

# DataChem News

Change your subscription options anytime by emailing [marketing@datachem.com](mailto:marketing@datachem.com) and indicating your desired interval: monthly, quarterly or opt out

## National Action Plan for Energy Efficiency

Barriers exist in acquiring affordable, reliable, secure and clean energy. Our current energy demand is beginning to outpace energy production resulting in rising costs and increasing

### Benefits of Increased Energy Efficiency

- ▶ Lower energy bills,
- ▶ Greater customer control,
- ▶ Lower costs than supplying new generation only from new power plants,
- ▶ Modular and quick to deploy,
- ▶ Significant energy savings,
- ▶ Environmental benefits,
- ▶ Economic deployment,
- ▶ Energy security

To read further details behind the benefits listed visit [www.epa.gov/cleanenergy/documents/napee/napee\\_chap1.pdf](http://www.epa.gov/cleanenergy/documents/napee/napee_chap1.pdf)

environmental concerns. Improving energy efficiency in schools, homes, businesses, government and industry (combined consuming more than 70% of this nations energy) is a cost effective means to address the current challenges we are facing.

The National Action Plan for Energy Efficiency (Action Plan) consists of private, public and cooperatively owned leading electric and gas utilities, utility regulators, state agencies, large energy users, consumer advocates, energy service providers, and environmental and energy efficiency organizations. This group was formed to break down

barriers that impede further exploration of energy efficiency. The Action Plan recommends policy changes to create a sustainable commitment to energy efficiency which could, in turn, save consumers billions of dollars in energy bills, contribute to the enhancement of energy security and improve the environment. The development of the Action Plan is a result of the lack of programs and policies in place for stakeholders to capture the full benefits of cost-effective energy efficiency.

### Vision 2025

In an effort to overcome barriers and enable cost-effective energy efficiency, Vision for 2025 was written. This document provides a framework to advance discussions that would further enable the implementation of the recommendations of the Action Plan. The Visions goal is to obtain all cost-effective energy efficiencies by 2025. The document presents ten implementation goals and describes what it might look like if all recommendations were achieved.

Further information regarding the National Action Plan for Energy Efficiency can be found by visiting [www.epa.gov/cleanenergy](http://www.epa.gov/cleanenergy)



Energy demand is quickly out pacing energy production resulting in rising costs and increasing environmental concerns

## January is Radon Awareness Month

We've all heard the dangers of continued radon exposure. With January being Radon Awareness Month, it's a good time to list some helpful tips and reminders.

- Radon is a naturally occurring radioactive gas due to the breakdown of Uranium in soil.
- Radon exposure is the leading cause of lung-cancer among non-smokers.
- Radon coming from the soil beneath a home is the primary way individuals are exposed.
- Radon can also be present in the water coming into a home but is, however, a small source of risk when compared to radon from soil.
- Radon levels fluctuate throughout the year and tend to be higher when a home is closed up, during the winter for example.
- Testing is quick, easy and inexpensive.
- It's estimated that one in fifteen homes will test higher than the EPA's suggested action level of 4.0pCi/L.
- If you find radon in your home it can be fixed.

For additional information and some resources on radon visit [www.epa.gov/radon/](http://www.epa.gov/radon/)

## Pocket Field Reference Guide

ALS-DataChem will soon publish its first Sampling Pocket Guide to assist in sample collection. This handy guide is small enough to comfortably fit in your shirt or back pocket and contains a wealth of information. Listed in alphabetical order, analytes are easily located in the guide. Take a look at the chart below to see a sample of the information the guide contains:

Analyte	Method	Flow [L/ min]	Vol. [L]	Media	Ship
1- and 2-Bromopropane	1025	0.01—0.2	0.1L; 12L	SKC 226-01 or 226-121	
1,1,1-Trichloroethane	14	0.2	3L	SKC 226-01	See method
1,1,2,2-Tetrabromoethane	2003	0.2—1.0	50L @ 1ppm; 100L	SKC 226-10	

To find out more information, or request your copy in advance contact your Project Manager, call 1-800-356-9135 or email us at [marketing@datachem.com](mailto:marketing@datachem.com)

## Analysis of the Month

### VOC Analysis

For the month of January ALS-DataChem is offering **VOC Analysis using TO-15 or TO-17 for \$200.**

For further details contact us at [info@datachem.com](mailto:info@datachem.com)  
For a complete list of Salt Lake's analytical services visit us at [www.datachem.com](http://www.datachem.com)

To take advantage of the offer simply refer to the newsletter in your analytical request. Discount is only available at our Salt Lake facility.

Do you have a topic you would like to see covered? Email me at [bachtell@datachem.com](mailto:bachtell@datachem.com).

For more information on our services call 1-801-266-7700

email [bachtell@datachem.com](mailto:bachtell@datachem.com) to unsubscribe