

LB111250

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Anions-100120 WorkList ID : 142836 Department : Wet-Chemistry Date : 10-01-2020 09:09:59

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
10/03/2020	Water	L4233-01	Anions Group1	Cool 4 deg C	DIST01	55-ST-29		10/01/2020	300.0

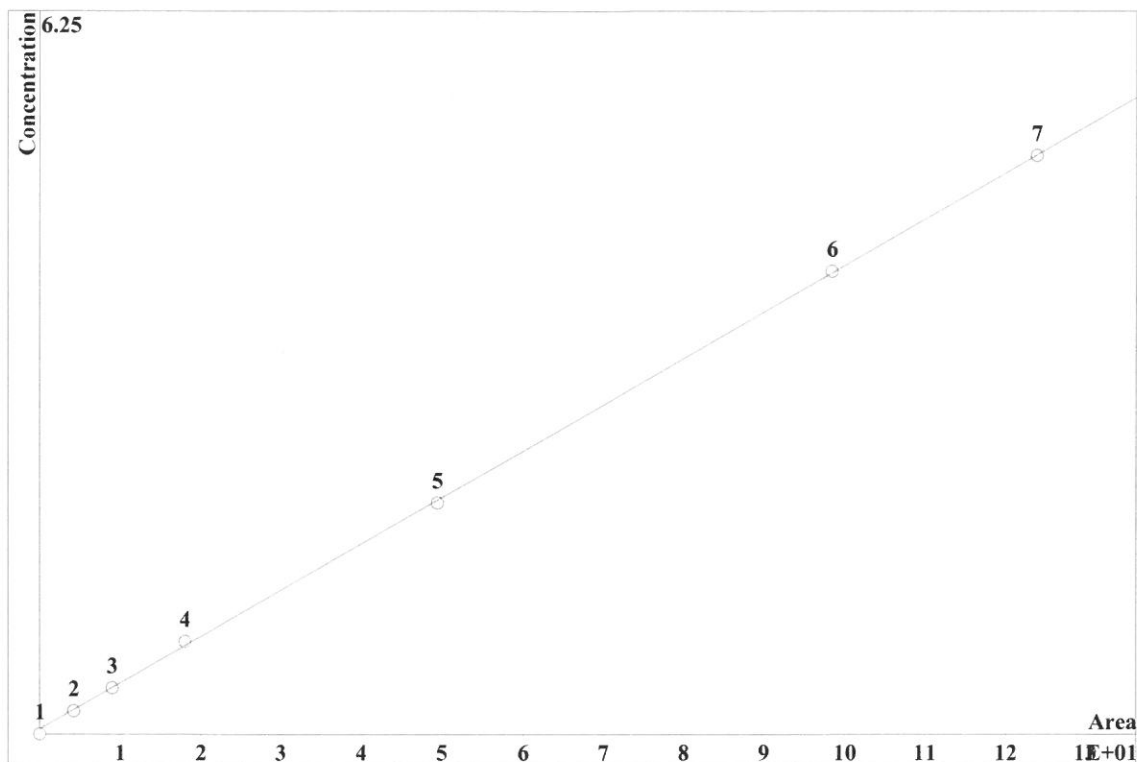
Date/Time 10/01/2020 10:30
Received by: AMC (wet-chem)
Relinquished by: KS (wet-chem)

Date/Time 10/01/2020 11:00
Received by: KS (wet-chem)
Relinquished by: AMC (wet-chem)

CALIBRATION OF COMPONENT F-

Method: ANIONS 09-22-20.mtw
 Equation: $Q = 0.800849 \cdot A + 0.89239$
 RSD: 1.147 %
 Correlation coefficient: 0.999944

IC-1
 300.0
 9/23/2020
 AM



K3 = 0 K2 = 0 K1 = 0.800849 K0 = 0.89239

Base: Area

Ref.channel: Cond

ISTD:

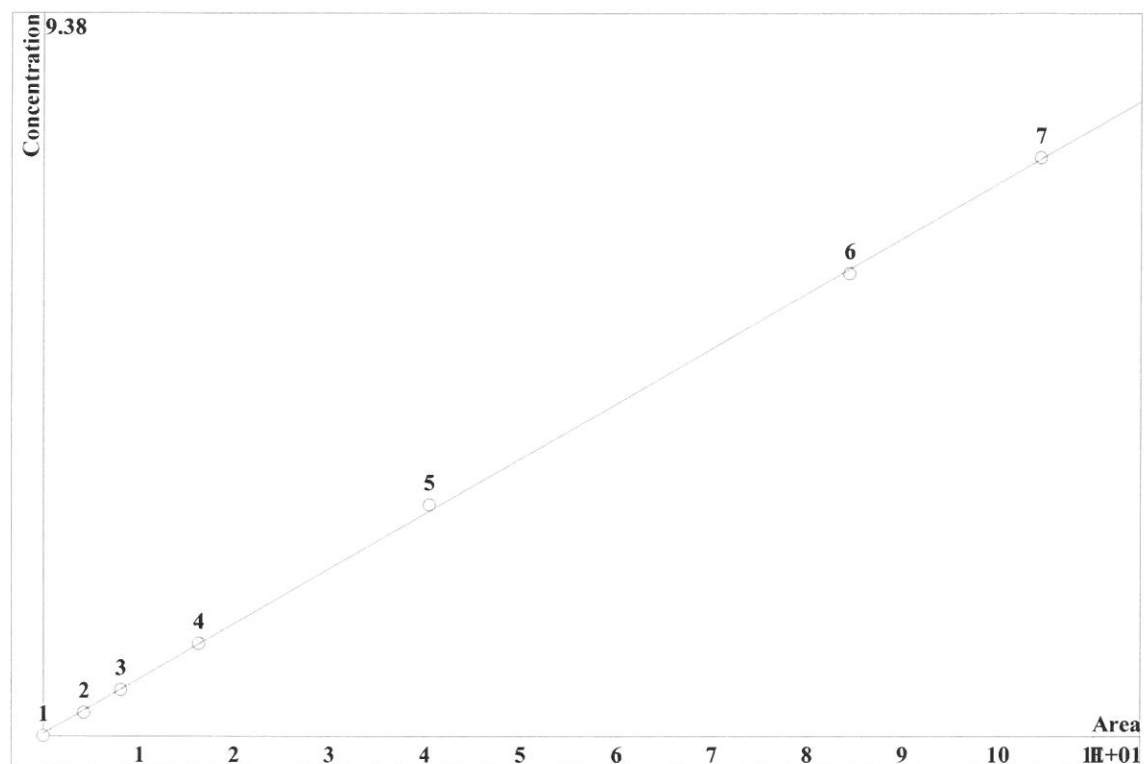
Formula: Linear

Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0	0	0	0	0		No
2	0.3087	4.231	0.2	20	5.798		Yes
3	0.625	8.984	0.4	20	5.798		Yes
4	1.288	18.01	0.8	20	5.798		Yes
5	3.404	49.45	2	20	5.798		Yes
6	7.051	98.42	4	20	5.798		Yes
7	8.977	123.9	5	20	5.718		Yes

CALIBRATION OF COMPONENT CL-

Method: ANIONS 09-22-20.mtw
 Equation: $Q = 1.42688 \cdot A + 0.641805$
 RSD: 1.696 %
 Correlation coefficient: 0.999878



K3 = 0 K2 = 0 K1 = 1.42688 K0 = 0.641805

Base: Area

Ref.Channel: Cond

ISTD:

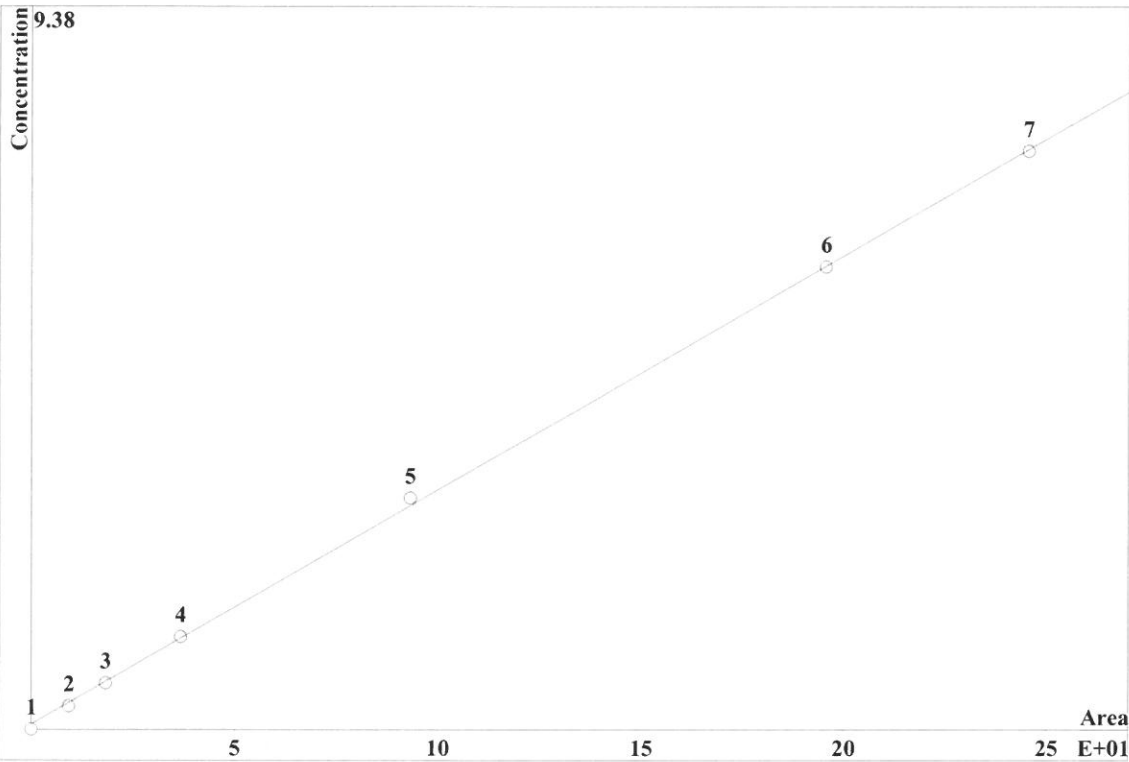
Formula: Linear

Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File	
1	0	0	0	0	0	0	0	No
2	0.2558	4.219	0.3	20	9.004	Yes		Yes
3	0.4967	8.094	0.6	20	9.004	Yes		Yes
4	0.9865	16.33	1.2	20	9.004	Yes		Yes
5	2.53	40.47	3	20	9.004	Yes		Yes
6	5.272	84.44	6	20	9.004	Yes		Yes
7	6.697	104.5	7.5	20	8.798	Yes		Yes

CALIBRATION OF COMPONENT NO2

Method: ANIONS 09-22-20.mtw
Equation: $Q = 0.607626 \cdot A + 1.37076$
RSD: 1.871 %
Correlation coefficient: 0.999852

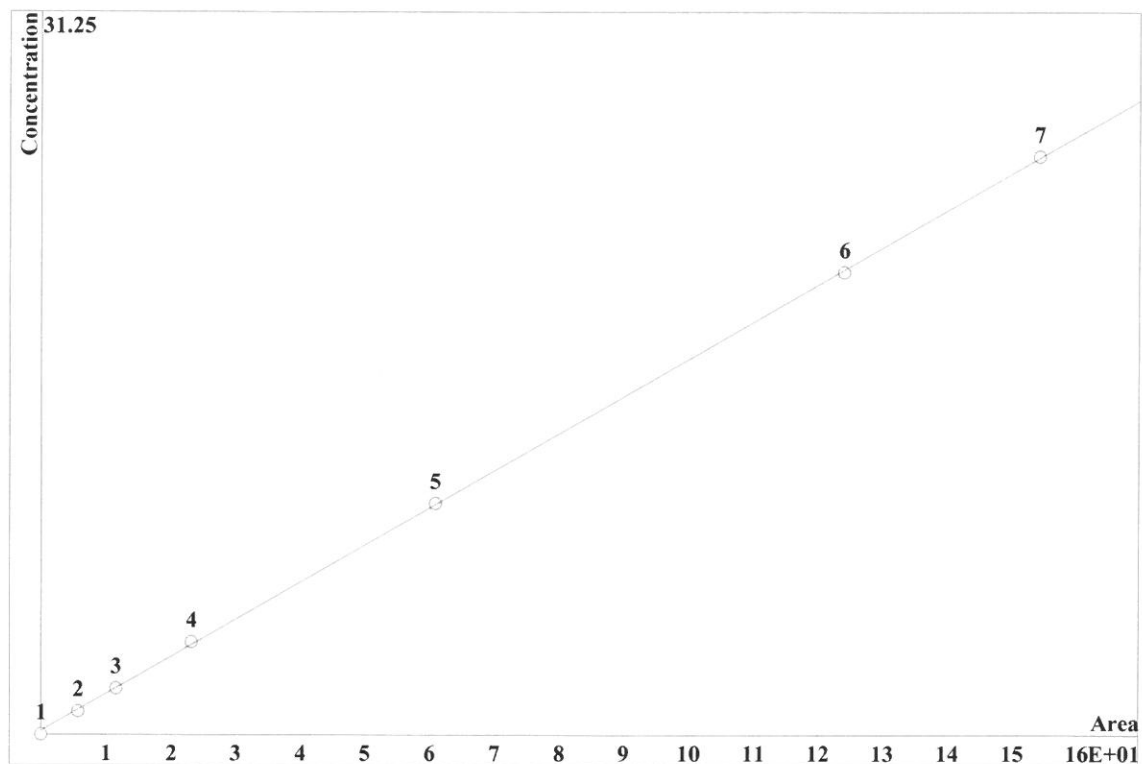


K3 = 0 K2 = 0 K1 = 0.607626 K0 = 1.37076
Base: Area
Ref.channel: Cond
ISTD:
Formula: Linear
Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0	0	0	0	0		No
2	0.4701	9.22	0.3	20	10.93		Yes
3	0.9161	18.32	0.6	20	10.93		Yes
4	1.842	36.77	1.2	20	10.93		Yes
5	4.626	93.29	3	20	10.93		Yes
6	9.23	195.6	6	20	10.93		Yes
7	11.71	245.5	7.5	20	10.57		Yes

CALIBRATION OF COMPONENT BR-

Method: ANIONS 09-22-20.mtw
 Equation: $Q = 3.21651 \cdot A + 3.26744$
 RSD: 0.910 %
 Correlation coefficient: 0.999965



K3 = 0 K2 = 0 K1 = 3.21651 K0 = 3.26744

Base: Area

Ref.channel: Cond

ISTD:

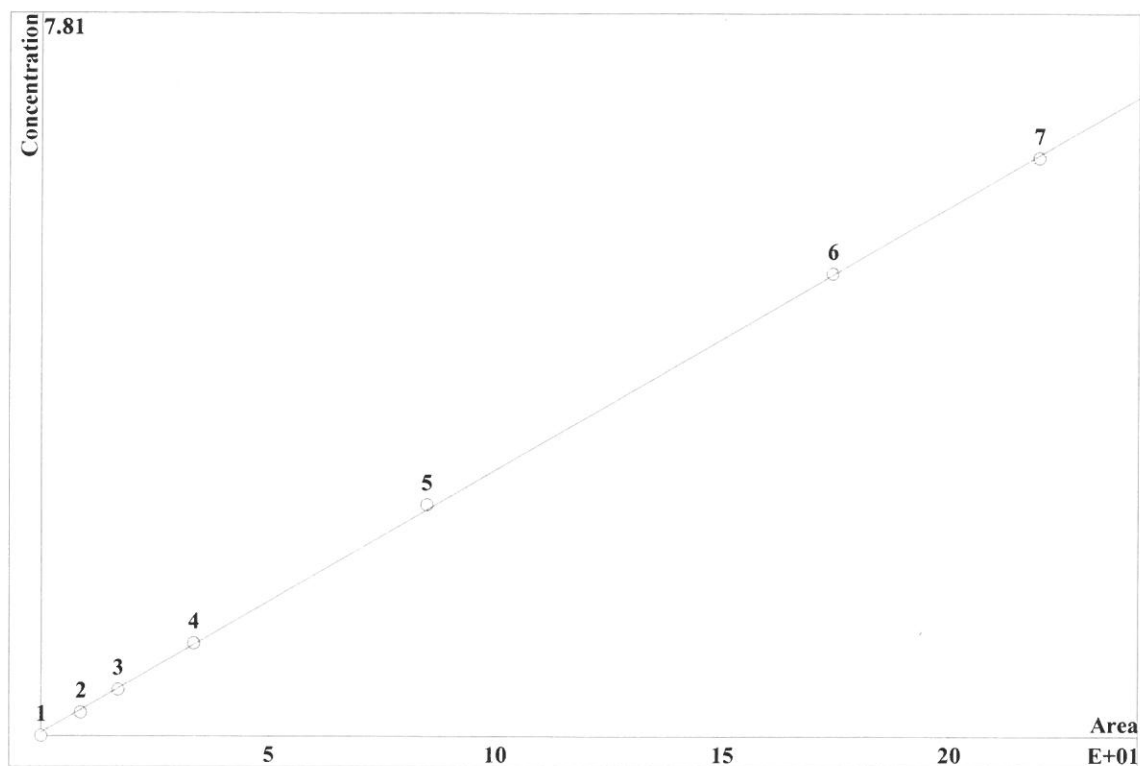
Formula: Linear

Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0	0	0	0	0		No
2	0.2403	5.718	1	20	14.19	Yes	
3	0.4776	11.56	2	20	14.19	Yes	
4	0.9705	23.18	4	20	14.19	Yes	
5	2.538	60.87	10	20	14.19	Yes	
6	5.33	124	20	20	14.19	Yes	
7	6.825	154.1	25	20	13.6	Yes	

CALIBRATION OF COMPONENT NO3

Method: ANIONS 09-22-20.mtw
 Equation: $Q = 0.568419 \cdot A + 0.724551$
 RSD: 1.465 %
 Correlation coefficient: 0.999909



K3 = 0 K2 = 0 K1 = 0.568419 K0 = 0.724551

Base: Area

Ref.channel: Cond

ISTD:

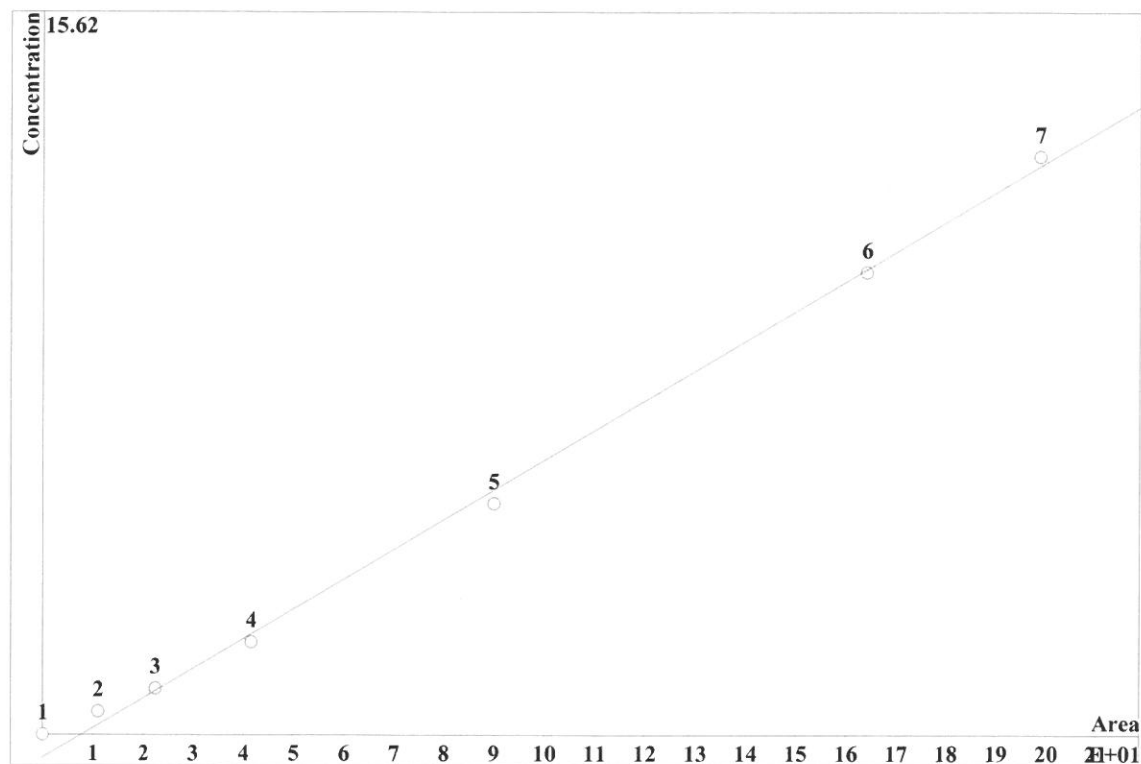
Formula: Linear

Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0	0	0	0	0		No
2	0.2894	8.644	0.25	20	16.5		Yes
3	0.5606	16.96	0.5	20	16.5		Yes
4	1.122	33.47	1	20	16.5		Yes
5	2.867	84.73	2.5	20	16.5		Yes
6	5.927	174.2	5	20	16.5		Yes
7	7.603	219.7	6.25	20	15.54		Yes

CALIBRATION OF COMPONENT HPO4

Method: ANIONS 09-22-20.mtw
 Equation: $Q = 1.28744 \cdot A - 9.89875$
 RSD: 4.818 %
 Correlation coefficient: 0.999019



K3 = 0 K2 = 0 K1 = 1.28744 K0 = -9.89875

Base: Area

Ref.channel: Cond

ISTD:

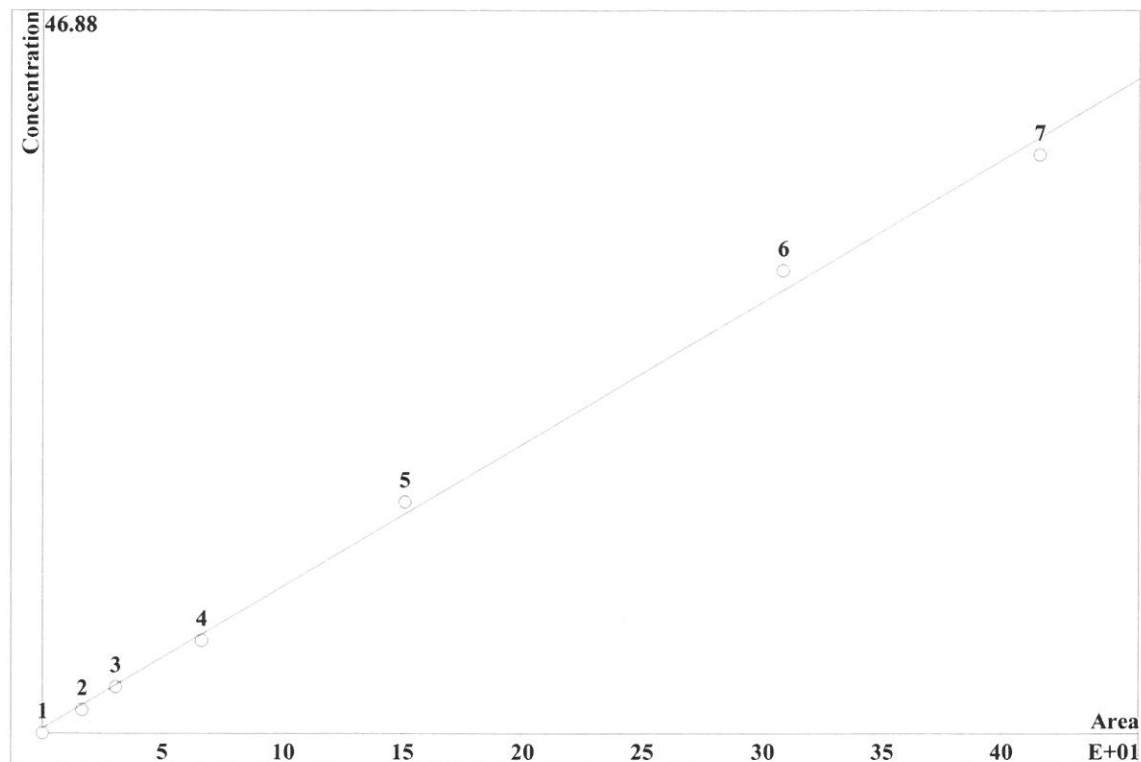
Formula: Linear

Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File	
1	0	0	0	0	0			No
2	0.2024	10.98	0.5	20	21.83			Yes
3	0.4352	22.51	1	20	21.83			Yes
4	0.8475	41.54	2	20	21.83			Yes
5	1.938	89.88	5	20	21.83			Yes
6	3.65	164.1	10	20	21.83			Yes
7	4.582	198.7	12.5	20	21.75			Yes

CALIBRATION OF COMPONENT SO4

Method: ANIONS 09-22-20.mtw
 Equation: $Q = 1.84331 \cdot A + 6.47641$
 RSD: 6.287 %
 Correlation coefficient: 0.998328



K3 = 0 K2 = 0 K1 = 1.84331 K0 = 6.47641

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	0.3653	16.49	1.5	20	25.33		Yes
3	0.6989	30.58	3	20	25.33		Yes
4	1.402	66.17	6	20	25.33		Yes
5	3.568	150.9	15	20	25.33		Yes
6	7.381	308.2	30	20	25.33		Yes
7	9.513	415.6	37.5	20	25.43		Yes

Report date: 9/23/2020 8:10:57 AM
Printed by: wet

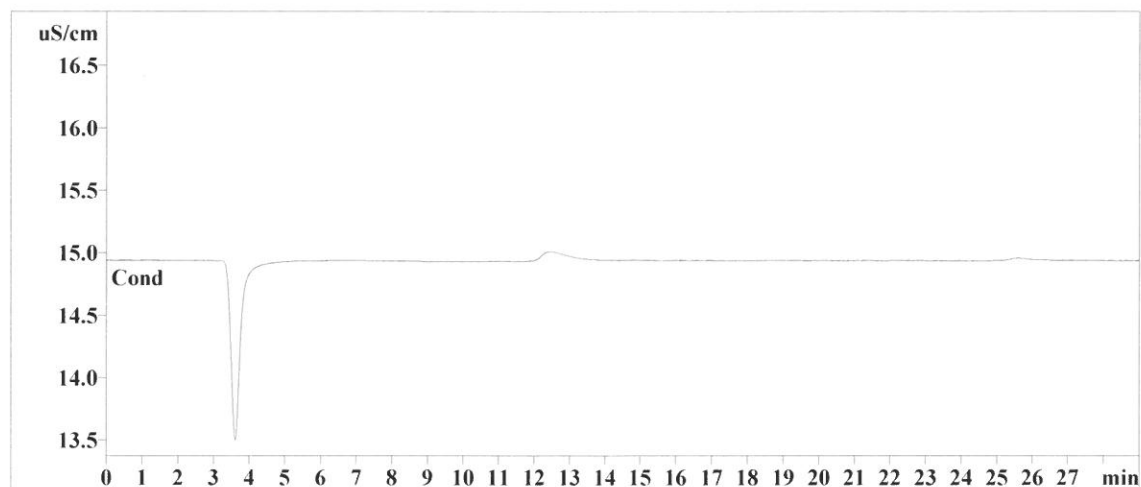
Ident: STD1
Analysis from: 9/22/2020 5:12:18 PM
File: _2020-09-22_

Last save: 9/23/2020 8:08:30 AM

Method: ANIONS 09-22-20.mtw
Run operator: wet
Analysis number: 71539

Last save: 9/22/2020 9:01:42 AM

SAMPLE:
: AM/AP
Vial number: 1
Volume: 20.0 μ L
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No peaks

This report has been created by IC Net
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Report date: 9/23/2020 8:11:04 AM
Printed by: wet

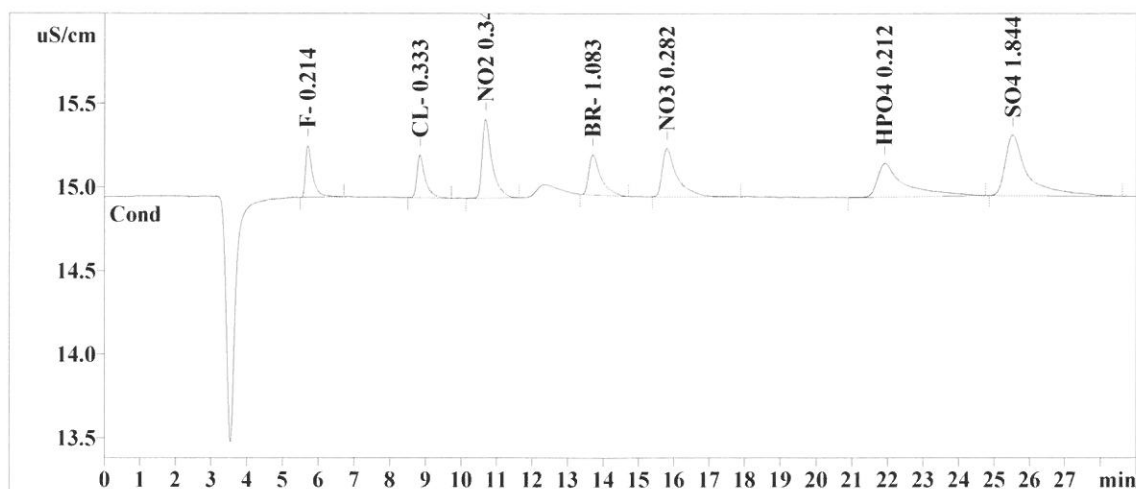
Ident: STD2
Analysis from: 9/22/2020 6:16:06 PM
File: _2020-09-22_

Last save: 9/23/2020 8:08:30 AM

Method: ANIONS 09-22-20.mtw
Run operator: wet
Analysis number: 71541

Last save: 9/22/2020 9:01:42 AM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.71	0.186	0.31	14.47	4.231	7.11	0.
2	8.83	0.227	0.26	11.97	4.219	7.09	0.
3	10.68	0.273	0.47	22.02	9.220	15.49	0.
4	13.70	0.326	0.24	11.23	5.718	9.61	0.
5	15.79	0.394	0.29	13.55	8.644	14.53	0.
6	21.91	0.604	0.20	9.48	10.978	18.45	0.
7	25.51	0.530	0.37	17.13	16.491	27.71	0.
7	29.00	0.363	2.13	99.85	59.501	100.00	0.

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Report date: 9/23/2020 8:11:10 AM
 Printed by: wet

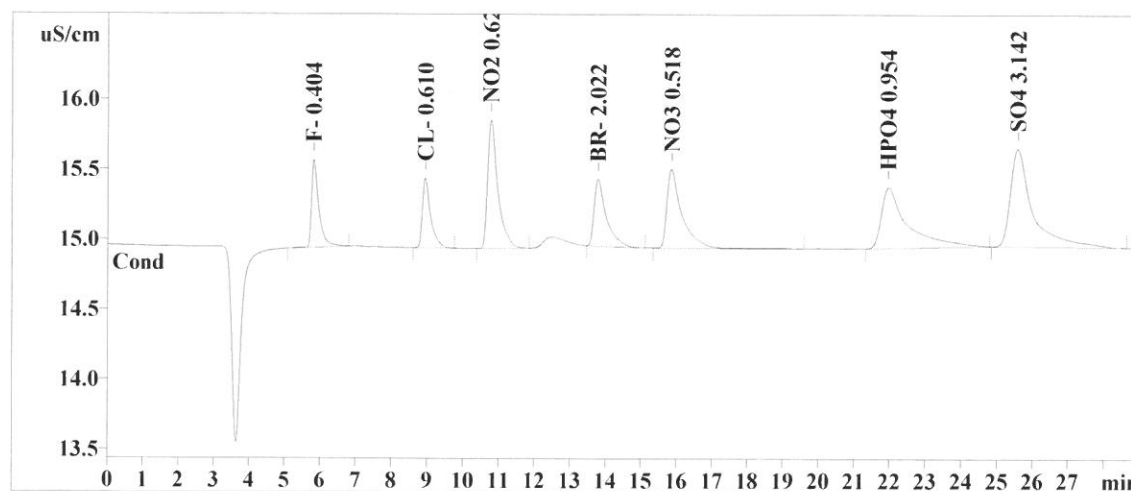
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 Analysis from: 9/22/2020 6:48:00 PM
 File: _2020-09-22_

Last save: 9/23/2020 8:08:30 AM

Method: ANIONS 09-22-20.mtw
 Run operator: wet
 Analysis number: 71542

Last save: 9/22/2020 9:01:42 AM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.82	0.195	0.63	14.85	8.984	7.68	0.
2	8.94	0.225	0.50	11.80	8.094	6.92	0.
3	10.77	0.278	0.92	21.76	18.317	15.66	0.
4	13.78	0.326	0.48	11.33	11.560	9.88	0.
5	15.84	0.395	0.56	13.31	16.957	14.49	0.
6	21.96	0.584	0.43	10.33	22.514	19.24	0.
7	25.57	0.525	0.70	16.57	30.578	26.13	0.
7	29.00	0.361	4.21	99.95	117.003	100.00	0.

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Report date: 9/23/2020 8:11:17 AM
 Printed by: wet

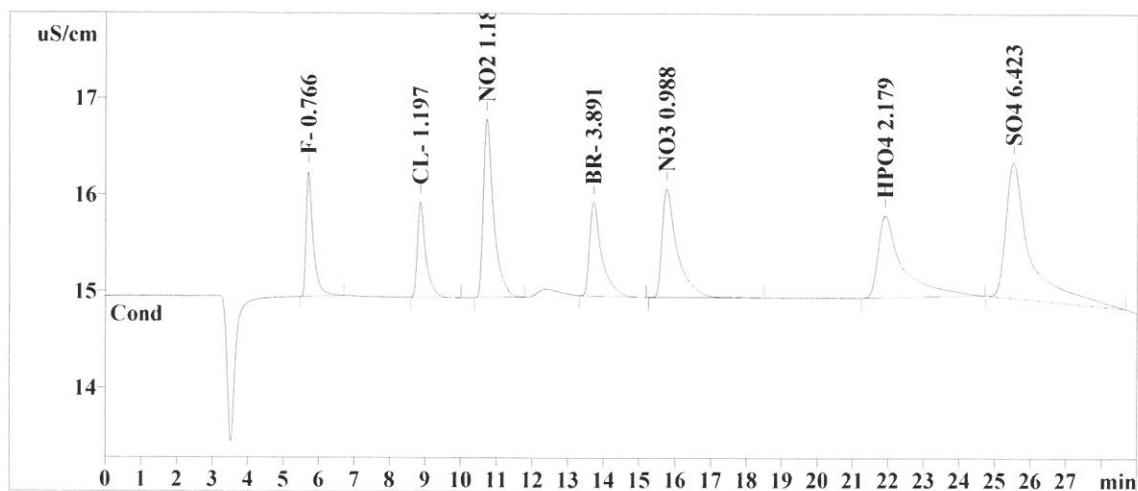
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 Analysis from: 9/22/2020 7:19:54 PM
 File: _2020-09-22_

Last save: 9/23/2020 8:08:30 AM

Method: ANIONS 09-22-20.mtw
 Run operator: wet
 Analysis number: 71543

Last save: 9/22/2020 9:01:42 AM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.70	0.192	1.29	15.22	18.007	7.65	0.
2	8.85	0.230	0.99	11.66	16.334	6.94	0.
3	10.72	0.280	1.84	21.78	36.771	15.62	0.
4	13.71	0.322	0.97	11.47	23.176	9.84	0.
5	15.74	0.395	1.12	13.25	33.473	14.21	0.
6	21.91	0.559	0.85	10.02	41.541	17.64	0.
7	25.52	0.530	1.40	16.57	66.174	28.10	0.
7	29.00	0.358	8.46	99.98	235.477	100.00	0.

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Report date: 9/23/2020 8:11:24 AM
Printed by: wet

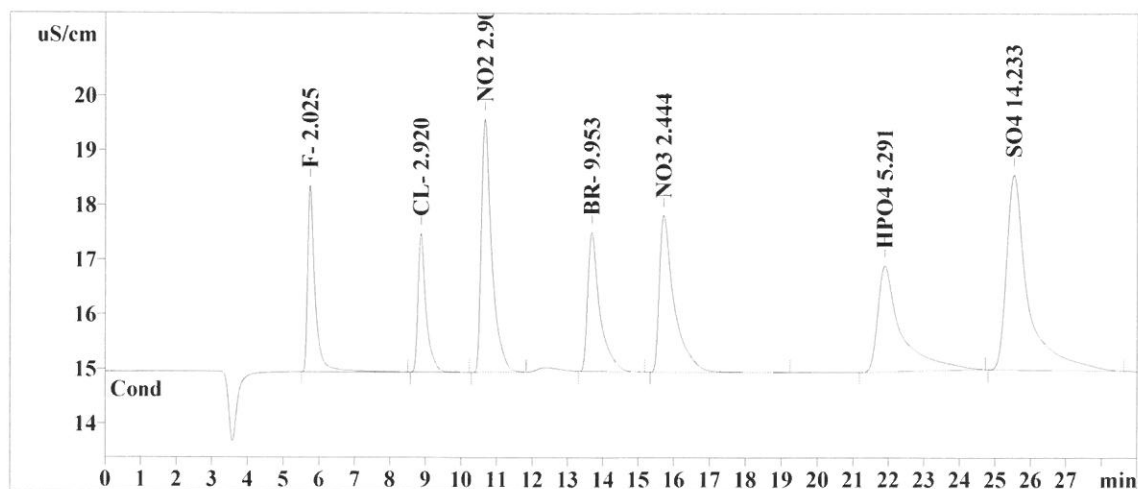
Ident: STD5
Analysis from: 9/22/2020 7:51:48 PM
File: _2020-09-22_

Last save: 9/23/2020 8:08:30 AM

Method: ANIONS 09-22-20.mtw
Run operator: wet
Analysis number: 71544

Last save: 9/22/2020 9:01:42 AM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.74	0.191	3.40	15.85	49.446	8.68	0.
2	8.86	0.222	2.53	11.78	40.475	7.11	0.
3	10.66	0.286	4.63	21.54	93.290	16.38	0.
4	13.67	0.323	2.54	11.82	60.873	10.69	0.
5	15.70	0.397	2.87	13.35	84.735	14.88	0.
6	21.89	0.536	1.94	9.03	89.884	15.78	0.
7	25.52	0.517	3.57	16.62	150.915	26.49	0.
7	29.00	0.353	21.47	99.99	569.616	100.00	0.

This report has been created by IC Net
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Report date: 9/23/2020 8:11:30 AM
Printed by: wet

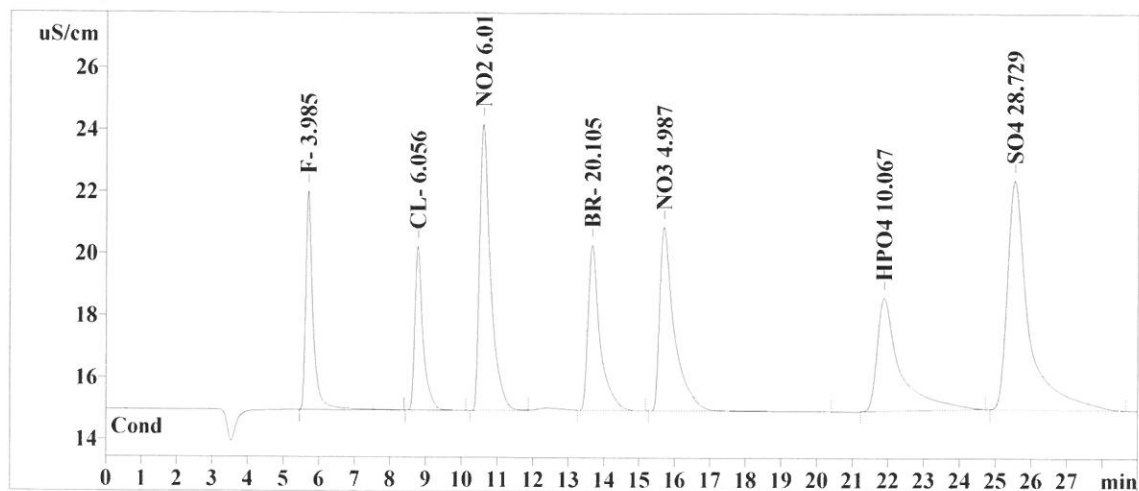
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Analysis from: 9/22/2020 8:23:42 PM
File: _2020-09-22_

Last save: 9/23/2020 8:08:30 AM

Method: ANIONS 09-22-20.mtw
Run operator: wet
Analysis number: 71545

Last save: 9/22/2020 9:01:42 AM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.69	0.185	7.05	16.08	98.416	8.57	0.
2	8.77	0.221	5.27	12.03	84.438	7.35	0.
3	10.59	0.305	9.23	21.05	195.630	17.03	0.
4	13.66	0.309	5.33	12.16	123.993	10.79	0.
5	15.68	0.391	5.93	13.52	174.187	15.16	0.
6	21.88	0.525	3.65	8.32	164.078	14.28	0.
7	25.52	0.511	7.38	16.84	308.195	26.82	0.
7	29.00	0.350	43.84	99.99	1148.936	100.00	0.

This report has been created by IC Net
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Report date: 9/23/2020 8:11:36 AM
Printed by: wet

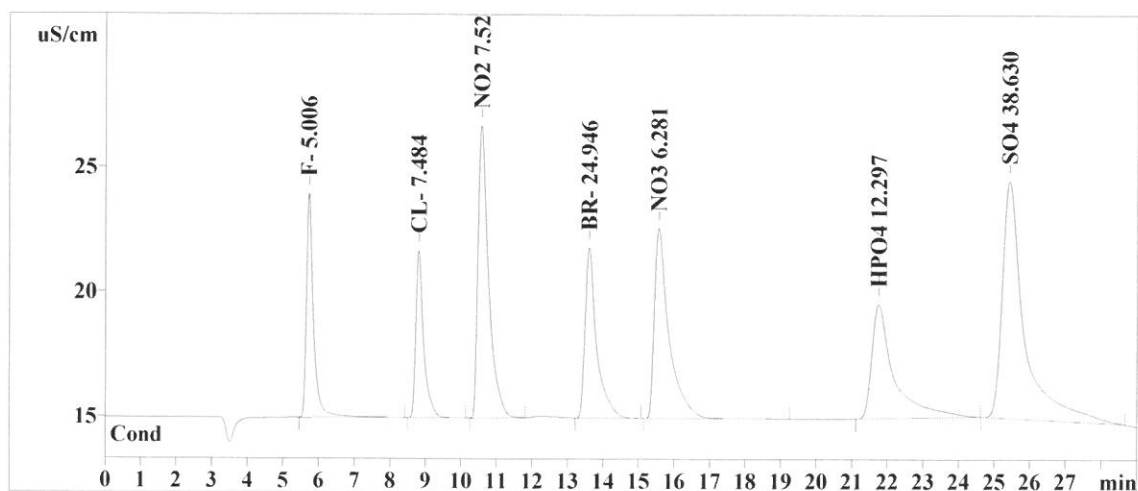
Ident: STD7
Analysis from: 9/22/2020 8:55:36 PM
File: _2020-09-22_

Last save: 9/23/2020 8:09:14 AM

Method: ANIONS 09-22-20.mtw
Run operator: wet
Analysis number: 71546

Last save: 9/22/2020 9:01:42 AM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.72	0.183	8.98	16.06	123.902	8.48	0.
2	8.80	0.215	6.70	11.98	104.451	7.14	0.
3	10.57	0.303	11.71	20.94	245.456	16.79	0.
4	13.60	0.301	6.82	12.21	154.096	10.54	0.
5	15.54	0.385	7.60	13.60	219.729	15.03	0.
6	21.75	0.506	4.58	8.20	198.712	13.59	0.
7	25.43	0.527	9.51	17.02	415.623	28.43	0.
7	29.00	0.346	55.90	99.99	1461.969	100.00	0.

This report has been created by IC Net
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Report date: 9/23/2020 8:11:55 AM
 Printed by: wet

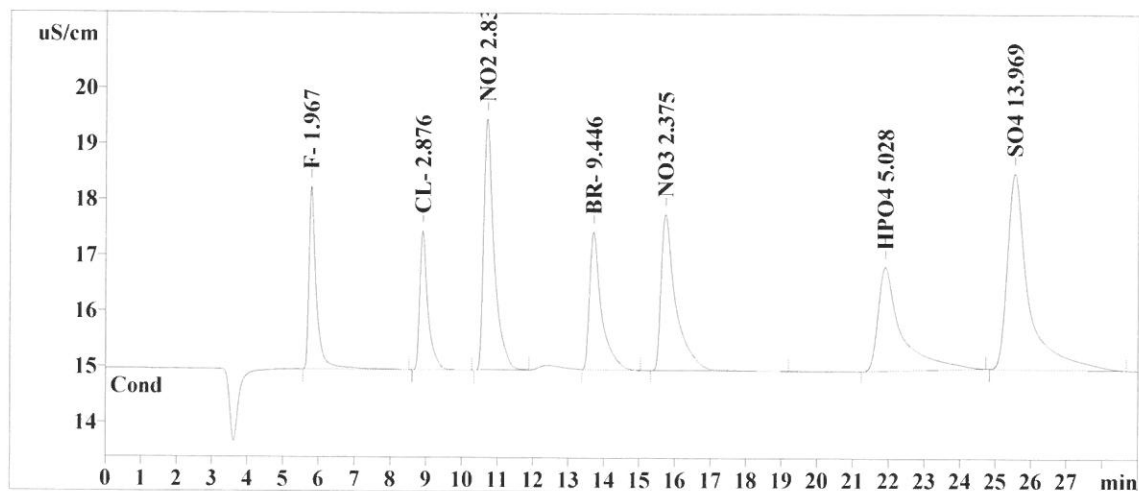
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 Analysis from: 9/22/2020 9:27:30 PM
 File: _2020-09-22_

Last save: 9/23/2020 8:09:14 AM

Method: ANIONS 09-22-20.mtw
 Run operator: wet
 Analysis number: 71547

Last save: 9/22/2020 9:01:42 AM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.78	0.193	3.27	15.64	48.017	8.68	0.
2	8.89	0.220	2.49	11.92	39.863	7.21	0.
3	10.69	0.284	4.50	21.52	91.171	16.49	0.
4	13.70	0.309	2.47	11.82	57.717	10.44	0.
5	15.71	0.387	2.80	13.39	82.277	14.88	0.
6	21.89	0.530	1.87	8.92	85.794	15.52	0.
7	25.53	0.515	3.51	16.78	148.049	26.78	0.
7	29.00	0.348	20.91	99.99	552.888	100.00	0.

This report has been created by IC Net
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Report date: 9/23/2020 8:12:04 AM
Printed by: wet

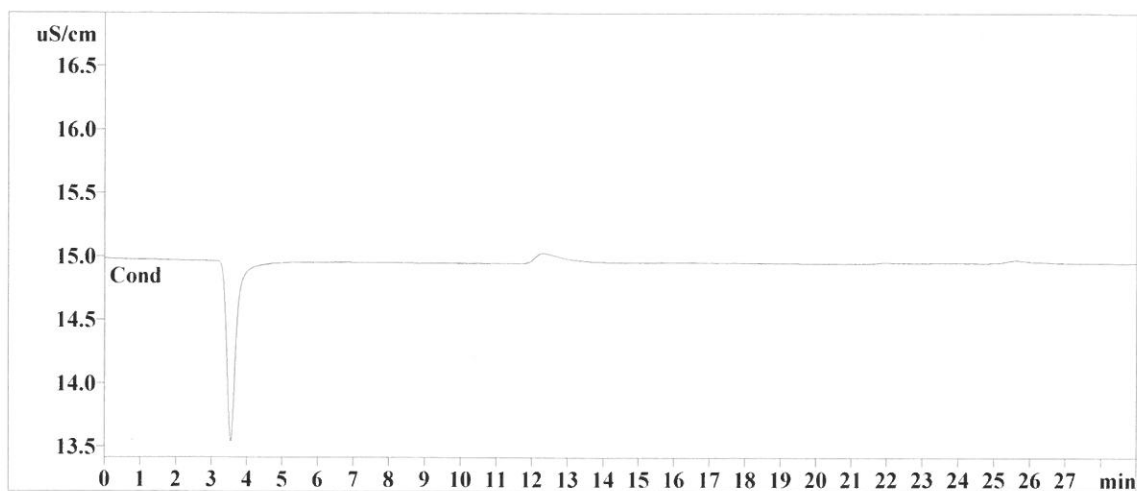
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Analysis from: 9/22/2020 9:59:24 PM
File: _2020-09-22_

Last save: 9/23/2020 8:09:14 AM

Method: ANIONS 09-22-20.mtw
Run operator: wet
Analysis number: 71548

Last save: 9/22/2020 9:01:42 AM

SAMPLE:
: AM/AP
Vial number: 10
Volume: 20.0 μ L
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No peaks

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