

LB112788
 WORKLIST(Hardcopy Internal Chain)

WorkList Name : Anions-11421 WorkList ID : 145689 Department : Wet-Chemistry Date : 01-14-2021 08:50:38

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
01/13/2021	Water	M1144-01 A	Anions Group2	Cool 4 deg C	STER10	F62	POOL-WATER	01/11/2021	300.0

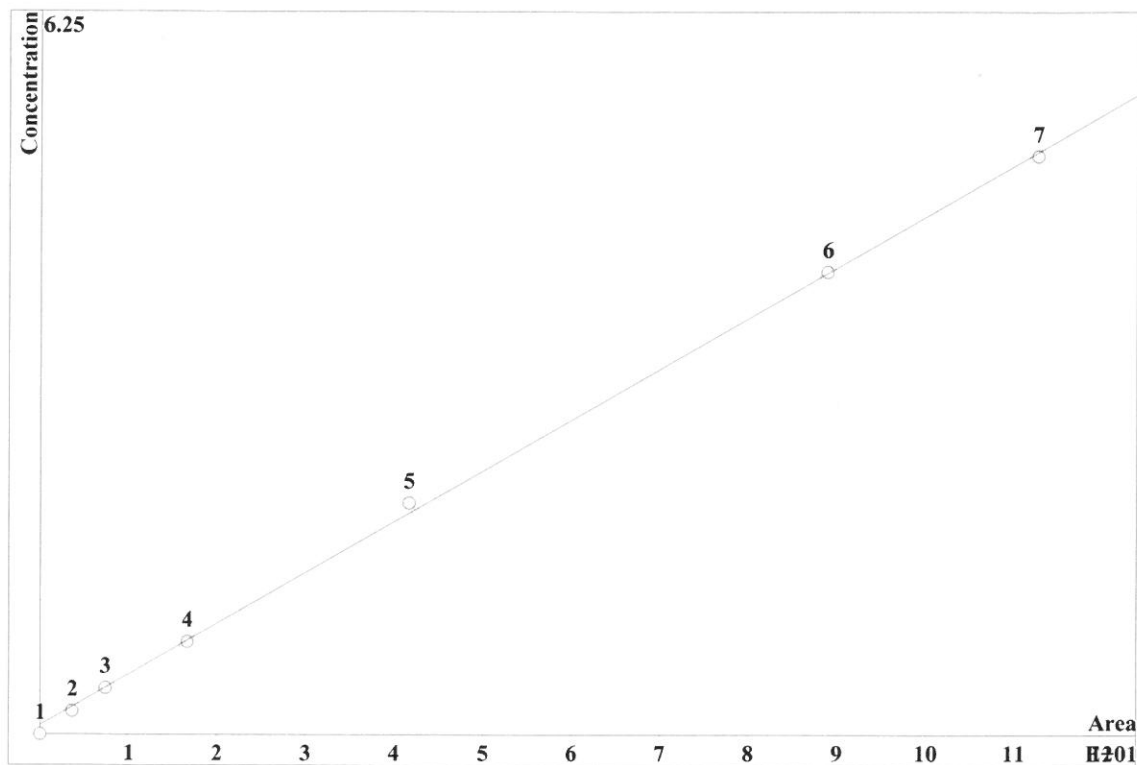
Date/Time 01/14/2021 11:05
 Received by: AMCwittchen
 Relinquished by: AMCwittchen

Date/Time 01/14/2021 11:55
 Received by: AMCwittchen
 Relinquished by: AMCwittchen

CALIBRATION OF COMPONENT F-

Method: ANIONS 01-04-21.mtw
 Equation: $Q = 0.88025 \cdot A + 1.60325$
 RSD: 2.525 %
 Correlation coefficient: 0.999731

IC-1
 300.0
 01/05/2021
 AM



K3 = 0 K2 = 0 K1 = 0.88025 K0 = 1.60325

Base: Area

Ref.channel: Cond

ISTD:

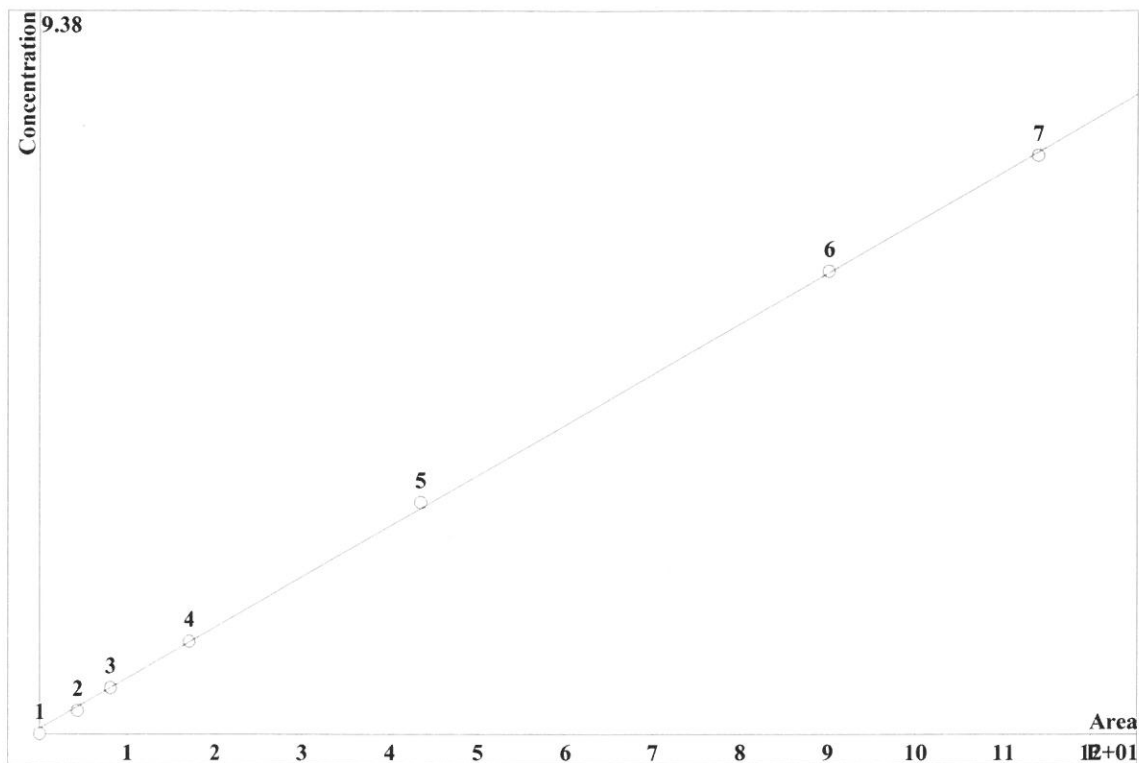
Formula: Linear

Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0	0	0	0	0	No	
2	0.09627	3.624	0.2	20	5.822	Yes	
3	0.1858	7.398	0.4	20	5.822	Yes	
4	0.4894	16.71	0.8	20	5.822	Yes	
5	1.175	41.64	2	20	5.822	Yes	
6	2.507	88.83	4	20	5.822	Yes	
7	3.11	112.6	5	20	5.822	Yes	

CALIBRATION OF COMPONENT CL-

Method: ANIONS 01-04-21.mtw
 Equation: $Q = 1.31202 \cdot A + 1.4264$
 RSD: 1.725 %
 Correlation coefficient: 0.999874

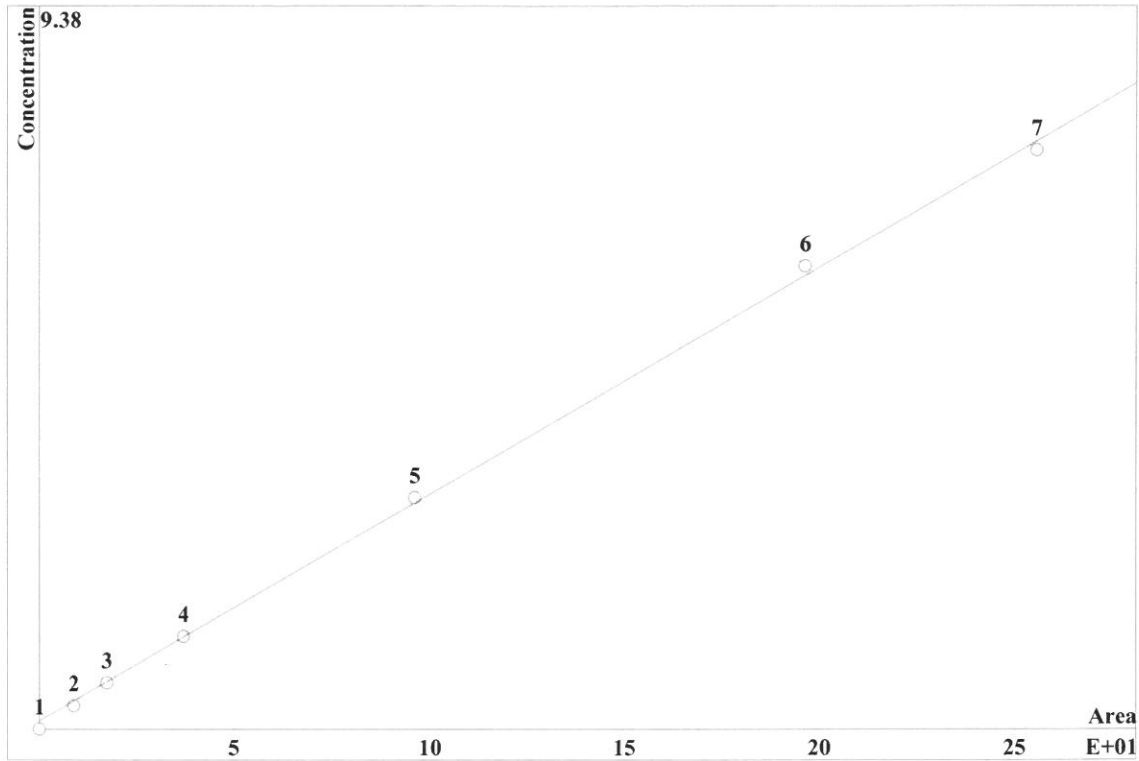


K3 = 0 K2 = 0 K1 = 1.31202 K0 = 1.4264
 Base: Area
 Ref.channel: Cond
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0	0	0	0	0	No	
2	0.3226	4.331	0.3	20	9.31	Yes	
3	0.6113	8.137	0.6	20	9.31	Yes	
4	1.297	17.09	1.2	20	9.31	Yes	
5	3.318	43.47	3	20	9.31	Yes	
6	6.958	90.07	6	20	9.31	Yes	
7	8.989	113.9	7.5	20	9.31	Yes	

CALIBRATION OF COMPONENT NO2

Method: ANIONS 01-04-21.mtw
 Equation: $Q = 0.587678 \cdot A + 2.15085$
 RSD: 3.152 %
 Correlation coefficient: 0.999580

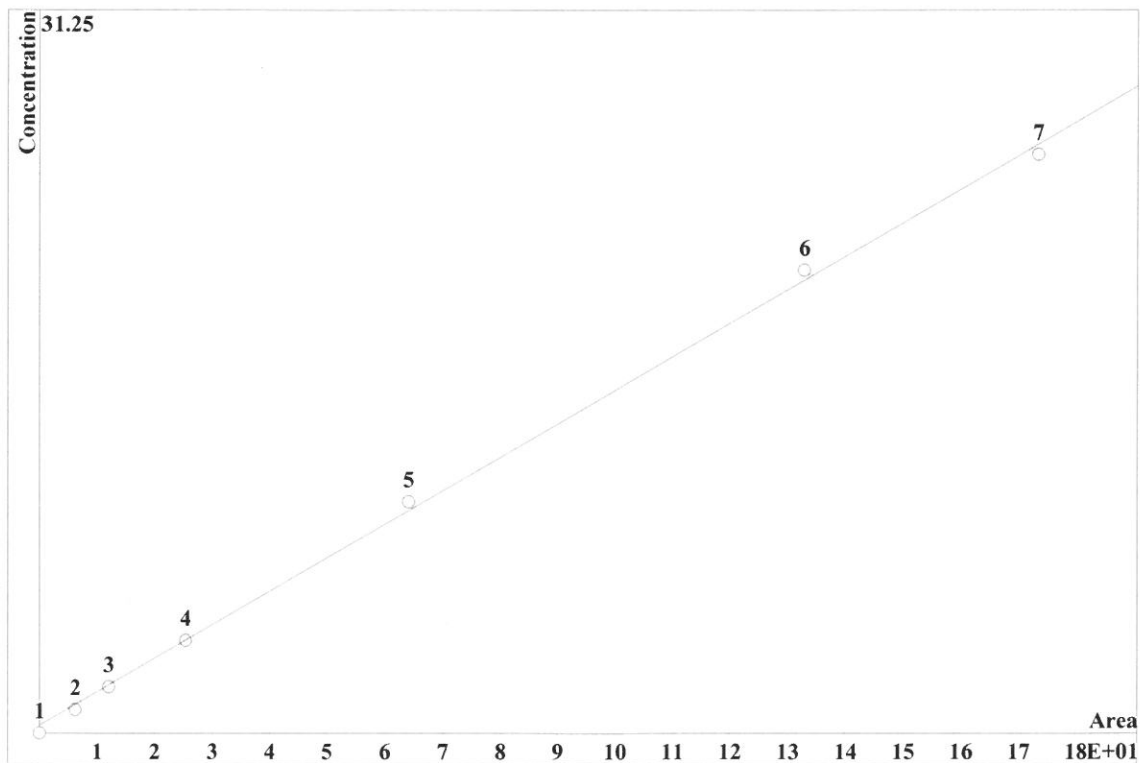


K3 = 0 K2 = 0 K1 = 0.587678 K0 = 2.15085
 Base: Area
 Ref.channel: Cond
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0	0	0	0	0		No
2	0.5279	8.733	0.3	20	11.45	Yes	
3	1.015	17.24	0.6	20	11.45	Yes	
4	2.119	37.01	1.2	20	11.45	Yes	
5	5.09	96.15	3	20	11.45	Yes	
6	9.875	196.3	6	20	11.45	Yes	
7	12.41	255.6	7.5	20	11.45	Yes	

CALIBRATION OF COMPONENT BR-

Method: ANIONS 01-04-21.mtw
 Equation: $Q = 2.89714 \cdot A + 6.828$
 RSD: 3.738 %
 Correlation coefficient: 0.999409



K3 = 0 K2 = 0 K1 = 2.89714 K0 = 6.828

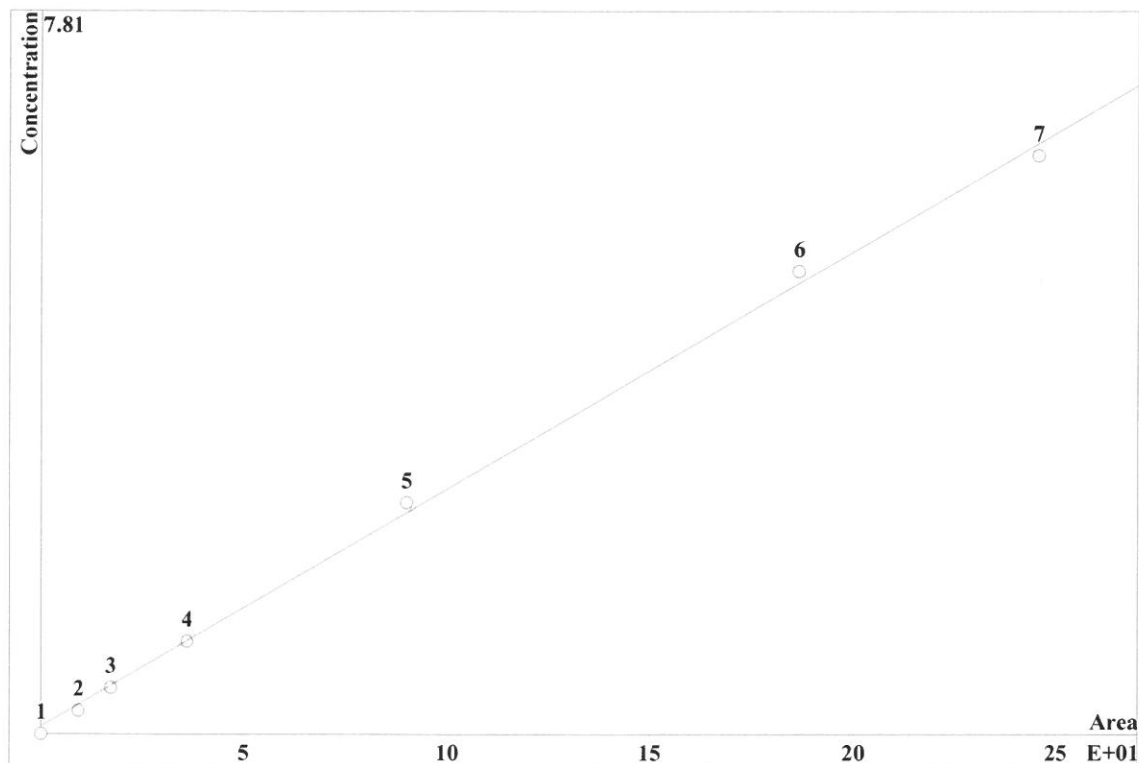
Base: Area
 Ref.channel: Cond
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File	
1	0	0	0	0	0			No
2	0.2998	6.248	1	20	15.03			Yes
3	0.5895	12.08	2	20	15.03			Yes
4	1.266	25.4	4	20	15.03			Yes
5	3.262	64.05	10	20	15.03			Yes
6	6.929	132.8	20	20	15.03			Yes
7	9.004	173.3	25	20	15.03			Yes

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CALIBRATION OF COMPONENT NO3

Method: ANIONS 01-04-21.mtw
 Equation: $Q = 0.512801 \cdot A + 1.69346$
 RSD: 4.353 %
 Correlation coefficient: 0.999199



K3 = 0 K2 = 0 K1 = 0.512801 K0 = 1.69346

Base: Area

Ref.channel: Cond

ISTD:

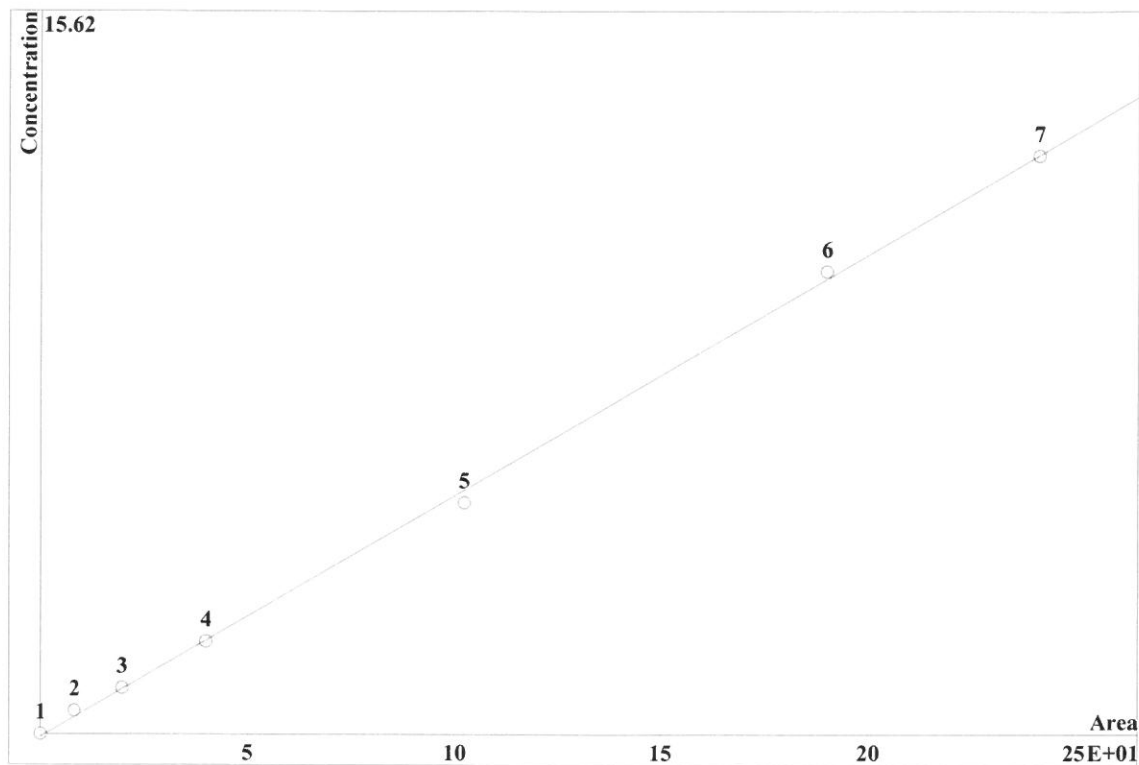
Formula: Linear

Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0	0	0	0	0		No
2	0.3633	9.114	0.25	20	17.65	Yes	
3	0.7016	17.18	0.5	20	17.65	Yes	
4	1.484	36.12	1	20	17.65	Yes	
5	3.76	90.04	2.5	20	17.65	Yes	
6	7.858	186.7	5	20	17.65	Yes	
7	10.16	245.6	6.25	20	17.65	Yes	

CALIBRATION OF COMPONENT HPO4

Method: ANIONS 01-04-21.mtw
 Equation: $Q = 1.04222 \cdot A - 1.17168$
 RSD: 3.359 %
 Correlation coefficient: 0.999523



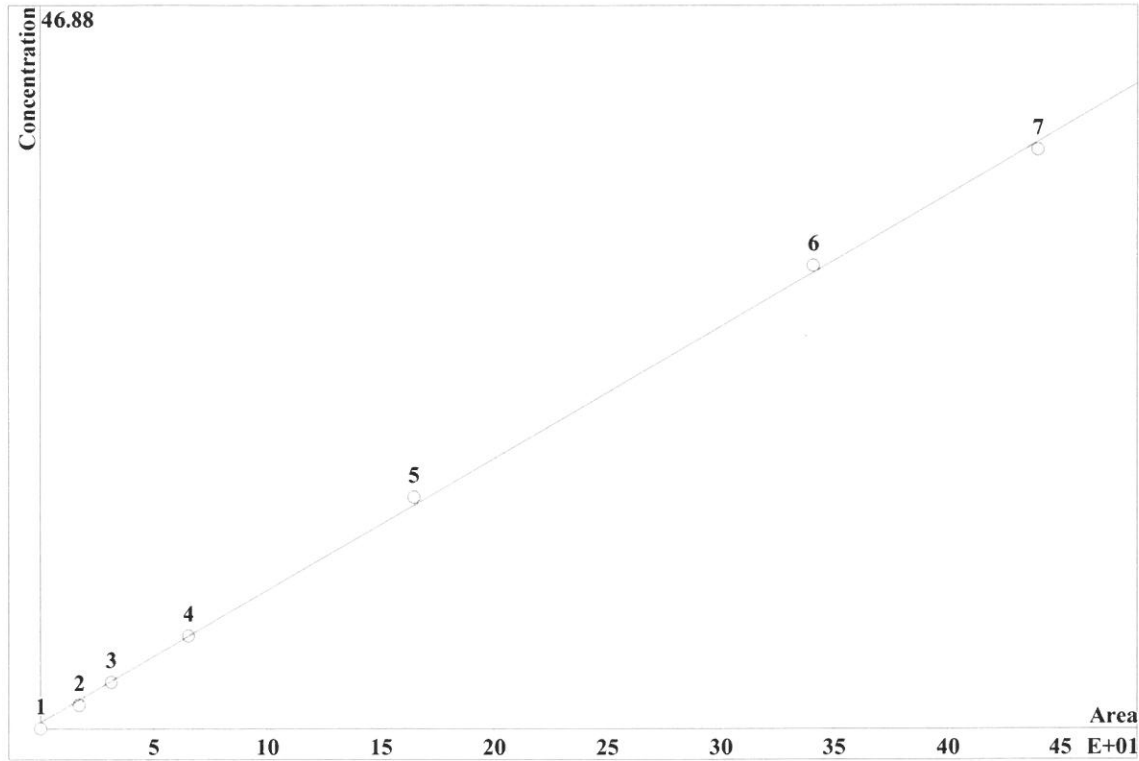
K3 = 0 K2 = 0 K1 = 1.04222 K0 = -1.17168

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	0.1772	8.225	0.5	20	23.03		Yes
3	0.4669	19.91	1	20	23.03		Yes
4	0.8833	40.02	2	20	23.03		Yes
5	2.811	102.3	5	20	23.03		Yes
6	5.544	189.9	10	20	23.03		Yes
7	7.006	241.3	12.5	20	23.03		Yes

CALIBRATION OF COMPONENT SO4

Method: ANIONS 01-04-21.mtw
 Equation: $Q = 1.71085 \cdot A + 8.12037$
 RSD: 3.037 %
 Correlation coefficient: 0.999610



K3 = 0 K2 = 0 K1 = 1.71085 K0 = 8.12037
 Base: Area
 Ref.channel: Cond
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0		0	0	0		No
2	0.483		17.03	1.5	20	26.99	Yes
3	0.9093		31.26	3	20	26.99	Yes
4	1.925		65.49	6	20	26.99	Yes
5	4.957		164.4	15	20	26.99	Yes
6	10.52		340.7	30	20	26.99	Yes
7	13.68		439.7	37.5	20	26.99	Yes

Report date: 1/5/2021 8:32:39 AM
Printed by: wet

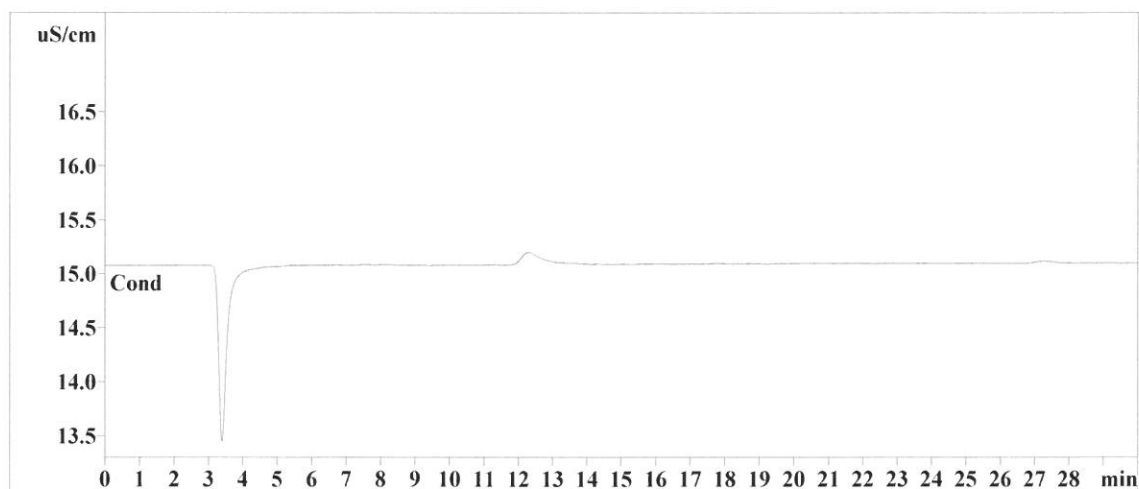
Ident: STD1
Analysis from: 1/4/2021 6:42:29 PM
File: _2021-01-04_

Last save: 1/5/2021 8:29:36 AM

Method: ANIONS 01-04-21.mtw
Run operator: wet
Analysis number: 72890

Last save: 1/4/2021 9:56:46 PM

SAMPLE:
: AM/AP
Vial number: 2
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: 1/5/2021 8:32:46 AM
Printed by: wet

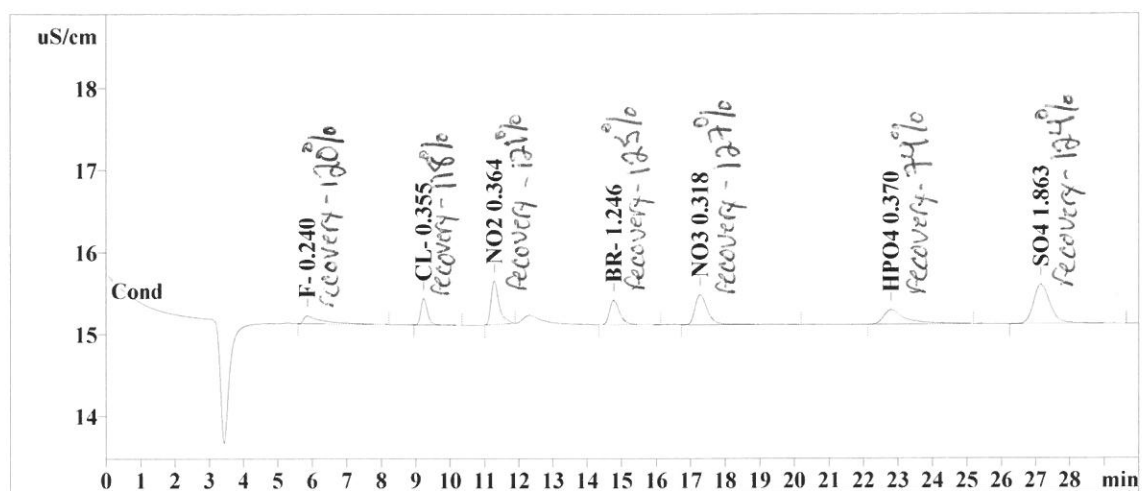
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Analysis from: 1/4/2021 7:15:23 PM
File: _2021-01-04_

Last save: 1/5/2021 8:29:36 AM

Method: ANIONS 01-04-21.mtw
Run operator: wet
Analysis number: 72891

Last save: 1/4/2021 9:56:46 PM

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	5.85	0.443	0.10	4.21	3.624	6.32	0.
2	9.22	0.197	0.32	14.20	4.331	7.56	0.
3	11.28	0.238	0.53	23.23	8.733	15.24	0.
4	14.77	0.309	0.30	13.17	6.248	10.90	0.
5	17.27	0.361	0.36	15.98	9.114	15.91	0.
6	22.79	0.574	0.18	7.78	8.225	14.35	0.
7	27.16	0.509	0.48	21.24	17.027	29.71	0.
7	30.00	0.376	2.27	99.82	57.303	100.00	0.

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Report date: 1/5/2021 8:32:54 AM
Printed by: wet

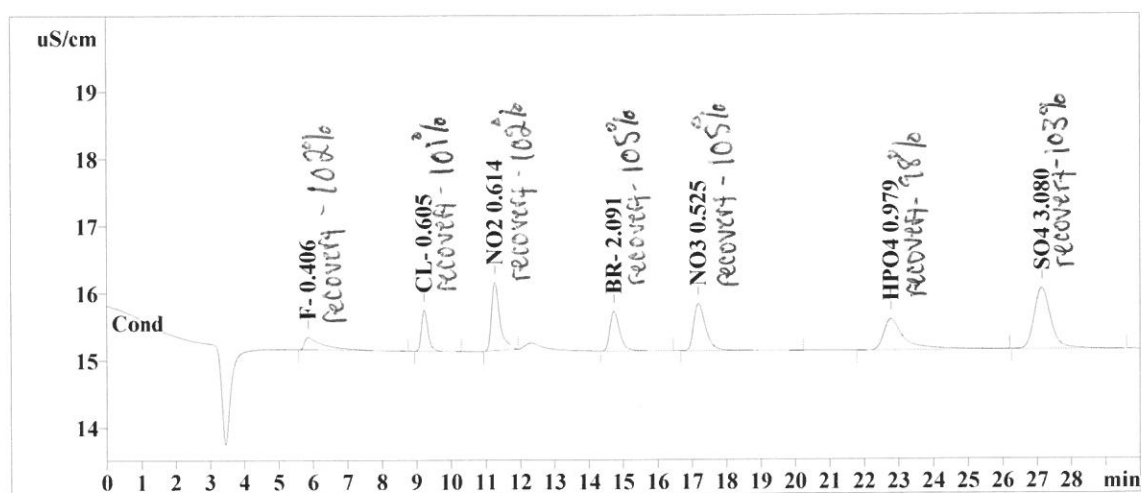
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Analysis from: 1/4/2021 7:48:17 PM
File: _2021-01-04_

Last save: 1/5/2021 8:29:36 AM

Method: ANIONS 01-04-21.mtw
Run operator: wet
Analysis number: 72892

Last save: 1/4/2021 9:56:46 PM

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	5.86	0.485	0.19	4.14	7.398	6.53	0.
2	9.22	0.197	0.61	13.64	8.137	7.19	0.
3	11.26	0.240	1.01	22.65	17.238	15.23	0.
4	14.72	0.303	0.59	13.15	12.081	10.67	0.
5	17.19	0.358	0.70	15.65	17.178	15.17	0.
6	22.78	0.524	0.47	10.40	19.907	17.59	0.
7	27.14	0.504	0.91	20.29	31.264	27.62	0.
7	30.00	0.373	4.48	99.92	113.203	100.00	0.

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Report date: 1/5/2021 8:33:01 AM
 Printed by: wet

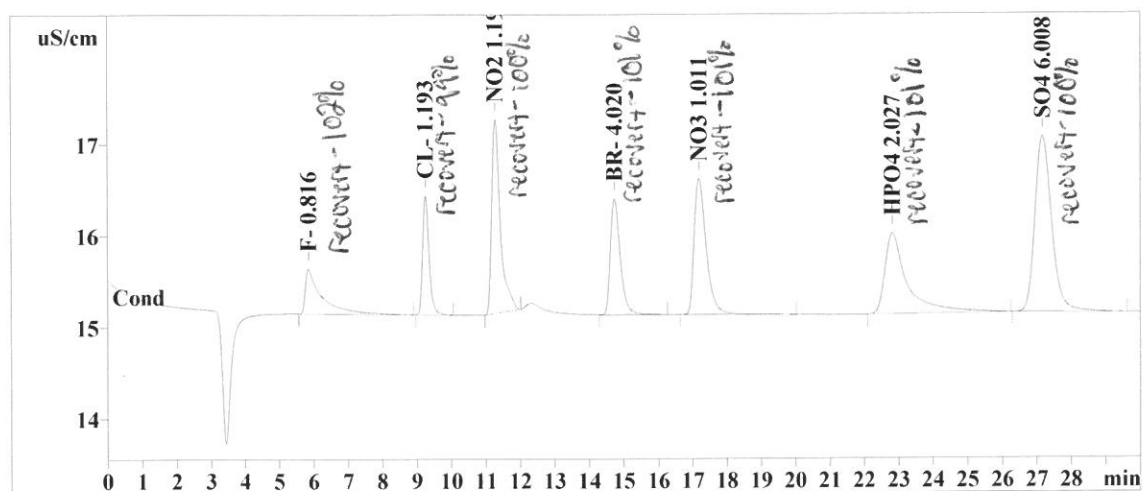
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 Analysis from: 1/4/2021 8:21:11 PM
 File: _2021-01-04_

Last save: 1/5/2021 8:29:36 AM

Method: ANIONS 01-04-21.mtw
 Run operator: wet
 Analysis number: 72893

Last save: 1/4/2021 9:56:46 PM

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	5.85	0.377	0.49	5.16	16.712	7.03	0.
2	9.24	0.195	1.30	13.71	17.094	7.19	0.
3	11.27	0.244	2.12	22.39	37.005	15.56	0.
4	14.72	0.298	1.27	13.37	25.395	10.68	0.
5	17.18	0.359	1.48	15.68	36.124	15.19	0.
6	22.82	0.545	0.88	9.33	40.016	16.82	0.
7	27.17	0.505	1.93	20.34	65.490	27.54	0.
7	30.00	0.361	9.46	99.98	237.836	100.00	0.

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Report date: 1/5/2021 8:33:07 AM
Printed by: wet

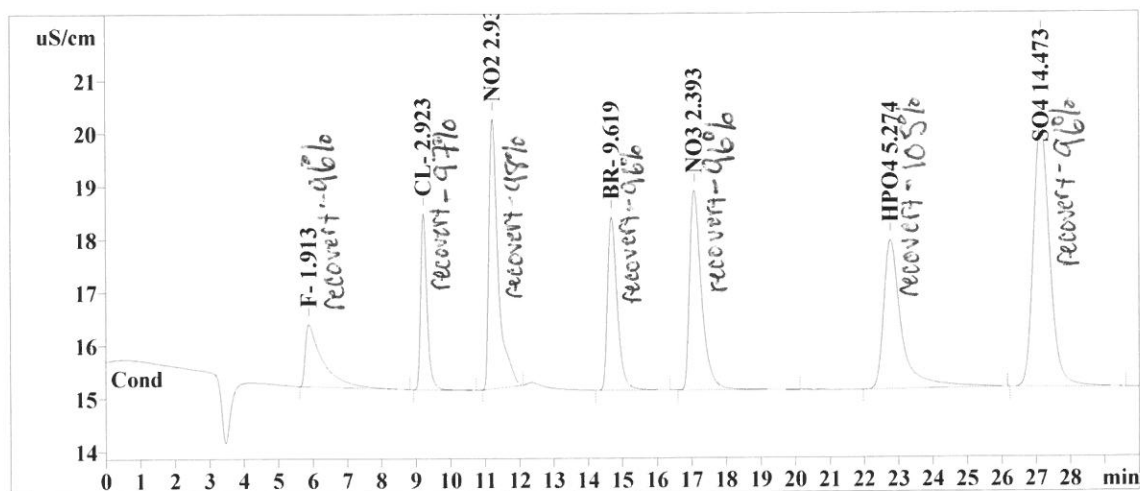
Ident: STD5
Analysis from: 1/4/2021 8:54:04 PM
File: _2021-01-04_

Last save: 1/5/2021 8:29:36 AM

Method: ANIONS 01-04-21.mtw
Run operator: wet
Analysis number: 72894

Last save: 1/4/2021 9:56:46 PM

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	5.89	0.448	1.17	4.81	41.636	6.91	0.
2	9.21	0.192	3.32	13.61	43.468	7.22	0.
3	11.21	0.260	5.09	20.88	96.149	15.97	0.
4	14.68	0.292	3.26	13.38	64.045	10.64	0.
5	17.08	0.351	3.76	15.42	90.039	14.95	0.
6	22.77	0.478	2.81	11.53	102.333	17.00	0.
7	27.14	0.497	4.96	20.34	164.446	27.31	0.
7	30.00	0.360	24.37	99.99	602.117	100.00	0.

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Report date: 1/5/2021 8:33:13 AM
Printed by: wet

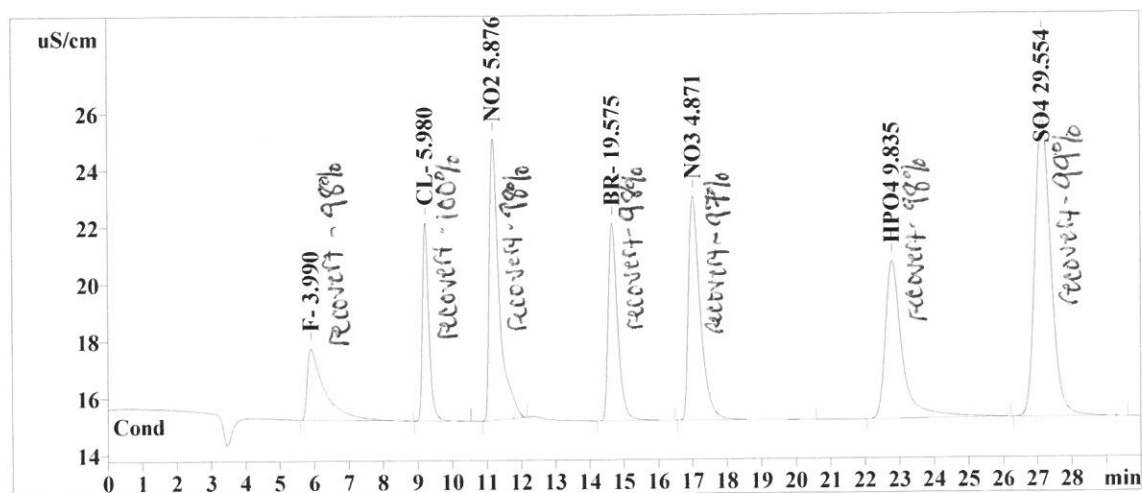
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Analysis from: 1/4/2021 9:26:58 PM
File: _2021-01-04_

Last save: 1/5/2021 8:29:36 AM

Method: ANIONS 01-04-21.mtw
Run operator: wet
Analysis number: 72895

Last save: 1/4/2021 9:56:46 PM

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	5.91	0.448	2.51	4.99	88.835	7.25	0.
2	9.22	0.191	6.96	13.86	90.070	7.35	0.
3	11.18	0.271	9.88	19.68	196.312	16.02	0.
4	14.66	0.285	6.93	13.81	132.775	10.84	0.
5	17.02	0.347	7.86	15.66	186.682	15.24	0.
6	22.79	0.461	5.54	11.05	189.862	15.50	0.
7	27.15	0.489	10.51	20.95	340.742	27.81	0.
7	30.00	0.356	50.18	100.00	1225.278	100.00	0.

This report has been created by IC Net
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Report date: 1/5/2021 8:33:19 AM
 Printed by: wet

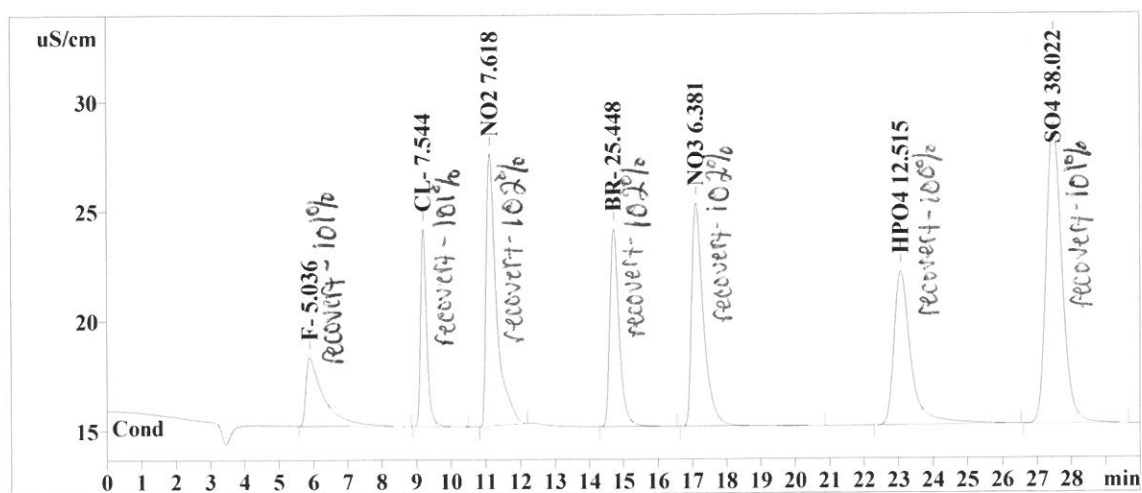
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 Analysis from: 1/4/2021 9:59:52 PM
 File: _2021-01-04_

Last save: 1/5/2021 8:29:36 AM

Method: ANIONS 01-04-21.mtw
 Run operator: wet
 Analysis number: 72896

Last save: 1/4/2021 9:56:46 PM

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	5.90	0.457	3.11	4.83	112.605	7.12	0.
2	9.20	0.187	8.99	13.97	113.910	7.20	0.
3	11.12	0.281	12.40	19.28	255.603	16.16	0.
4	14.71	0.286	9.00	13.99	173.323	10.96	0.
5	17.11	0.352	10.15	15.78	245.571	15.52	0.
6	23.07	0.468	7.01	10.89	241.285	15.25	0.
7	27.48	0.487	13.68	21.26	439.730	27.80	0.
7	30.00	0.360	64.35	99.99	1582.026	100.00	0.

This report has been created by IC Net
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Report date: 1/5/2021 8:33:30 AM
Printed by: wet

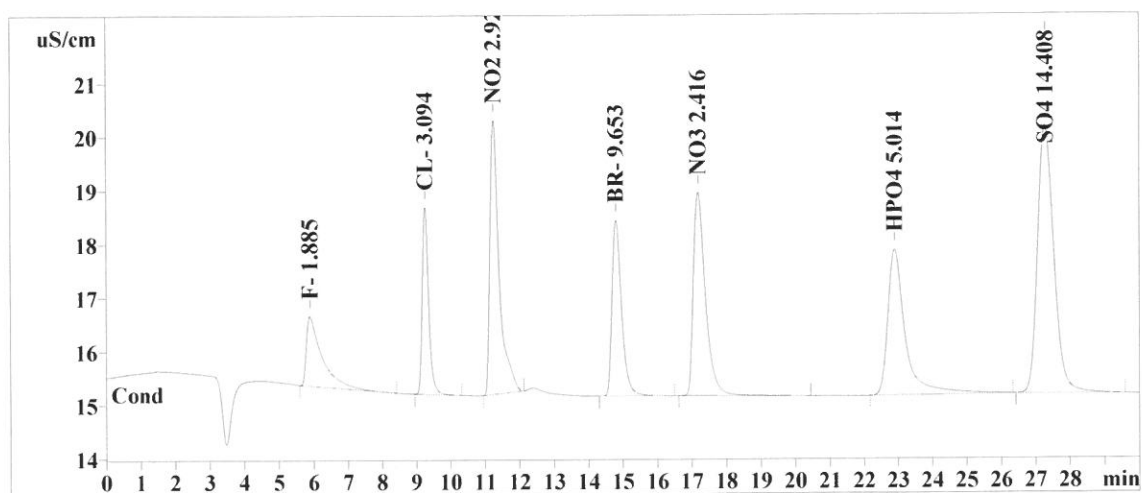
Ident: ICV
Analysis from: 1/4/2021 10:32:46 PM
File: _2021-01-04_

Last save: 1/4/2021 11:02:34 PM

Method: ANIONS 01-04-21.mtw
Run operator: wet
Analysis number: 72897

Last save: 1/4/2021 10:29:40 PM

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	5.89	0.413	1.29	5.24	41.009	6.85	0.
2	9.25	0.196	3.48	14.12	46.081	7.69	0.
3	11.24	0.257	5.11	20.71	95.727	15.98	0.
4	14.79	0.293	3.27	13.28	64.282	10.73	0.
5	17.18	0.352	3.79	15.37	90.937	15.18	0.
6	22.89	0.476	2.72	11.02	97.346	16.25	0.
7	27.27	0.493	5.00	20.26	163.690	27.32	0.
7	30.00	0.354	24.66	99.99	599.072	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 1/5/2021 8:33:37 AM
Printed by: wet

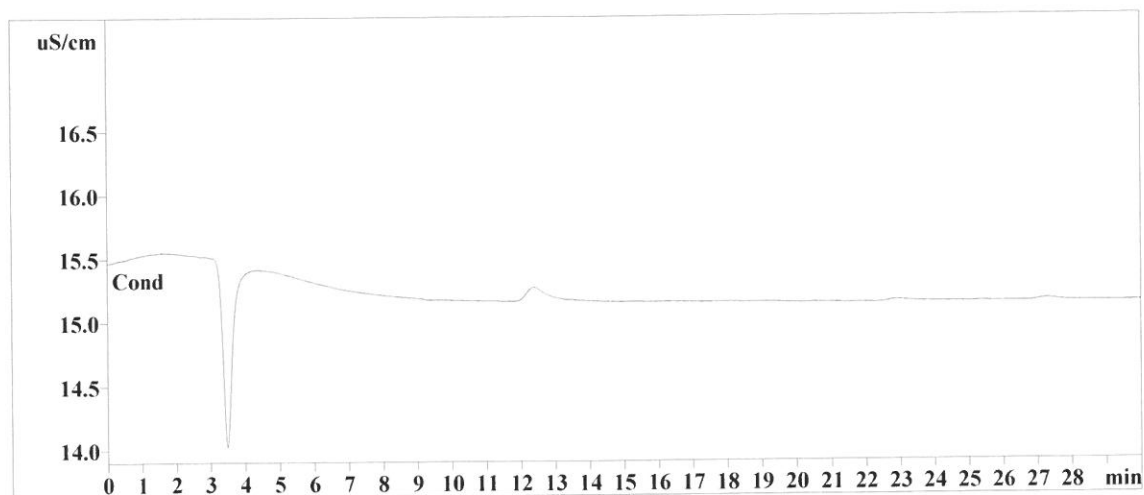
Ident: ICB
Analysis from: 1/4/2021 11:05:40 PM
File: _2021-01-04_

Last save: 1/4/2021 11:35:28 PM

Method: ANIONS 01-04-21.mtw
Run operator: wet
Analysis number: 72898

Last save: 1/4/2021 10:29:40 PM

SAMPLE:
: AM/AP
Vial number: 10
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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