area<br>uS/cm*sec | Area<br>% |    |
|----|------------------|----------------|-----------------|-------------|-------------------|-----------|----|
| 1  | 5.79             | 0.248          | 0.31            | 5.15        | 8.300             | 7.04      | 0. |
| 2  | 9.02             | 0.159          | 0.80            | 13.37       | 8.682             | 7.36      | 0. |
| 3  | 10.94            | 0.200          | 1.42            | 23.60       | 19.089            | 16.18     | 0. |
| 4  | 14.18            | 0.241          | 0.76            | 12.72       | 12.360            | 10.48     | 0. |
| 5  | 16.46            | 0.284          | 0.91            | 15.15       | 17.552            | 14.88     | 0. |
| 6  | 22.09            | 0.402          | 0.68            | 11.36       | 22.007            | 18.66     | 0. |
| 7  | 25.69            | 0.392          | 1.12            | 18.60       | 29.968            | 25.41     | 0. |
| 7  | 28.00            | 0.275          | 6.00            | 99.94       | 117.958           | 100.00    | 0. |

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Report date: 1/29/2020 9:36:00 AM  
Printed by: wet

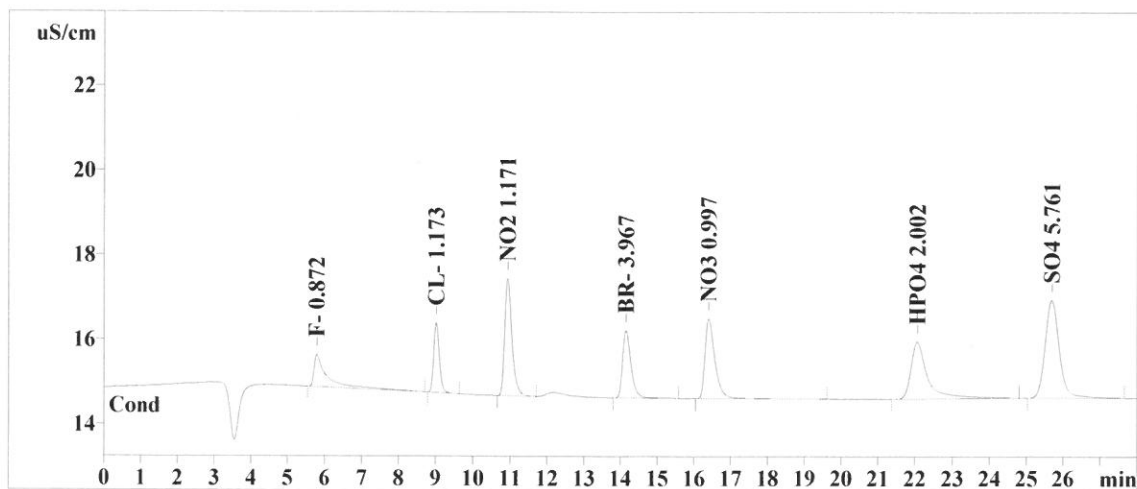
Ident: STD4  
Analysis from: 1/28/2020 11:07:02 AM  
File: \_2020-01-28\_

Last save: 1/28/2020 11:34:50 AM

Method: ANIONS 01-28-20.mtw  
Run operator: wet  
Analysis number: 69697

Last save: 1/28/2020 11:03:56 AM

SAMPLE:  
: AK/AP  
Vial number: 5  
Volume: 20.0 µL  
Dilution: 1.00  
Amount: 1.0000



Quantitation method: Custom

| No | Retention<br>min | Width/2<br>min | Height<br>uS/cm | Height<br>% | Area<br>uS/cm*sec | Area<br>% |    |
|----|------------------|----------------|-----------------|-------------|-------------------|-----------|----|
| 1  | 5.79             | 0.253          | 0.76            | 6.16        | 19.104            | 7.94      | 0. |
| 2  | 9.02             | 0.159          | 1.64            | 13.37       | 17.278            | 7.18      | 0. |
| 3  | 10.93            | 0.202          | 2.76            | 22.52       | 37.942            | 15.77     | 0. |
| 4  | 14.15            | 0.236          | 1.58            | 12.91       | 25.261            | 10.50     | 0. |
| 5  | 16.39            | 0.279          | 1.88            | 15.27       | 35.850            | 14.91     | 0. |
| 6  | 22.07            | 0.398          | 1.34            | 10.95       | 42.653            | 17.73     | 0. |
| 7  | 25.69            | 0.395          | 2.31            | 18.80       | 62.434            | 25.96     | 0. |
| 7  | 28.00            | 0.275          | 12.28           | 99.98       | 240.522           | 100.00    | 0. |

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Report date: 1/29/2020 9:36:10 AM  
Printed by: wet

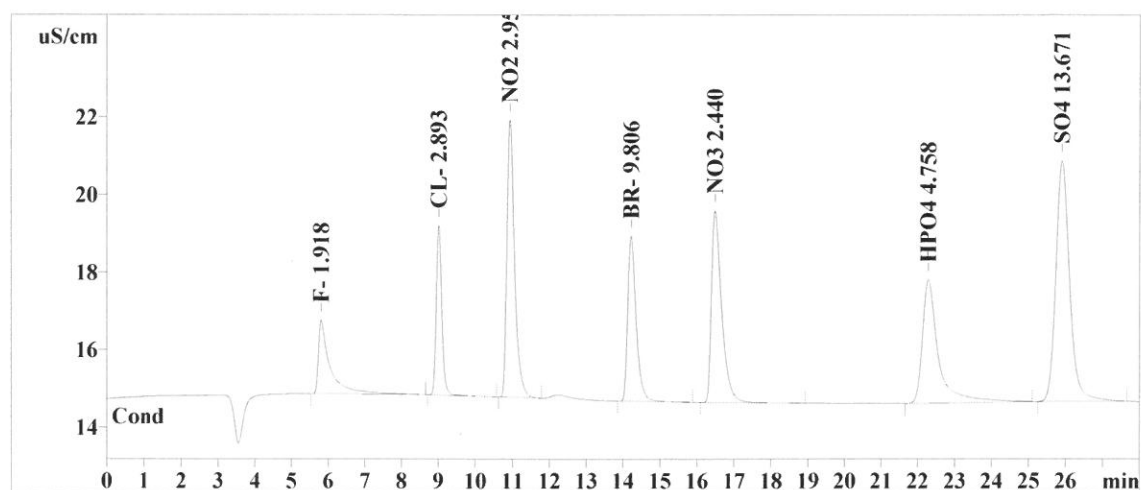
Ident: STD5  
Analysis from: 1/28/2020 11:37:57 AM  
File: \_2020-01-28\_

Last save: 1/28/2020 12:05:46 PM

Method: ANIONS 01-28-20.mtw  
Run operator: wet  
Analysis number: 69698

Last save: 1/28/2020 11:34:50 AM

SAMPLE:  
: AK/AP  
Vial number: 6  
Volume: 20.0 µL  
Dilution: 1.00  
Amount: 1.0000



Quantitation method: Custom

| No | Retention<br>min | Width/2<br>min | Height<br>uS/cm | Height<br>% | Area<br>uS/cm*sec | Area<br>% |    |
|----|------------------|----------------|-----------------|-------------|-------------------|-----------|----|
| 1  | 5.80             | 0.252          | 1.90            | 5.93        | 43.090            | 7.01      | 0. |
| 2  | 9.01             | 0.156          | 4.37            | 13.65       | 45.810            | 7.46      | 0. |
| 3  | 10.92            | 0.212          | 7.15            | 22.36       | 103.794           | 16.89     | 0. |
| 4  | 14.22            | 0.234          | 4.25            | 13.30       | 67.542            | 10.99     | 0. |
| 5  | 16.48            | 0.280          | 4.94            | 15.44       | 94.693            | 15.41     | 0. |
| 6  | 22.29            | 0.388          | 3.18            | 9.93        | 96.545            | 15.71     | 0. |
| 7  | 25.91            | 0.388          | 6.20            | 19.38       | 162.935           | 26.52     | 0. |
| 7  | 28.00            | 0.273          | 31.99           | 99.99       | 614.409           | 100.00    | 0. |

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Report date: 1/29/2020 9:36:17 AM  
Printed by: wet

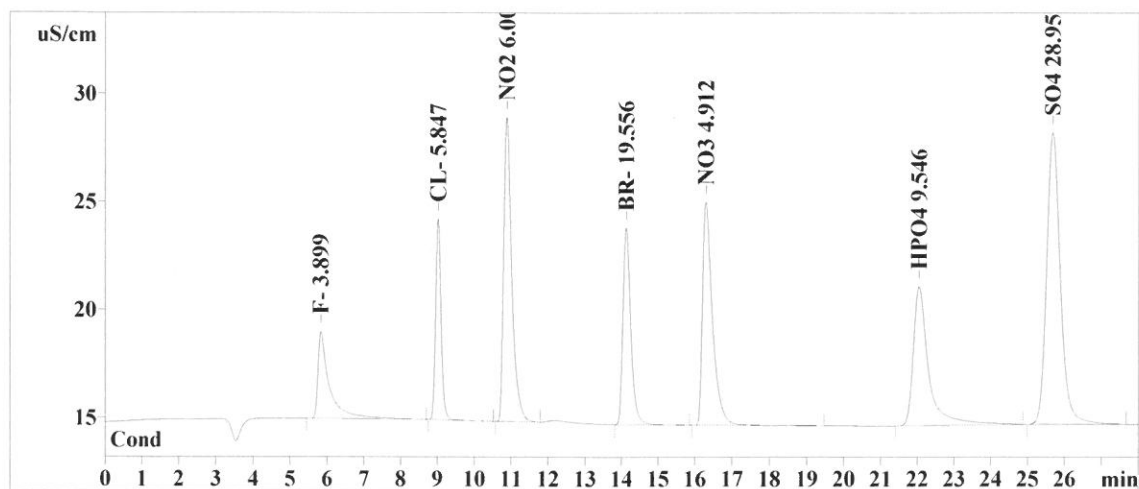
Ident: STD6  
Analysis from: 1/28/2020 12:08:51 PM  
File: \_2020-01-28\_

Last save: 1/28/2020 12:36:40 PM

Method: ANIONS 01-28-20.mtw  
Run operator: wet  
Analysis number: 69699

Last save: 1/28/2020 12:05:46 PM

SAMPLE:  
: AK/AP  
Vial number: 7  
Volume: 20.0 µL  
Dilution: 1.00  
Amount: 1.0000



Quantitation method: Custom

| No | Retention<br>min | Width/2<br>min | Height<br>uS/cm | Height<br>% | Area<br>uS/cm*sec | Area<br>% |    |
|----|------------------|----------------|-----------------|-------------|-------------------|-----------|----|
| 1  | 5.83             | 0.255          | 4.00            | 6.01        | 88.481            | 6.97      | 0. |
| 2  | 9.02             | 0.152          | 9.26            | 13.91       | 94.503            | 7.44      | 0. |
| 3  | 10.87            | 0.226          | 14.05           | 21.10       | 216.650           | 17.06     | 0. |
| 4  | 14.12            | 0.224          | 9.07            | 13.62       | 136.945           | 10.78     | 0. |
| 5  | 16.28            | 0.272          | 10.31           | 15.49       | 193.889           | 15.27     | 0. |
| 6  | 22.04            | 0.379          | 6.42            | 9.63        | 186.957           | 14.72     | 0. |
| 7  | 25.67            | 0.387          | 13.48           | 20.24       | 352.345           | 27.75     | 0. |
| 7  | 28.00            | 0.271          | 66.59           | 100.00      | 1269.770          | 100.00    | 0. |

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Report date: 1/29/2020 9:36:23 AM  
Printed by: wet

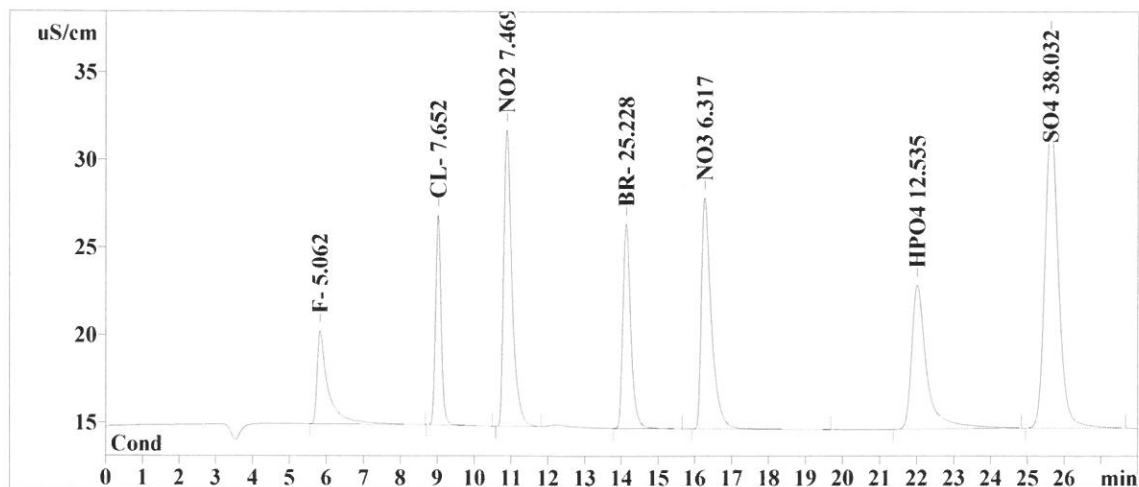
Ident: STD7  
Analysis from: 1/28/2020 12:39:46 PM  
File: \_2020-01-28\_

Last save: 1/28/2020 1:07:36 PM

Method: ANIONS 01-28-20.mtw  
Run operator: wet  
Analysis number: 69700

Last save: 1/28/2020 12:36:40 PM

SAMPLE:  
: AK/AP  
Vial number: 8  
Volume: 20.0 µL  
Dilution: 1.00  
Amount: 1.0000



Quantitation method: Custom

| No | Retention<br>min | Width/2<br>min | Height<br>uS/cm | Height<br>% | Area<br>uS/cm*sec | Area<br>% |    |
|----|------------------|----------------|-----------------|-------------|-------------------|-----------|----|
| 1  | 5.83             | 0.255          | 5.31            | 6.28        | 114.188           | 7.06      | 0. |
| 2  | 9.02             | 0.155          | 11.95           | 14.13       | 124.164           | 7.67      | 0. |
| 3  | 10.87            | 0.232          | 16.88           | 19.94       | 267.439           | 16.52     | 0. |
| 4  | 14.12            | 0.223          | 11.66           | 13.78       | 175.275           | 10.83     | 0. |
| 5  | 16.26            | 0.272          | 13.17           | 15.57       | 248.789           | 15.37     | 0. |
| 6  | 22.01            | 0.377          | 8.21            | 9.70        | 234.802           | 14.51     | 0. |
| 7  | 25.62            | 0.386          | 17.44           | 20.61       | 453.790           | 28.04     | 0. |
| 7  | 28.00            | 0.271          | 84.63           | 100.00      | 1618.446          | 100.00    | 0. |

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Report date: 1/29/2020 9:36:31 AM  
Printed by: wet

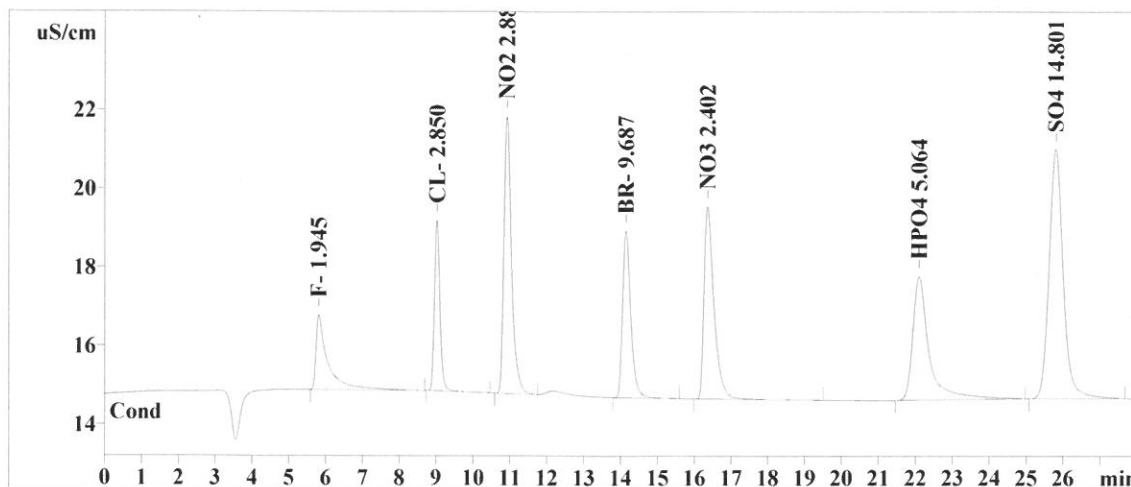
Ident: ICV  
Analysis from: 1/28/2020 1:10:41 PM  
File: \_2020-01-28\_

Last save: 1/28/2020 1:38:30 PM

Method: ANIONS 01-28-20.mtw  
Run operator: wet  
Analysis number: 69701

Last save: 1/28/2020 1:07:36 PM

SAMPLE:  
: AK/AP  
Vial number: 9  
Volume: 20.0 µL  
Dilution: 1.00  
Amount: 1.0000



Quantitation method: Custom

| No | Retention<br>min | Width/2<br>min | Height<br>uS/cm | Height<br>% | Area<br>uS/cm*sec | Area<br>% |    |
|----|------------------|----------------|-----------------|-------------|-------------------|-----------|----|
| 1  | 5.81             | 0.254          | 1.89            | 5.95        | 43.269            | 7.01      | 0. |
| 2  | 9.02             | 0.155          | 4.33            | 13.59       | 45.097            | 7.31      | 0. |
| 3  | 10.91            | 0.210          | 7.04            | 22.11       | 101.167           | 16.40     | 0. |
| 4  | 14.13            | 0.232          | 4.23            | 13.28       | 66.099            | 10.72     | 0. |
| 5  | 16.34            | 0.276          | 4.89            | 15.35       | 92.744            | 15.04     | 0. |
| 6  | 22.09            | 0.399          | 3.13            | 9.84        | 97.387            | 15.79     | 0. |
| 7  | 25.79            | 0.398          | 6.33            | 19.88       | 171.085           | 27.74     | 0. |
| 7  | 28.00            | 0.275          | 31.85           | 100.00      | 616.848           | 100.00    | 0. |

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Report date: 1/29/2020 9:36:39 AM  
Printed by: wet

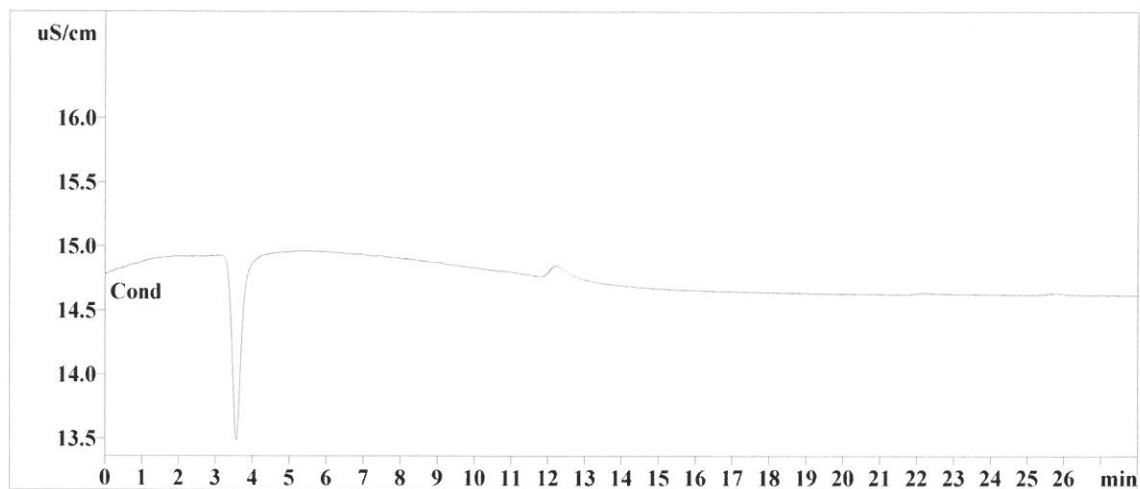
Ident: ICB  
Analysis from: 1/28/2020 1:44:20 PM  
File: \_2020-01-28\_

Last save: 1/28/2020 2:12:10 PM

Method: ANIONS 01-28-20.mtw  
Run operator: wet  
Analysis number: 69702

Last save: 1/28/2020 1:07:36 PM

SAMPLE:  
: AK/AP  
Vial number: 10  
Volume: 20.0  $\mu$ L  
Dilution: 1.00  
Amount: 1.0000



Quantitation method: Custom

No peaks

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Report date: 6/12/2020 12:45:14 PM  
Printed by: wet

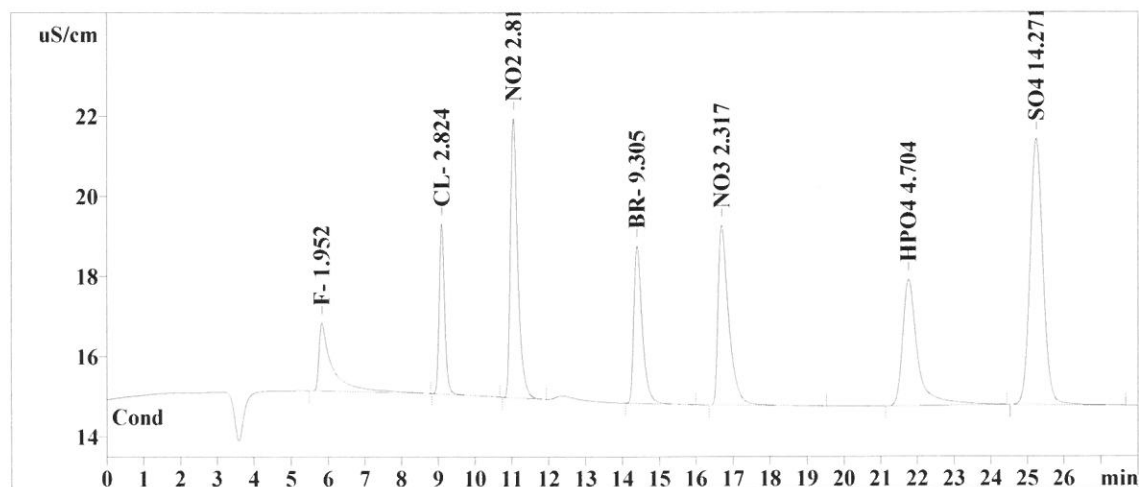
Ident: CCV  
Analysis from: 2/6/2020 8:56:28 AM  
File: \_2020-02-06\_

Last save: 6/12/2020 12:45:04 PM

Method: ANIONS 01-28-20.mtw  
Run operator: wet  
Analysis number: 69827

Last save: 1/28/2020 1:07:36 PM

SAMPLE:  
: AK/AP  
Vial number: 2  
Volume: 20.0  $\mu$ L  
Dilution: 1.00  
Amount: 1.0000



Quantitation method: Custom

| No | Retention<br>min | Width/2<br>min | Height<br>uS/cm | Height<br>% | Area<br>uS/cm*sec | Area<br>% |    |
|----|------------------|----------------|-----------------|-------------|-------------------|-----------|----|
| 1  | 5.82             | 0.277          | 1.70            | 5.45        | 43.437            | 7.30      | 0. |
| 2  | 9.09             | 0.157          | 4.24            | 13.64       | 44.667            | 7.51      | 0. |
| 3  | 11.04            | 0.208          | 6.96            | 22.38       | 98.603            | 16.57     | 0. |
| 4  | 14.39            | 0.239          | 3.92            | 12.61       | 63.412            | 10.66     | 0. |
| 5  | 16.69            | 0.289          | 4.48            | 14.41       | 89.378            | 15.02     | 0. |
| 6  | 21.76            | 0.379          | 3.16            | 10.15       | 90.761            | 15.26     | 0. |
| 7  | 25.24            | 0.374          | 6.65            | 21.37       | 164.642           | 27.68     | 0. |
| 7  | 28.00            | 0.275          | 31.12           | 100.00      | 594.900           | 100.00    | 0. |

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Report date: 6/12/2020 12:45:21 PM  
Printed by: wet

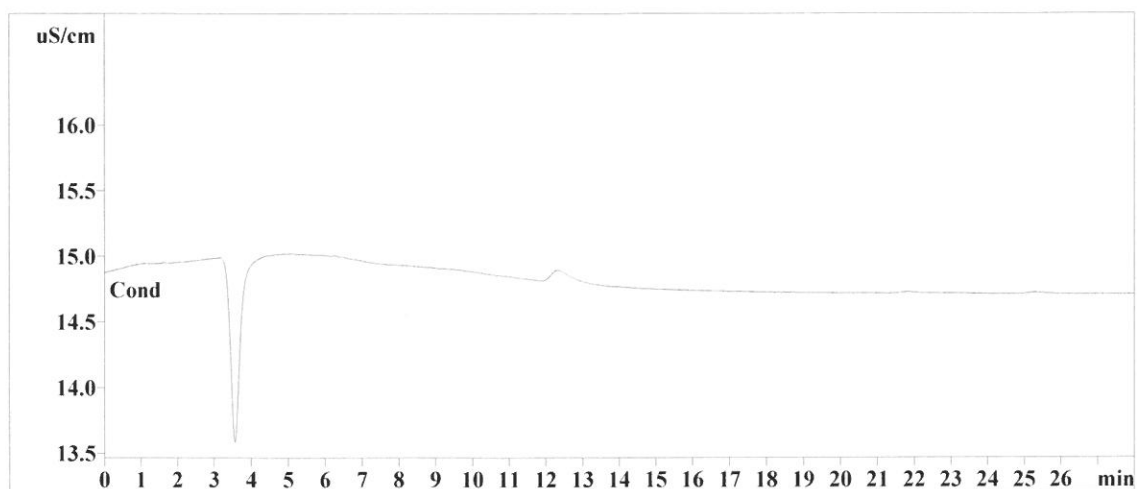
Ident: CCB  
Analysis from: 2/6/2020 9:32:02 AM  
File: \_2020-02-06\_

Last save: 6/12/2020 12:45:04 PM

Method: ANIONS 01-28-20.mtw  
Run operator: wet  
Analysis number: 69828

Last save: 1/28/2020 1:07:36 PM

SAMPLE:  
: AK/AP  
Vial number: 3  
Volume: 20.0  $\mu$ L  
Dilution: 1.00  
Amount: 1.0000



Quantitation method: Custom

No peaks

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Report date: 6/12/2020 12:45:28 PM  
Printed by: wet

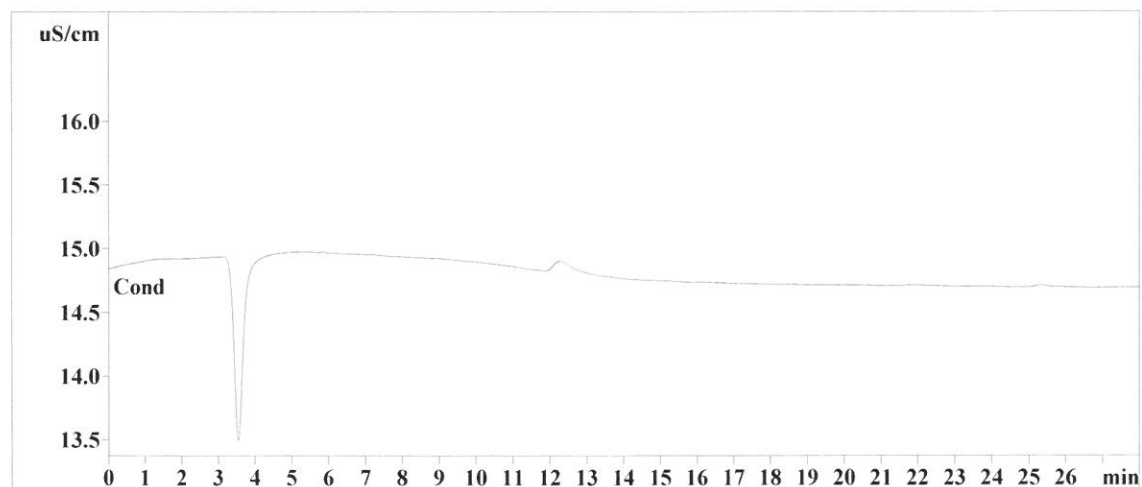
Ident: LB109578BLW  
Analysis from: 2/6/2020 10:02:56 AM  
File: \_2020-02-06\_

Last save: 6/12/2020 12:45:04 PM

Method: ANIONS 01-28-20.mtw  
Run operator: wet  
Analysis number: 69829

Last save: 1/28/2020 1:07:36 PM

SAMPLE:  
: AK/AP  
Vial number: 4  
Volume: 20.0  $\mu$ L  
Dilution: 1.00  
Amount: 1.0000



Quantitation method: Custom

No peaks

This report has been created by IC Net  
METROHM LTD

Report date: 6/12/2020 12:45:35 PM  
Printed by: wet

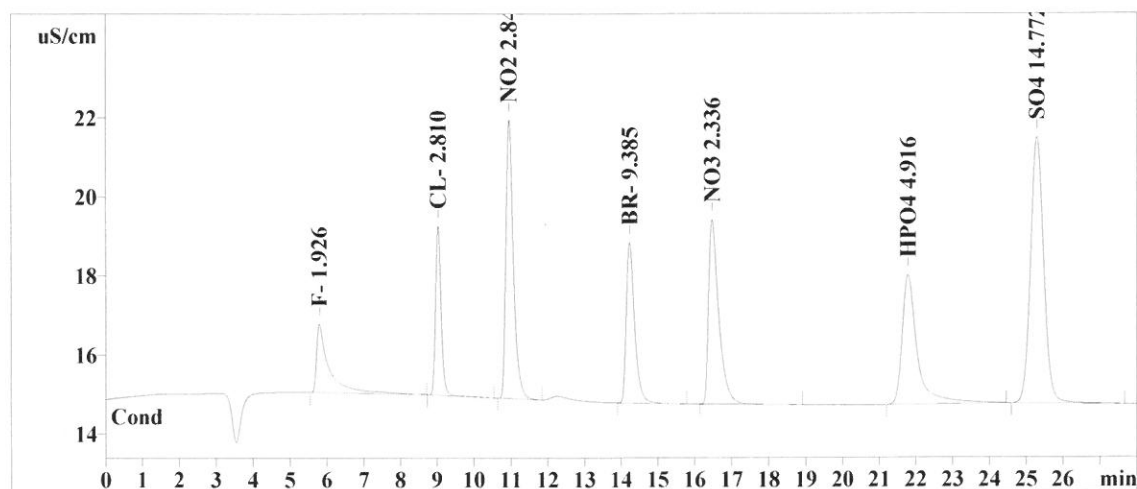
Ident: LB109578BSW  
Analysis from: 2/6/2020 10:33:51 AM  
File: \_2020-02-06\_

Last save: 6/12/2020 12:45:04 PM

Method: ANIONS 01-28-20.mtw  
Run operator: wet  
Analysis number: 69830

Last save: 1/28/2020 1:07:36 PM

SAMPLE:  
: AK/AP  
Vial number: 5  
Volume: 20.0 µL  
Dilution: 1.00  
Amount: 1.0000



Quantitation method: Custom

| No | Retention<br>min | Width/2<br>min | Height<br>uS/cm | Height<br>% | Area<br>uS/cm*sec | Area<br>% |    |
|----|------------------|----------------|-----------------|-------------|-------------------|-----------|----|
| 1  | 5.79             | 0.269          | 1.74            | 5.45        | 42.835            | 7.06      | 0. |
| 2  | 9.03             | 0.155          | 4.28            | 13.45       | 44.435            | 7.33      | 0. |
| 3  | 10.94            | 0.207          | 7.06            | 22.18       | 99.702            | 16.44     | 0. |
| 4  | 14.23            | 0.233          | 4.06            | 12.75       | 63.979            | 10.55     | 0. |
| 5  | 16.47            | 0.282          | 4.67            | 14.67       | 90.118            | 14.86     | 0. |
| 6  | 21.79            | 0.379          | 3.28            | 10.31       | 94.665            | 15.61     | 0. |
| 7  | 25.29            | 0.383          | 6.74            | 21.19       | 170.733           | 28.15     | 0. |
| 7  | 28.00            | 0.273          | 31.81           | 100.00      | 606.467           | 100.00    | 0. |

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METROHM LTD

Report date: 6/12/2020 12:45:49 PM  
Printed by: wet

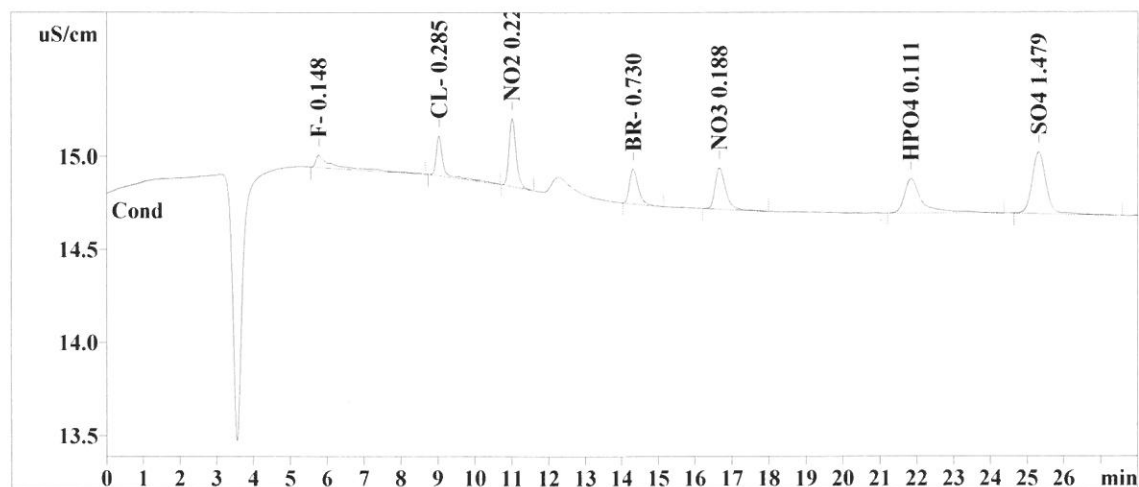
Ident: L1161-07  
Analysis from: 2/6/2020 11:44:09 AM  
File: \_2020-02-06\_

Last save: 6/12/2020 12:45:04 PM

Method: ANIONS 01-28-20.mtw  
Run operator: wet  
Analysis number: 69832

Last save: 1/28/2020 1:07:36 PM

SAMPLE:  
: AK/AP  
Vial number: 30  
Volume: 20.0 µL  
Dilution: 1.00  
Amount: 1.0000



Quantitation method: Custom

| No | Retention<br>min | Width/2<br>min | Height<br>uS/cm | Height<br>% | Area<br>uS/cm*sec | Area<br>% |    |
|----|------------------|----------------|-----------------|-------------|-------------------|-----------|----|
| 1  | 5.76             | 0.278          | 0.07            | 4.16        | 2.396             | 7.26      | 0. |
| 2  | 9.02             | 0.163          | 0.21            | 13.53       | 2.855             | 8.66      | 0. |
| 3  | 10.99            | 0.196          | 0.36            | 23.18       | 4.815             | 14.60     | 0. |
| 4  | 14.30            | 0.250          | 0.19            | 11.92       | 3.174             | 9.63      | 0. |
| 5  | 16.65            | 0.294          | 0.22            | 14.16       | 4.492             | 13.62     | 0. |
| 6  | 21.84            | 0.412          | 0.18            | 11.74       | 6.276             | 19.03     | 0. |
| 7  | 25.31            | 0.392          | 0.33            | 21.08       | 8.973             | 27.21     | 0. |
| 7  | 28.00            | 0.284          | 1.57            | 99.77       | 32.980            | 100.00    | 0. |

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Report date: 6/12/2020 12:45:54 PM  
Printed by: wet

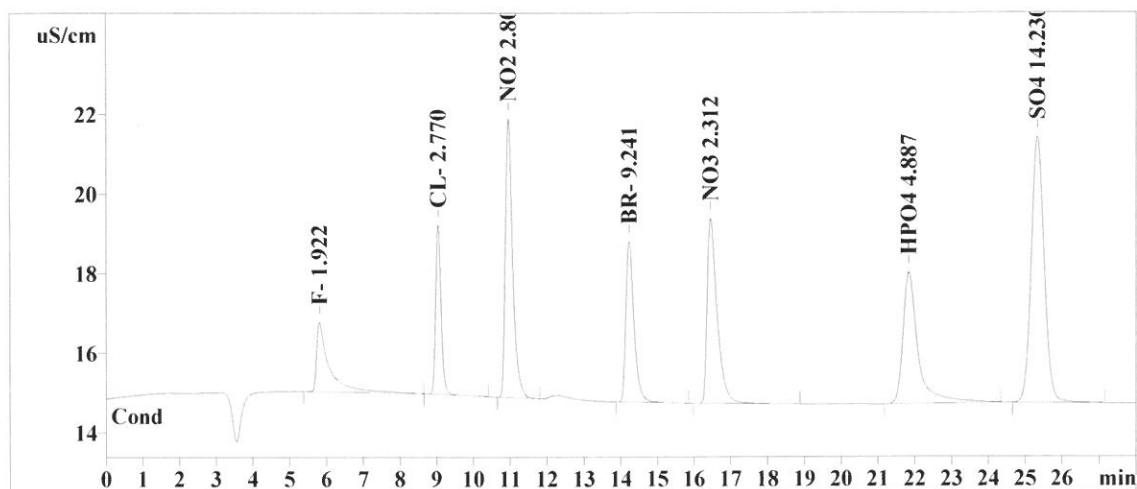
Ident: CCV  
Analysis from: 2/6/2020 12:15:03 PM  
File: \_2020-02-06\_

Last save: 6/12/2020 12:45:04 PM

Method: ANIONS 01-28-20.mtw  
Run operator: wet  
Analysis number: 69833

Last save: 1/28/2020 1:07:36 PM

SAMPLE:  
: AK/AP  
Vial number: 2  
Volume: 20.0 µL  
Dilution: 1.00  
Amount: 1.0000



Quantitation method: Custom

| No | Retention<br>min | Width/2<br>min | Height<br>uS/cm | Height<br>% | Area<br>uS/cm*sec | Area<br>% |    |
|----|------------------|----------------|-----------------|-------------|-------------------|-----------|----|
| 1  | 5.80             | 0.270          | 1.74            | 5.50        | 42.757            | 7.18      | 0. |
| 2  | 9.04             | 0.154          | 4.24            | 13.41       | 43.773            | 7.35      | 0. |
| 3  | 10.95            | 0.206          | 7.00            | 22.12       | 98.576            | 16.55     | 0. |
| 4  | 14.22            | 0.232          | 4.03            | 12.74       | 62.968            | 10.57     | 0. |
| 5  | 16.45            | 0.280          | 4.65            | 14.69       | 89.154            | 14.97     | 0. |
| 6  | 21.84            | 0.376          | 3.30            | 10.42       | 94.134            | 15.81     | 0. |
| 7  | 25.34            | 0.373          | 6.68            | 21.11       | 164.141           | 27.56     | 0. |
| 7  | 28.00            | 0.270          | 31.63           | 99.99       | 595.503           | 100.00    | 0. |

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Report date: 6/12/2020 12:46:02 PM  
Printed by: wet

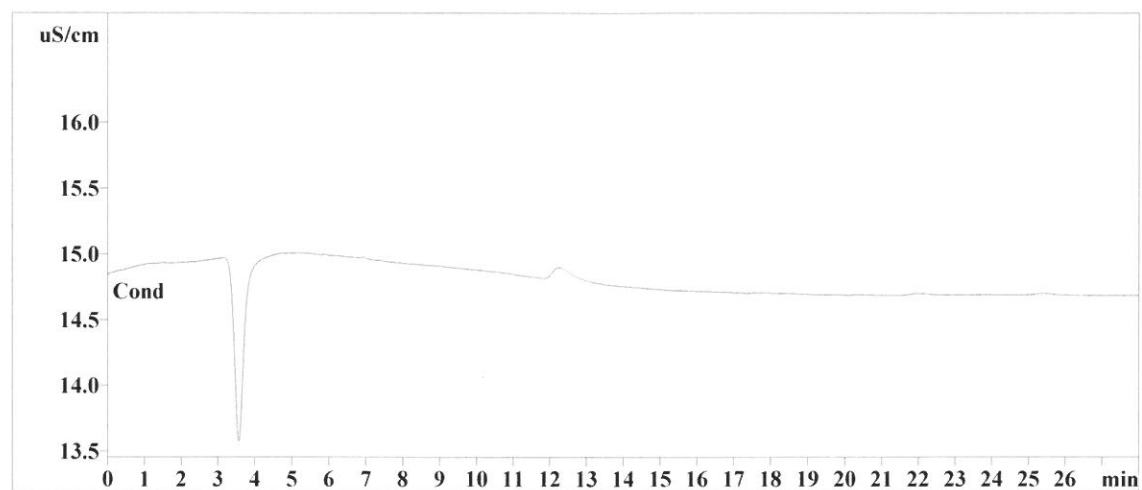
Ident: CCB  
Analysis from: 2/6/2020 12:45:58 PM  
File: \_2020-02-06\_

Last save: 6/12/2020 12:45:06 PM

Method: ANIONS 01-28-20.mtw  
Run operator: wet  
Analysis number: 69834

Last save: 1/28/2020 1:07:36 PM

SAMPLE:  
: AK/AP  
Vial number: 3  
Volume: 20.0  $\mu$ L  
Dilution: 1.00  
Amount: 1.0000



Quantitation method: Custom

No peaks

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